

RADIATION TEST REPORT

PRODUCT:	AD9042SF/QMLL
GAMMA:	0, 50k, 75k, 100k/TM1019 Condition D
GAMMA SOURCE:	Co60
DOSE RATE:	7.3 mRad/s
FACILITIES:	University of Massachusetts @ Lowell
TESTED:	2010

The RADTESTSM DATA SERVICE is a compilation of radiation test results on Analog Devices' Space grade products. It is designed to assist customers in selecting the right product for applications where radiation is a consideration. Many products manufactured by Analog Devices, Inc. have been shown to be radiation tolerant to most tactical radiation environments. Analog Devices, Inc. does not make any claim to maintain or guarantee these levels of radiation tolerance without lot qualification test.

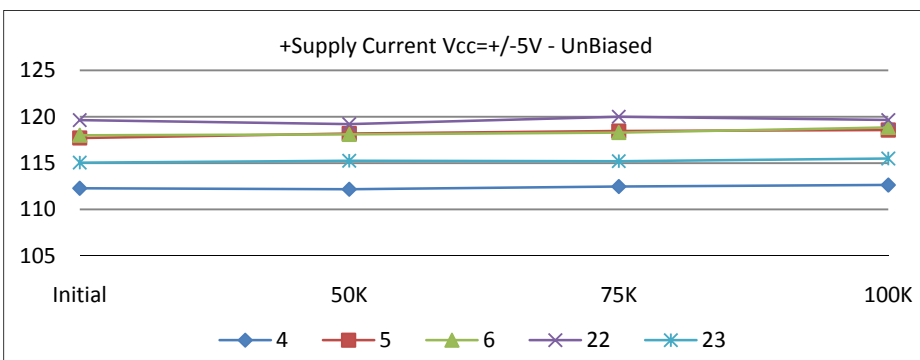
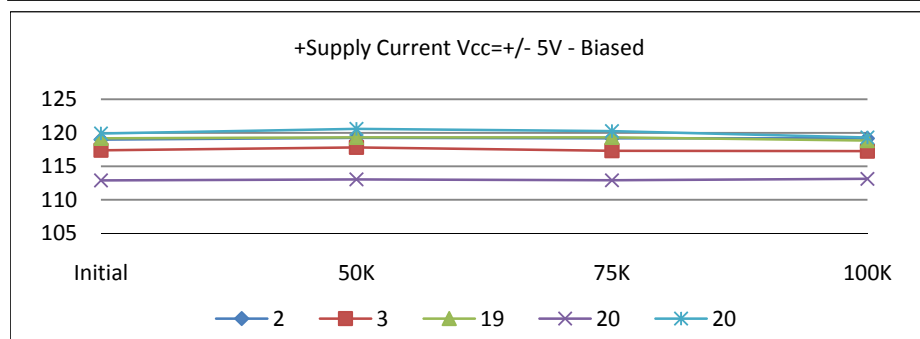
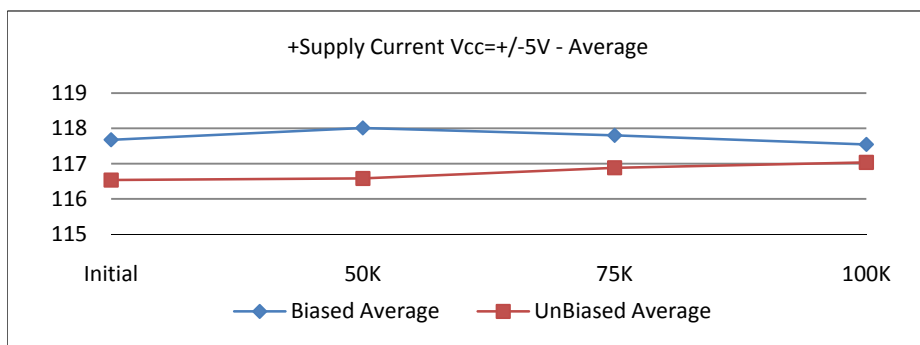
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WARNING:

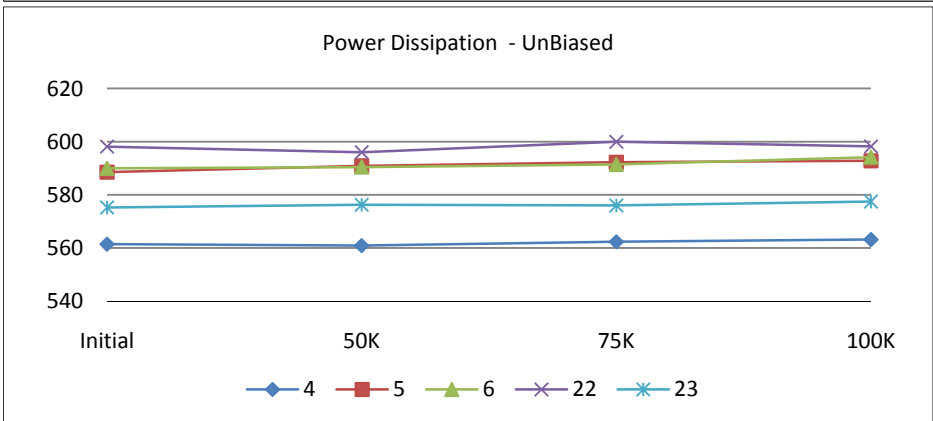
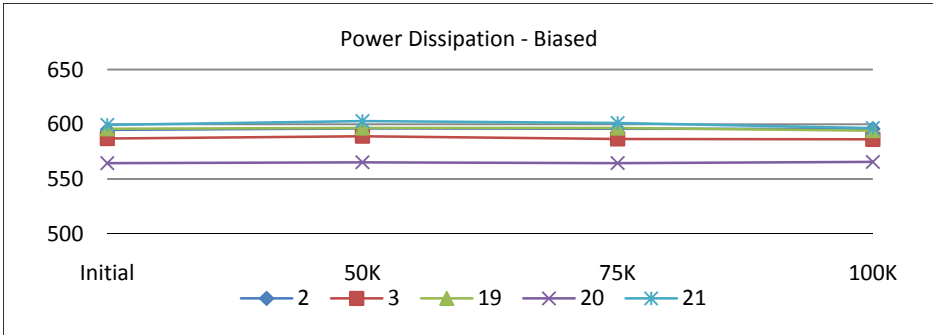
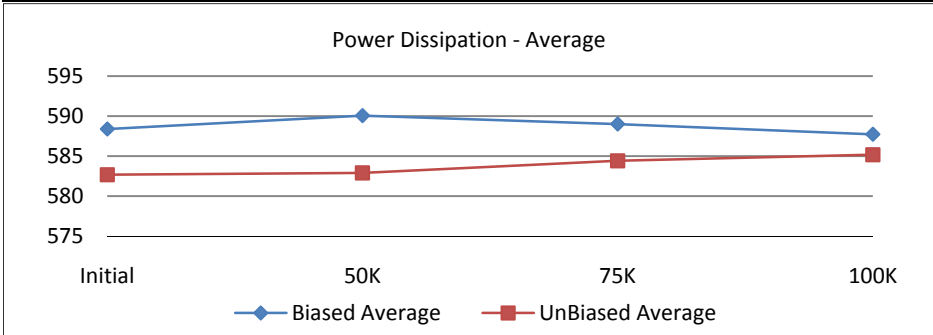
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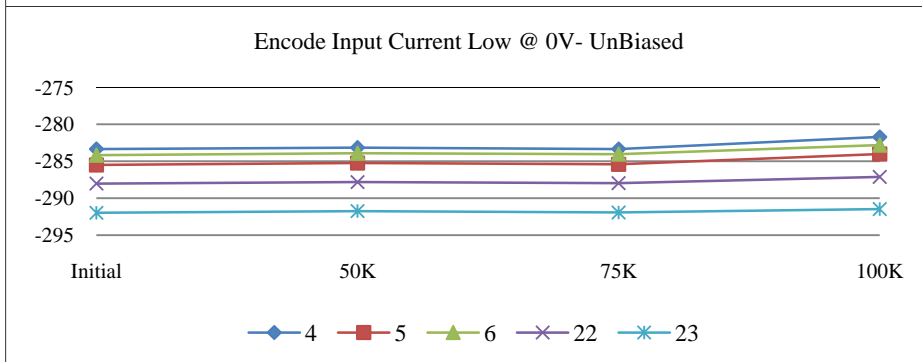
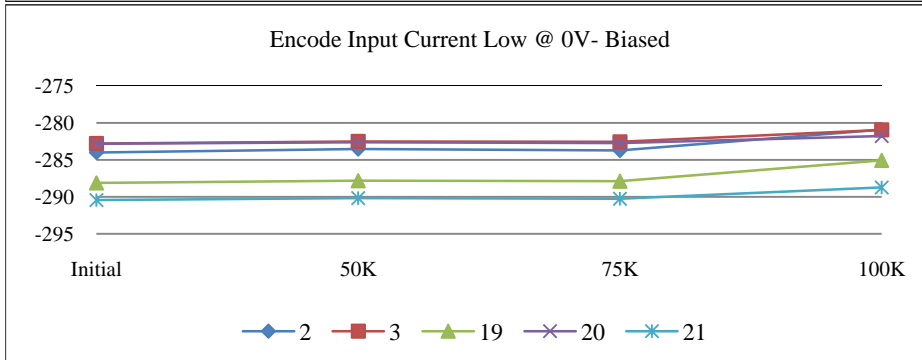
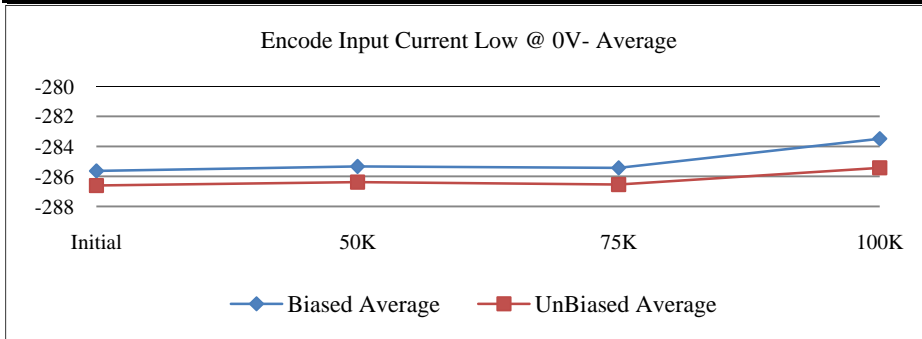
	T# 1	IVCC @ 5.0V				mA
	SN	Initial	50K	75K	100K	Limit
Control	10	114.8071	114.3799	114.2273	114.7766	<146
	17	120.0256	119.1406	119.3085	120.3003	
Biased	2	118.9880	119.2627	119.1864	119.1711	
	3	117.4011	117.8284	117.3248	117.2638	
	19	119.1864	119.3237	119.3237	118.8507	
	20	112.8998	113.0524	112.9150	113.1287	
	21	119.9036	120.5902	120.2545	119.3085	
	Min	112.8998	113.0524	112.9150	113.1287	
	Max	119.9036	120.5902	120.2545	119.3085	
Average	117.6758	118.0115	117.8009	117.5446		
UnBiased	4	112.2894	112.1826	112.4725	112.6404	
	5	117.7063	118.1793	118.4540	118.5608	
	6	117.9962	118.0878	118.2861	118.8354	
	22	119.6289	119.2017	119.9951	119.6442	
	23	115.0513	115.2496	115.2039	115.4938	
	Min	112.2894	112.1826	112.4725	112.6404	
	Max	119.6289	119.2017	119.9951	119.6442	
Average	116.5344	116.5802	116.8823	117.0349		



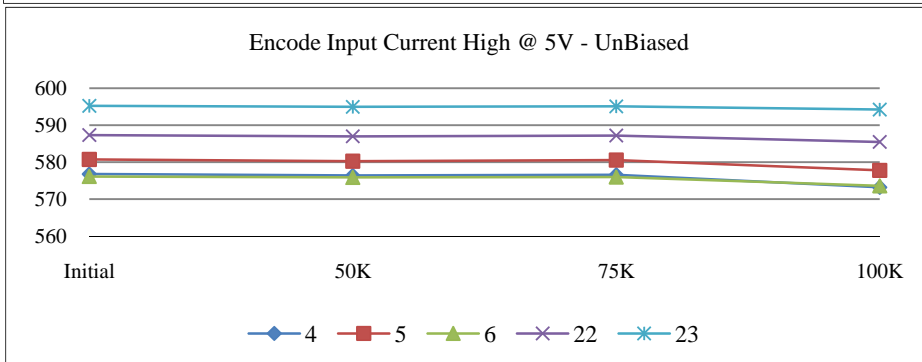
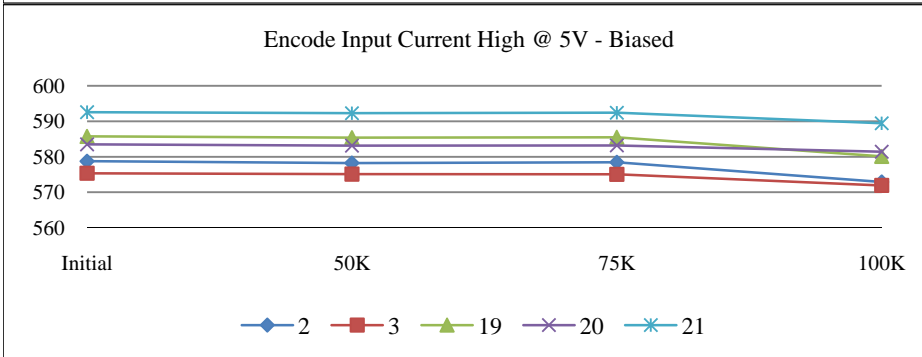
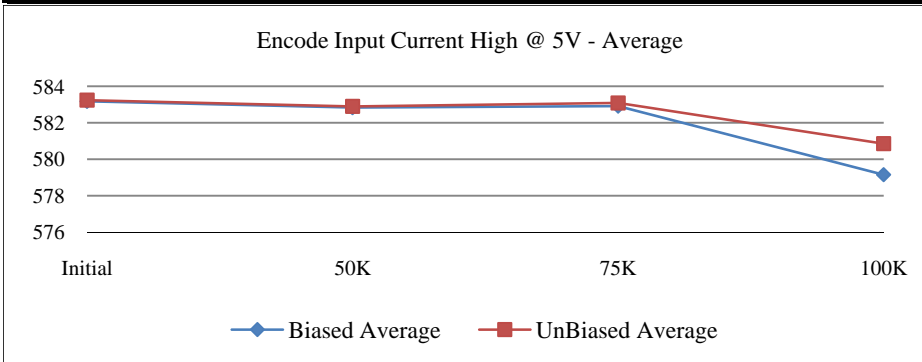
	T#2	Power				mW
	SN	Initial	50K	75K	100K	Limit
Control	10	574.0356	571.8994	571.1365	573.8831	<735
	17	600.1282	595.7031	596.5424	601.5015	
Biased	2	594.9402	596.3135	595.9320	595.8557	
	3	587.0056	589.1418	586.6241	586.3190	
	19	595.9320	596.6187	596.6187	594.2535	
	20	564.4989	565.2618	564.5752	565.6433	
	21	599.5178	602.9510	601.2726	596.5424	
	Min	564.4989	565.2618	564.5752	565.6433	
	Max	599.5178	602.9510	601.2726	596.5424	
Average	588.3789	590.0574	589.0045	587.7228		
UnBiased	4	561.4471	560.9131	562.3627	563.2019	
	5	588.5315	590.8966	592.2699	592.8040	
	6	589.9811	590.4388	591.4307	594.1772	
	22	598.1445	596.0083	599.9756	598.2208	
	23	575.2563	576.2482	576.0193	577.4689	
	Min	561.4471	560.9131	562.3627	563.2019	
	Max	598.1445	596.0083	599.9756	598.2208	
Average	582.6721	582.9010	584.4116	585.1746		



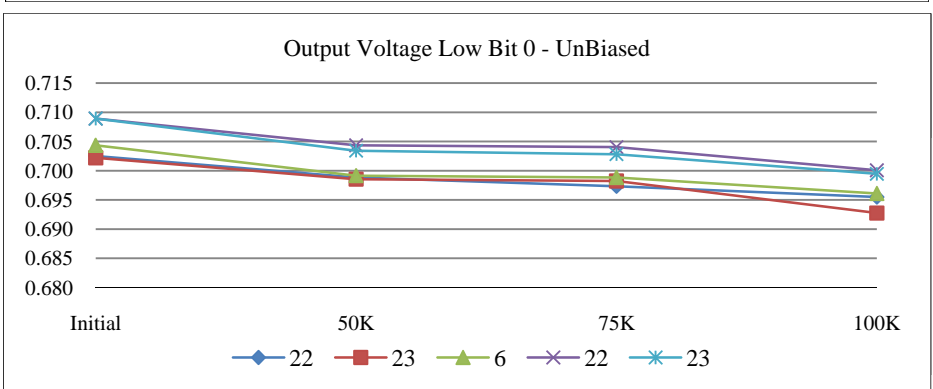
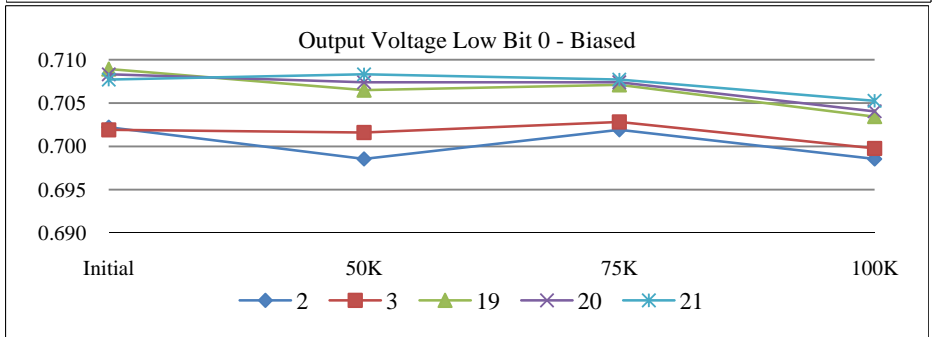
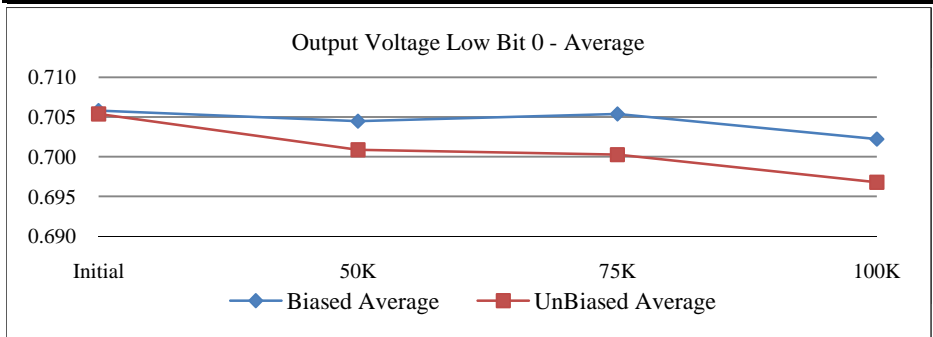
	T#3	ENC Iil @ 0V				uA
	SN	Initial	50K	75K	100K	Limit
Control	10	-284.5932	-284.2446	-284.3669	-283.2386	>-400
	17	-289.4675	-289.2473	-289.2137	-288.8253	<-200
Biased	2	-283.9939	-283.5291	-283.7248	-280.9177	
	3	-282.7952	-282.5139	-282.5628	-280.9482	
	19	-288.1159	-287.8132	-287.8805	-285.0733	
	20	-282.8197	-282.6301	-282.7218	-281.7861	
	21	-290.4368	-290.1708	-290.2595	-288.7244	
	Min	-290.4368	-290.1708	-290.2595	-288.7244	
	Max	-282.7952	-282.5139	-282.5628	-280.9177	
	Average	-285.6323	-285.3314	-285.4299	-283.4899	
UnBiased	4	-283.3517	-283.1621	-283.3456	-281.7158	
	5	-285.5045	-285.2476	-285.4158	-284.0245	
	6	-284.1865	-283.9205	-284.0428	-282.8166	
	22	-288.0181	-287.8193	-287.9600	-287.1190	
	23	-291.9719	-291.7426	-291.9260	-291.4704	
	Min	-291.9719	-291.7426	-291.9260	-291.4704	
	Max	-283.3517	-283.1621	-283.3456	-281.7158	
	Average	-286.6065	-286.3784	-286.5380	-285.4293	



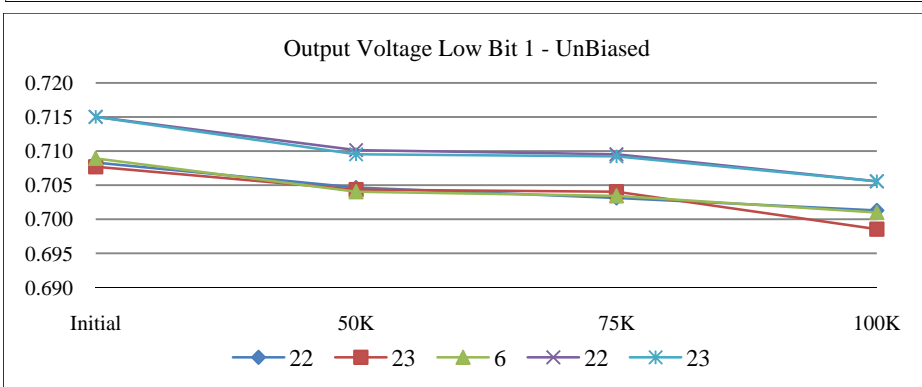
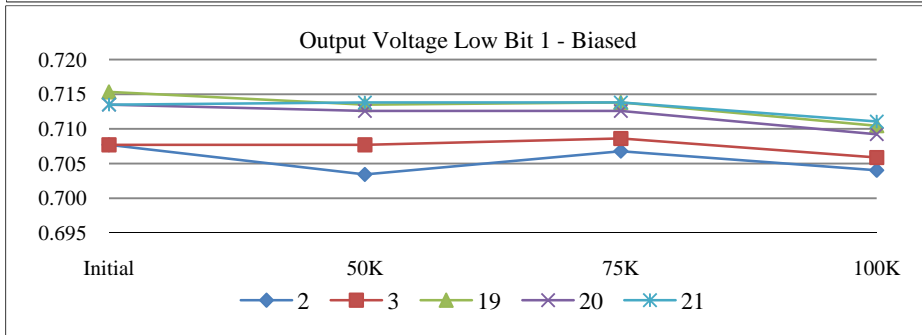
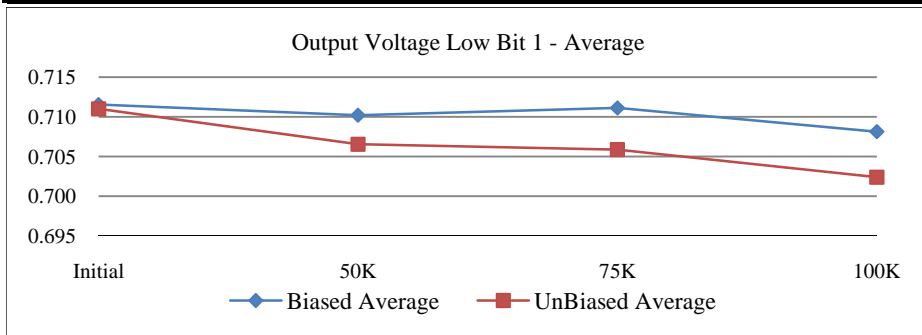
	T#4	ENC Iih @ 5V				uA
	SN	Initial	50K	75K	100K	Limit
Control	10	577.9993	577.7546	577.8861	575.8312	>450
	17	591.2796	591.0197	591.0533	590.4631	<800
Biased	2	578.7393	578.2408	578.4457	572.8987	
	3	575.3542	575.1187	575.0576	571.9263	
	19	585.7265	585.3871	585.4849	580.0939	
	20	583.4882	583.1304	583.1885	581.4149	
	21	592.5486	592.2612	592.3958	589.4265	
	Min	575.3542	575.1187	575.0576	571.9263	
	Max	592.5486	592.2612	592.3958	589.4265	
	Average	583.1714	582.8276	582.9145	579.1521	
UnBiased	4	576.7792	576.4000	576.5865	573.2106	
	5	580.7299	580.2651	580.5587	577.7822	
	6	576.1279	575.8710	575.9750	573.5898	
	22	587.3289	586.9833	587.1973	585.4666	
	23	595.2273	594.9551	595.0928	594.2182	
	Min	576.1279	575.8710	575.9750	573.2106	
	Max	595.2273	594.9551	595.0928	594.2182	
	Average	583.2386	582.8949	583.0821	580.8535	



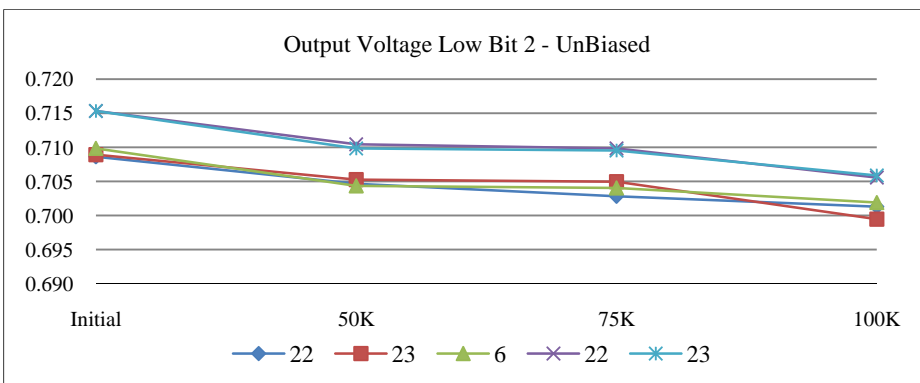
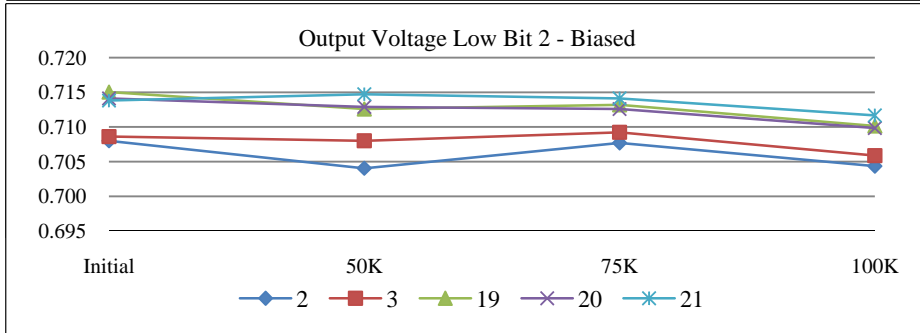
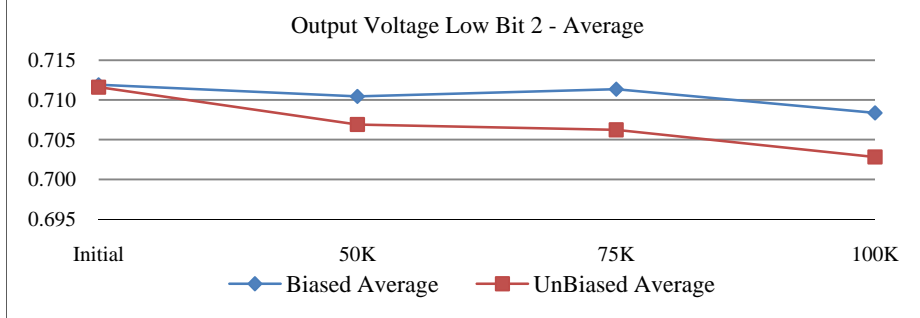
	T#8	Vol Bit 0				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7028	0.7004	0.7013	0.6964	<0.8
	17	0.7065	0.7062	0.7077	0.7028	
Biased	2	0.7022	0.6985	0.7019	0.6985	
	3	0.7019	0.7016	0.7028	0.6998	
	19	0.7089	0.7065	0.7071	0.7034	
	20	0.7083	0.7074	0.7074	0.7040	
	21	0.7077	0.7083	0.7077	0.7053	
	Min	0.7019	0.6985	0.7019	0.6985	
	Max	0.7089	0.7083	0.7077	0.7053	
	Average	0.7058	0.7045	0.7054	0.7022	
UnBiased	22	0.7025	0.6989	0.6973	0.6955	
	23	0.7022	0.6985	0.6982	0.6927	
	6	0.7043	0.6992	0.6989	0.6961	
	22	0.7089	0.7043	0.7040	0.7001	
	23	0.7089	0.7034	0.7028	0.6995	
	Min	0.7022	0.6985	0.6973	0.6927	
	Max	0.7089	0.7043	0.7040	0.7001	
	Average	0.7054	0.7009	0.7003	0.6968	



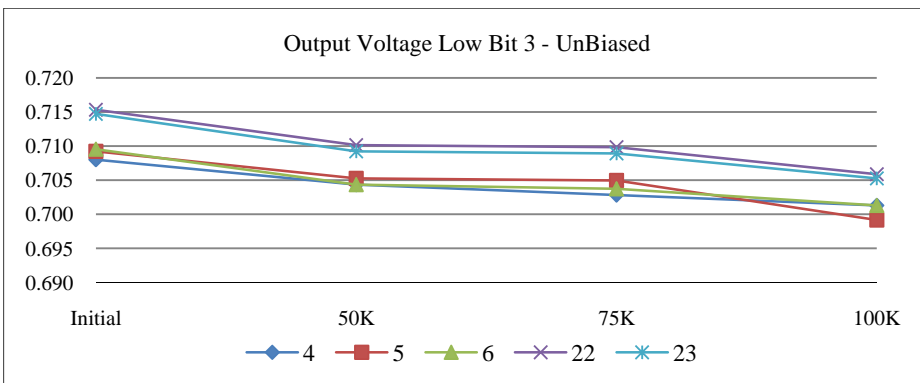
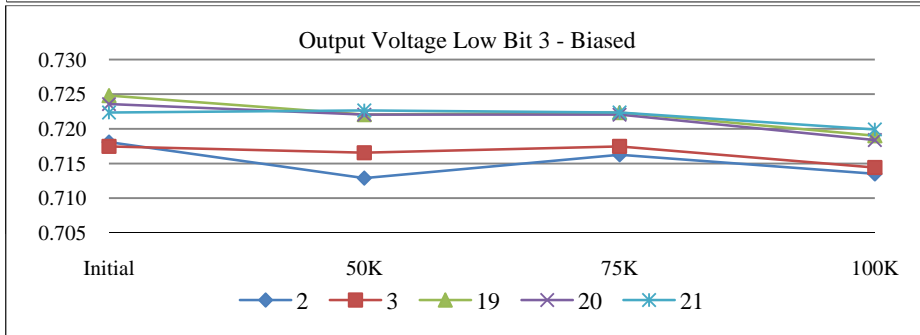
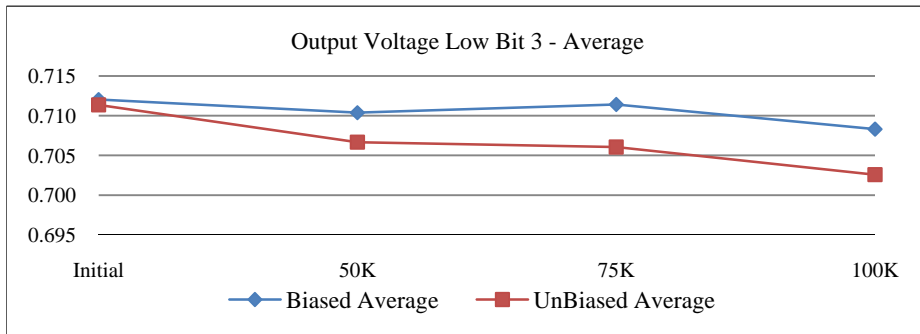
	T#9	Vol Bit 1				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7092	0.7062	0.7071	0.7025	<0.8
	17	0.7123	0.7120	0.7141	0.7086	
Biased	2	0.7077	0.7034	0.7068	0.7040	
	3	0.7077	0.7077	0.7086	0.7059	
	19	0.7153	0.7135	0.7138	0.7104	
	20	0.7135	0.7126	0.7126	0.7092	
	21	0.7135	0.7138	0.7138	0.7111	
	Min	0.7077	0.7034	0.7068	0.7040	
	Max	0.7153	0.7138	0.7138	0.7111	
	Average	0.7115	0.7102	0.7111	0.7081	
UnBiased	22	0.7083	0.7047	0.7031	0.7013	
	23	0.7077	0.7043	0.7040	0.6985	
	6	0.7089	0.7040	0.7034	0.7010	
	22	0.7150	0.7101	0.7095	0.7056	
	23	0.7150	0.7095	0.7092	0.7056	
	Min	0.7077	0.7040	0.7031	0.6985	
	Max	0.7150	0.7101	0.7095	0.7056	
	Average	0.7110	0.7065	0.7059	0.7024	



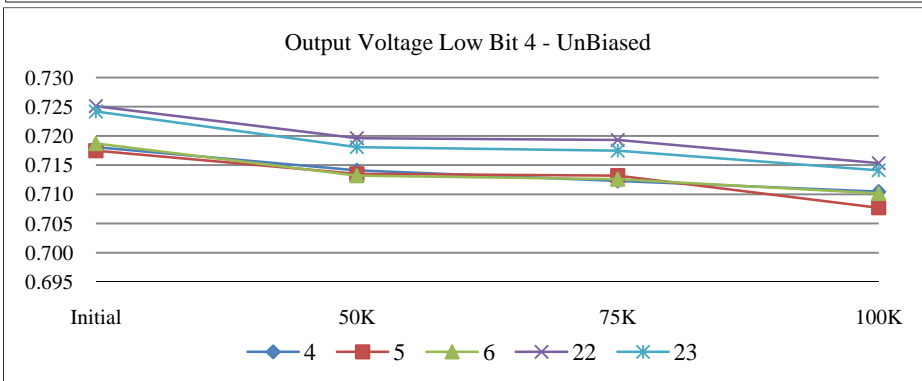
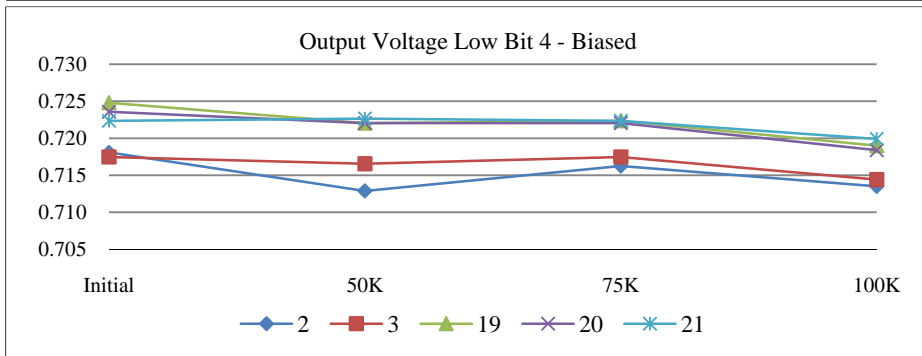
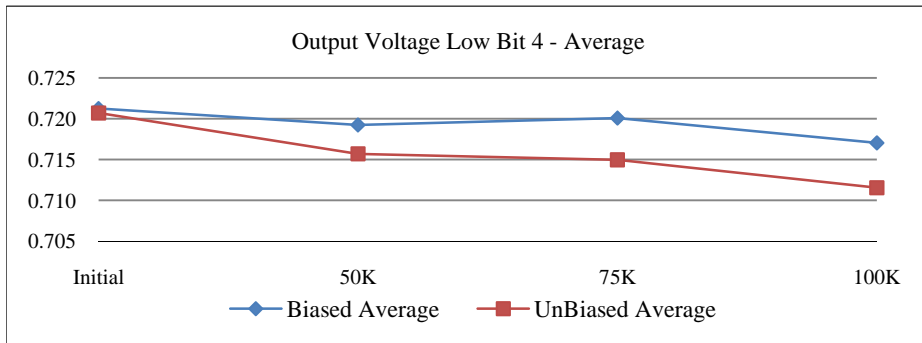
	T#10	Vol Bit 2				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7092	0.7065	0.7071	0.7025	<0.8
	17	0.7123	0.7120	0.7138	0.7086	
Biased	2	0.7080	0.7040	0.7077	0.7043	
	3	0.7086	0.7080	0.7092	0.7059	
	19	0.7150	0.7126	0.7132	0.7101	
	20	0.7141	0.7129	0.7126	0.7098	
	21	0.7138	0.7147	0.7141	0.7117	
	Min	0.7080	0.7040	0.7077	0.7043	
	Max	0.7150	0.7147	0.7141	0.7117	
Average	0.7119	0.7104	0.7114	0.7084		
UnBiased	22	0.7086	0.7047	0.7028	0.7013	
	23	0.7089	0.7053	0.7050	0.6995	
	6	0.7098	0.7043	0.7040	0.7019	
	22	0.7153	0.7104	0.7098	0.7056	
	23	0.7153	0.7098	0.7095	0.7059	
	Min	0.7086	0.7043	0.7028	0.6995	
	Max	0.7153	0.7104	0.7098	0.7059	
Average	0.7116	0.7069	0.7062	0.7028		



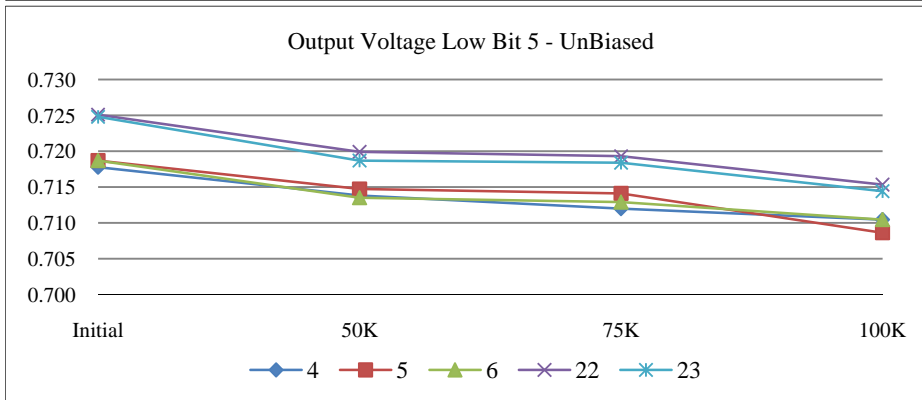
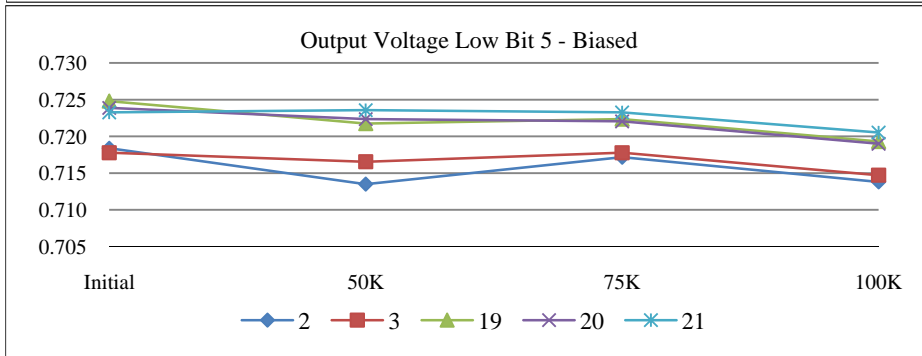
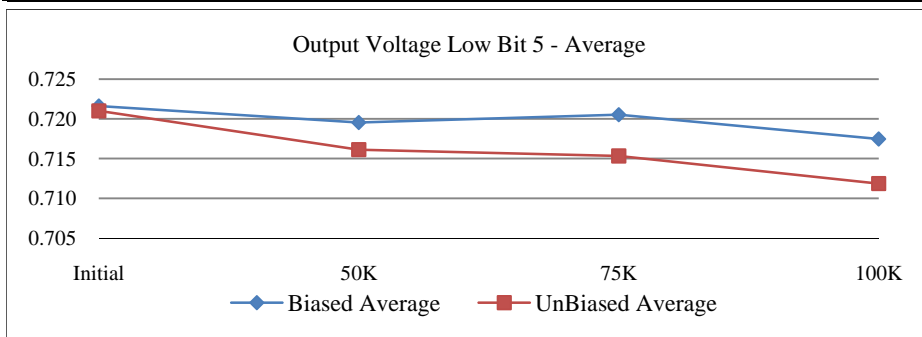
	T#11	Vol Bit 3				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7092	0.7065	0.7074	0.7028	<0.8
	17	0.7126	0.7123	0.7138	0.7086	
Biased	2	0.7077	0.7037	0.7071	0.7043	
	3	0.7086	0.7077	0.7089	0.7056	
	19	0.7147	0.7126	0.7129	0.7098	
	20	0.7150	0.7135	0.7138	0.7104	
	21	0.7141	0.7144	0.7144	0.7114	
	Min	0.7077	0.7037	0.7071	0.7043	
	Max	0.7150	0.7144	0.7144	0.7114	
	Average	0.7120	0.7104	0.7114	0.7083	
UnBiased	4	0.7080	0.7043	0.7028	0.7013	
	5	0.7092	0.7053	0.7050	0.6992	
	6	0.7095	0.7043	0.7037	0.7013	
	22	0.7153	0.7101	0.7098	0.7059	
	23	0.7147	0.7092	0.7089	0.7053	
	Min	0.7080	0.7043	0.7028	0.6992	
	Max	0.7153	0.7101	0.7098	0.7059	
	Average	0.7114	0.7067	0.7061	0.7026	



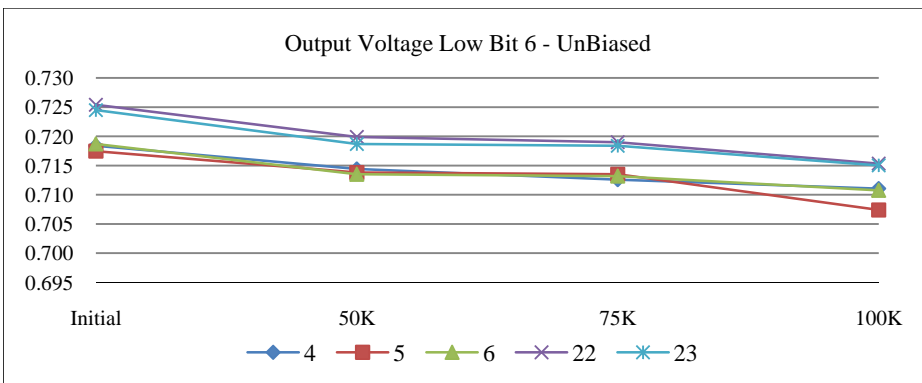
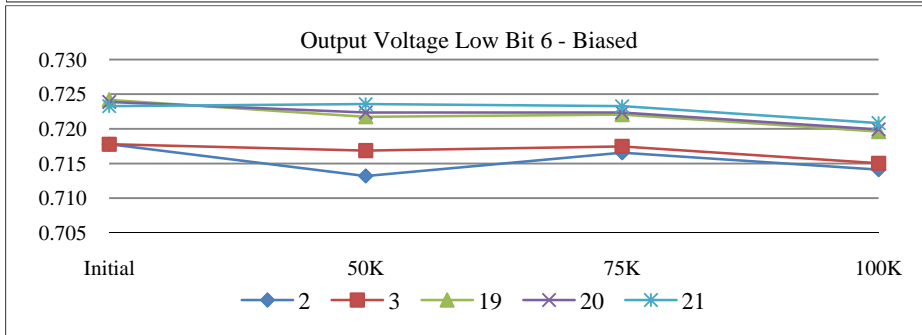
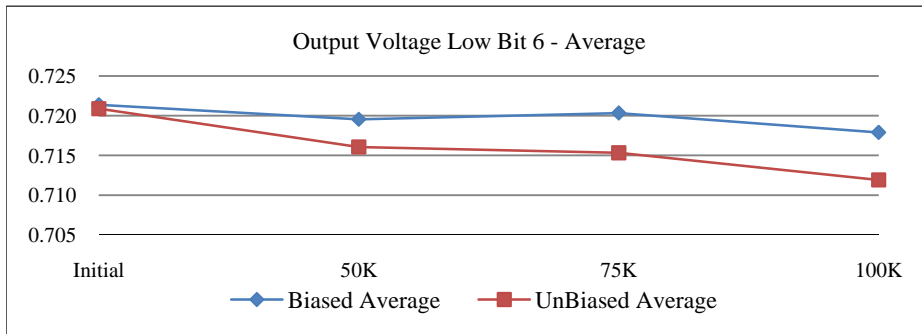
	T#12	Vol Bit 4				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7193	0.7153	0.7162	0.7117	<0.8
	17	0.7220	0.7214	0.7230	0.7178	
Biased	2	0.7181	0.7129	0.7162	0.7135	
	3	0.7175	0.7166	0.7175	0.7144	
	19	0.7248	0.7220	0.7224	0.7190	
	20	0.7236	0.7220	0.7220	0.7184	
	21	0.7224	0.7227	0.7224	0.7199	
	Min	0.7175	0.7129	0.7162	0.7135	
	Max	0.7248	0.7227	0.7224	0.7199	
	Average	0.7213	0.7192	0.7201	0.7170	
UnBiased	4	0.7181	0.7141	0.7123	0.7104	
	5	0.7175	0.7135	0.7132	0.7077	
	6	0.7187	0.7132	0.7126	0.7101	
	22	0.7251	0.7196	0.7193	0.7153	
	23	0.7242	0.7181	0.7175	0.7141	
	Min	0.7175	0.7132	0.7123	0.7077	
	Max	0.7251	0.7196	0.7193	0.7153	
	Average	0.7207	0.7157	0.7150	0.7115	



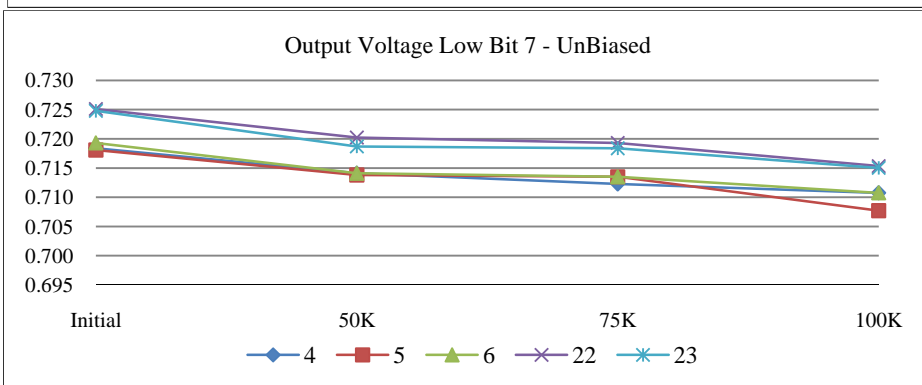
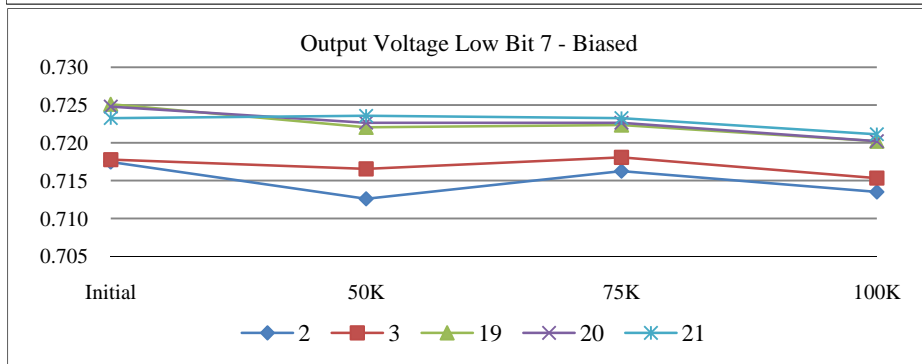
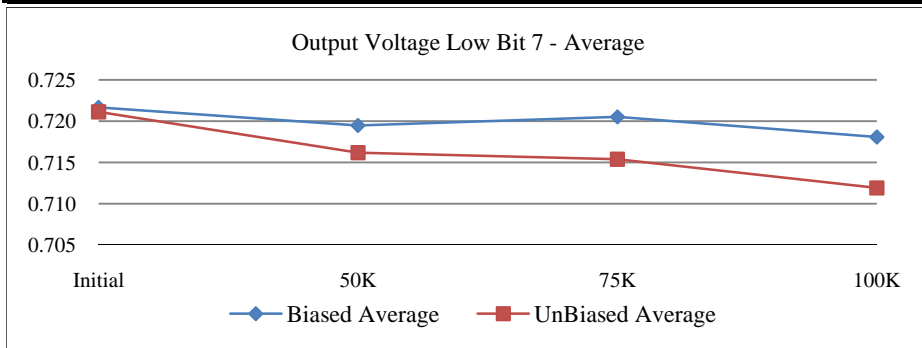
	T#13	Vol Bit 5				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7187	0.7150	0.7162	0.7114	<0.8
	17	0.7214	0.7208	0.7224	0.7175	
Biased	2	0.7184	0.7135	0.7172	0.7138	
	3	0.7178	0.7166	0.7178	0.7147	
	19	0.7248	0.7217	0.7224	0.7193	
	20	0.7239	0.7224	0.7220	0.7190	
	21	0.7233	0.7236	0.7233	0.7205	
	Min	0.7178	0.7135	0.7172	0.7138	
Max	0.7248	0.7236	0.7233	0.7205		
Average	0.7216	0.7195	0.7205	0.7175		
UnBiased	4	0.7178	0.7138	0.7120	0.7104	
	5	0.7187	0.7147	0.7141	0.7086	
	6	0.7187	0.7135	0.7129	0.7104	
	22	0.7251	0.7199	0.7193	0.7153	
	23	0.7248	0.7187	0.7184	0.7144	
	Min	0.7178	0.7135	0.7120	0.7086	
	Max	0.7251	0.7199	0.7193	0.7153	
	Average	0.7210	0.7161	0.7153	0.7119	



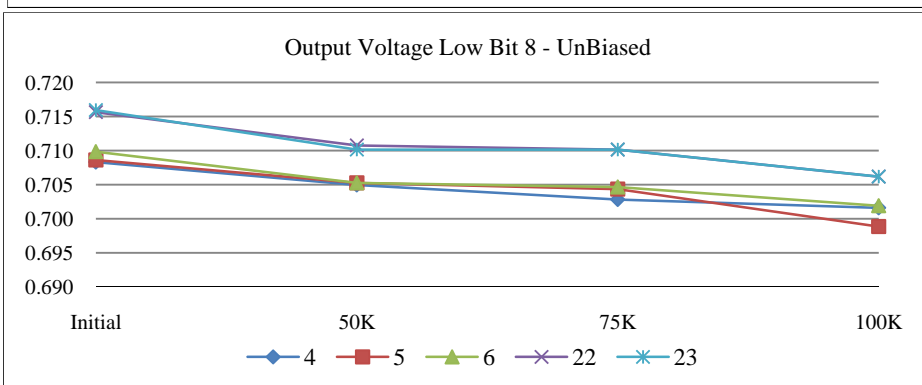
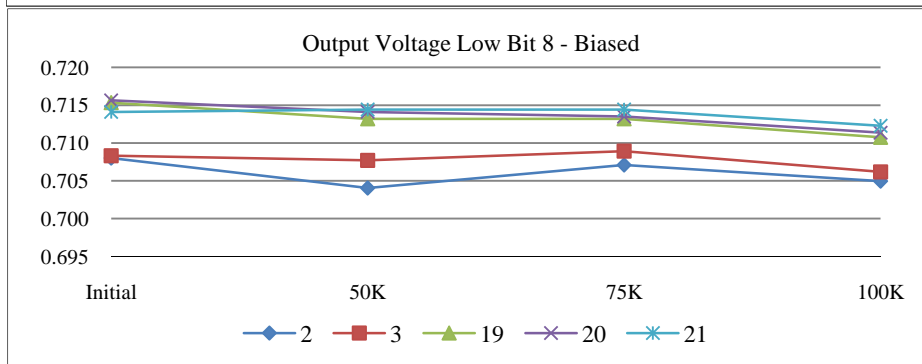
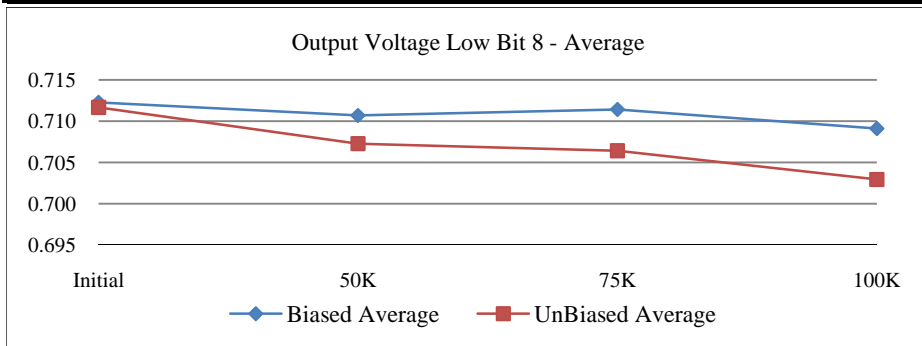
	T#14	Vol Bit 6				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7190	0.7150	0.7162	0.7117	<0.8
	17	0.7224	0.7214	0.7230	0.7181	
Biased	2	0.7178	0.7132	0.7166	0.7141	
	3	0.7178	0.7169	0.7175	0.7150	
	19	0.7242	0.7217	0.7220	0.7196	
	20	0.7239	0.7224	0.7224	0.7199	
	21	0.7233	0.7236	0.7233	0.7208	
	Min	0.7178	0.7132	0.7166	0.7141	
	Max	0.7242	0.7236	0.7233	0.7208	
	Average	0.7214	0.7195	0.7203	0.7179	
UnBiased	4	0.7184	0.7144	0.7126	0.7111	
	5	0.7175	0.7138	0.7135	0.7074	
	6	0.7187	0.7135	0.7132	0.7108	
	22	0.7254	0.7199	0.7190	0.7153	
	23	0.7245	0.7187	0.7184	0.7150	
	Min	0.7175	0.7135	0.7126	0.7074	
	Max	0.7254	0.7199	0.7190	0.7153	
	Average	0.7209	0.7161	0.7153	0.7119	



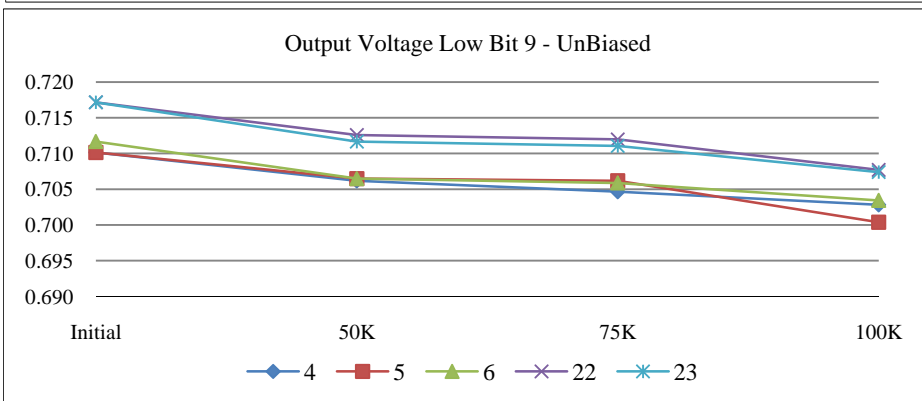
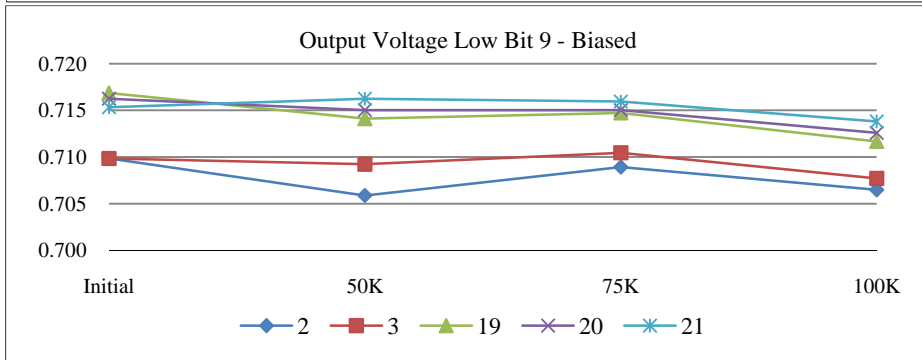
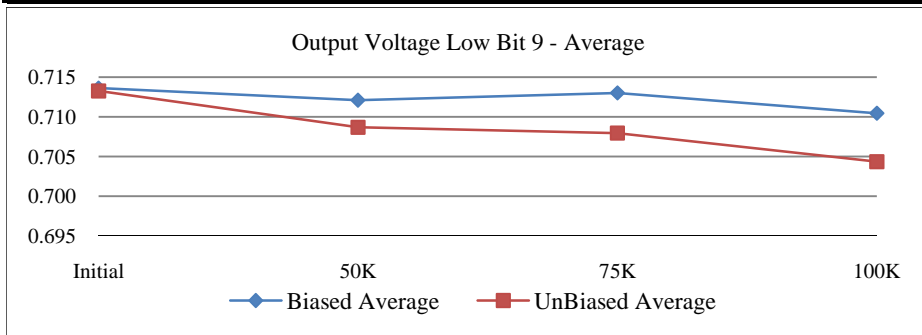
	T#15	Vol Bit 7				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7190	0.7156	0.7162	0.7120	<0.8
	17	0.7224	0.7217	0.7233	0.7181	
Biased	2	0.7175	0.7126	0.7162	0.7135	
	3	0.7178	0.7166	0.7181	0.7153	
	19	0.7251	0.7220	0.7224	0.7202	
	20	0.7248	0.7227	0.7227	0.7202	
	21	0.7233	0.7236	0.7233	0.7211	
	Min	0.7175	0.7126	0.7162	0.7135	
	Max	0.7251	0.7236	0.7233	0.7211	
	Average	0.7217	0.7195	0.7205	0.7181	
UnBiased	4	0.7184	0.7141	0.7123	0.7108	
	5	0.7181	0.7138	0.7135	0.7077	
	6	0.7193	0.7141	0.7135	0.7108	
	22	0.7251	0.7202	0.7193	0.7153	
	23	0.7248	0.7187	0.7184	0.7150	
	Min	0.7181	0.7138	0.7123	0.7077	
	Max	0.7251	0.7202	0.7193	0.7153	
	Average	0.7211	0.7162	0.7154	0.7119	



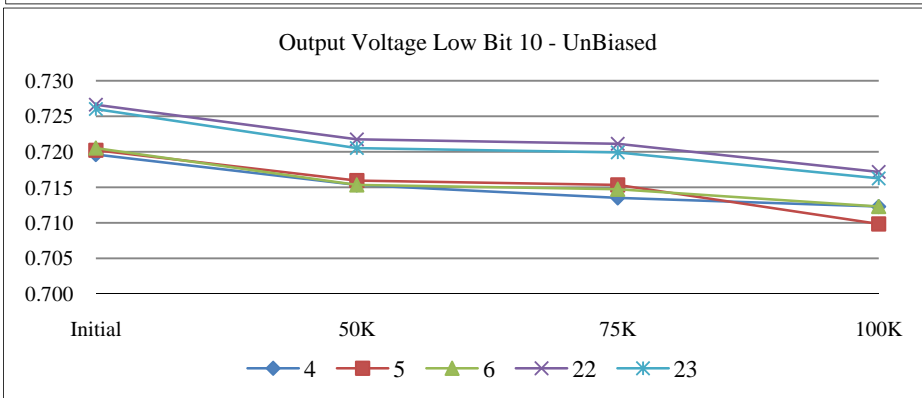
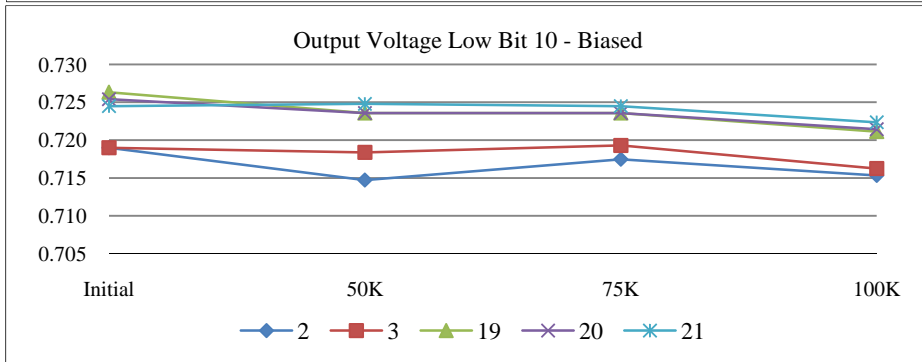
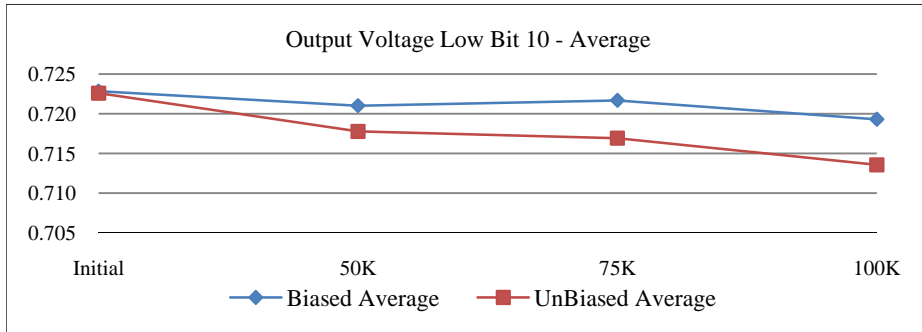
	T#16	Vol Bit 8				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7095	0.7062	0.7074	0.7025	<0.8
	17	0.7126	0.7126	0.7141	0.7092	
Biased	2	0.7080	0.7040	0.7071	0.7050	
	3	0.7083	0.7077	0.7089	0.7062	
	19	0.7153	0.7132	0.7132	0.7108	
	20	0.7156	0.7141	0.7135	0.7114	
	21	0.7141	0.7144	0.7144	0.7123	
	Min	0.7080	0.7040	0.7071	0.7050	
	Max	0.7156	0.7144	0.7144	0.7123	
	Average	0.7123	0.7107	0.7114	0.7091	
UnBiased	4	0.7083	0.7050	0.7028	0.7016	
	5	0.7086	0.7053	0.7043	0.6989	
	6	0.7098	0.7053	0.7047	0.7019	
	22	0.7156	0.7108	0.7101	0.7062	
	23	0.7159	0.7101	0.7101	0.7062	
	Min	0.7083	0.7050	0.7028	0.6989	
	Max	0.7159	0.7108	0.7101	0.7062	
	Average	0.7117	0.7073	0.7064	0.7029	



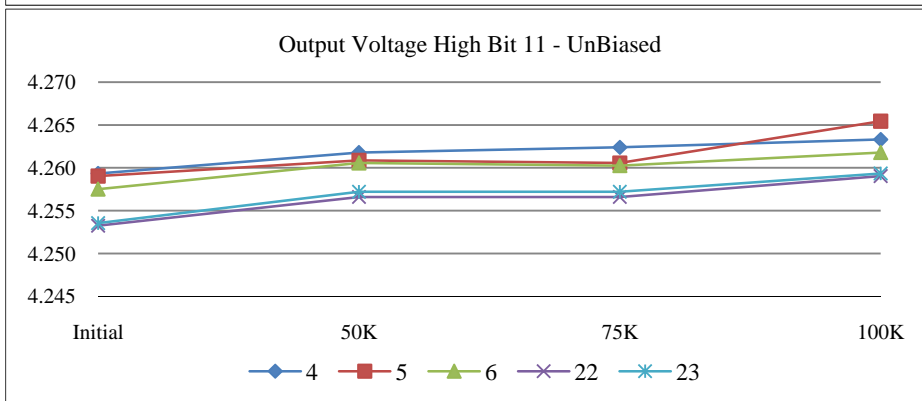
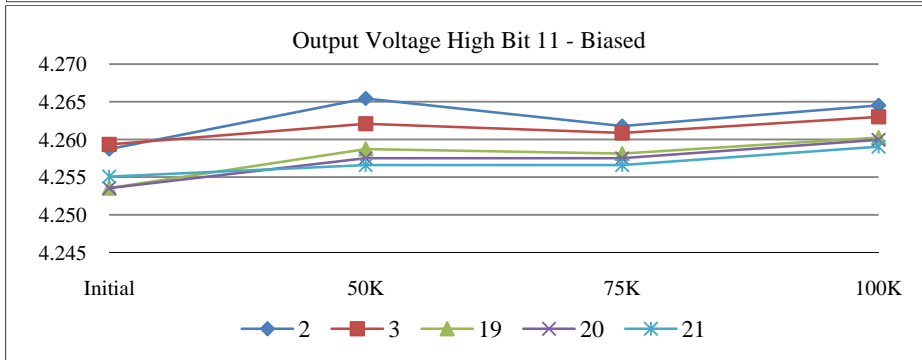
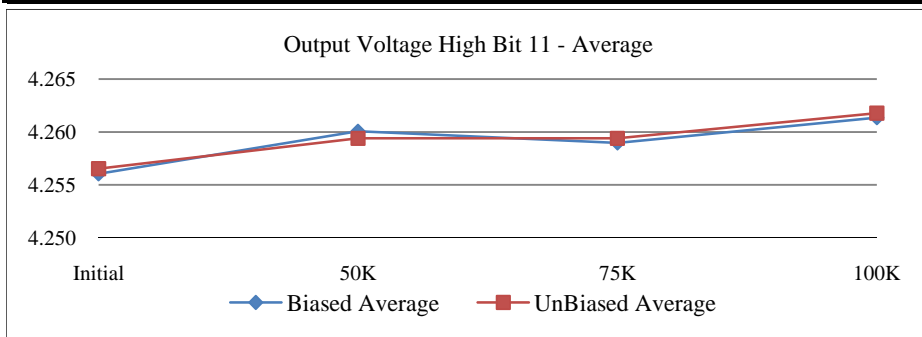
	T#17	Vol Bit 9				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7108	0.7077	0.7089	0.7043	<0.8
	17	0.7144	0.7138	0.7156	0.7101	
Biased	2	0.7098	0.7059	0.7089	0.7065	
	3	0.7098	0.7092	0.7104	0.7077	
	19	0.7169	0.7141	0.7147	0.7117	
	20	0.7162	0.7150	0.7150	0.7126	
	21	0.7153	0.7162	0.7159	0.7138	
	Min	0.7098	0.7059	0.7089	0.7065	
	Max	0.7169	0.7162	0.7159	0.7138	
	Average	0.7136	0.7121	0.7130	0.7104	
UnBiased	4	0.7101	0.7062	0.7047	0.7028	
	5	0.7101	0.7065	0.7062	0.7004	
	6	0.7117	0.7065	0.7059	0.7034	
	22	0.7172	0.7126	0.7120	0.7077	
	23	0.7172	0.7117	0.7111	0.7074	
	Min	0.7101	0.7062	0.7047	0.7004	
	Max	0.7172	0.7126	0.7120	0.7077	
	Average	0.7133	0.7087	0.7079	0.7043	



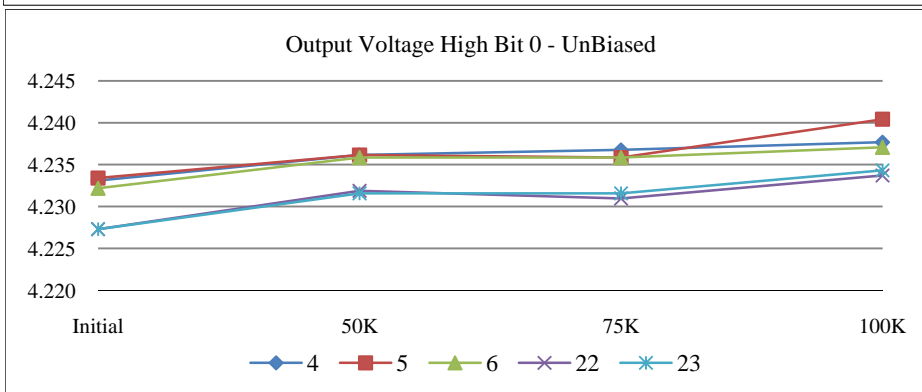
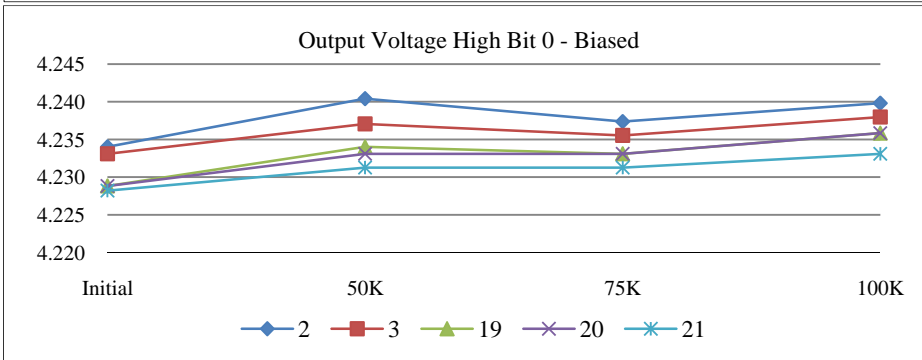
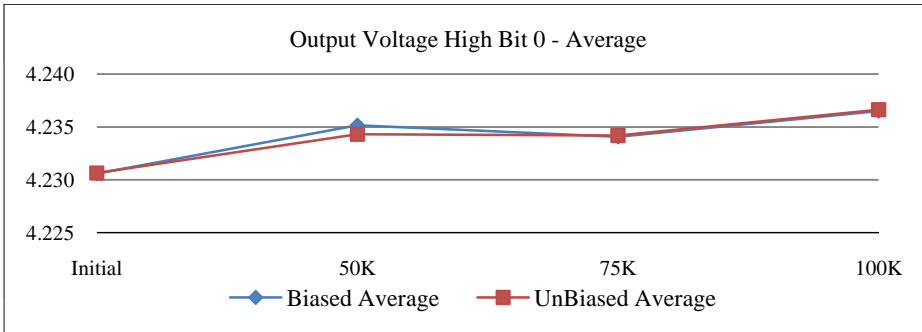
	T#18	Vol Bit 10				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7205	0.7172	0.7178	0.7135	<0.8
	17	0.7239	0.7233	0.7251	0.7199	
Biased	2	0.7190	0.7147	0.7175	0.7153	
	3	0.7190	0.7184	0.7193	0.7162	
	19	0.7263	0.7236	0.7236	0.7211	
	20	0.7254	0.7236	0.7236	0.7214	
	21	0.7245	0.7248	0.7245	0.7224	
	Min	0.7190	0.7147	0.7175	0.7153	
	Max	0.7263	0.7248	0.7245	0.7224	
	Average	0.7228	0.7210	0.7217	0.7193	
UnBiased	4	0.7196	0.7153	0.7135	0.7123	
	5	0.7202	0.7159	0.7153	0.7098	
	6	0.7205	0.7153	0.7147	0.7123	
	22	0.7266	0.7217	0.7211	0.7172	
	23	0.7260	0.7205	0.7199	0.7162	
	Min	0.7196	0.7153	0.7135	0.7098	
	Max	0.7266	0.7217	0.7211	0.7172	
	Average	0.7226	0.7178	0.7169	0.7136	



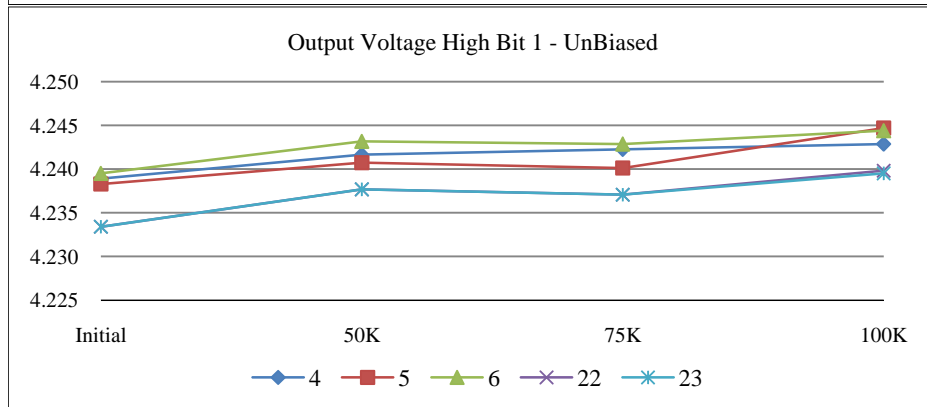
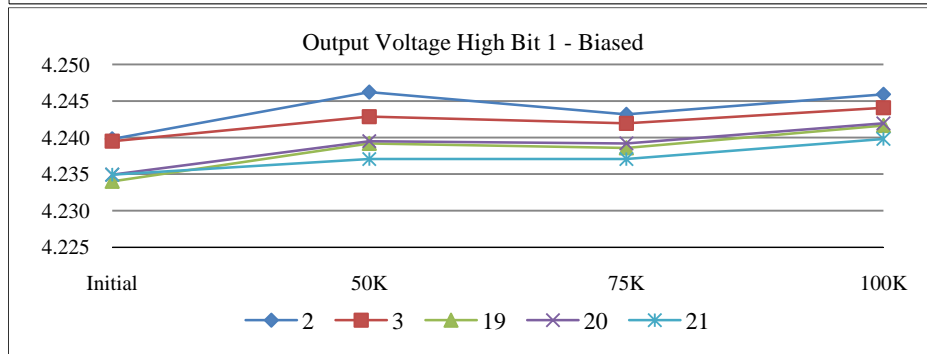
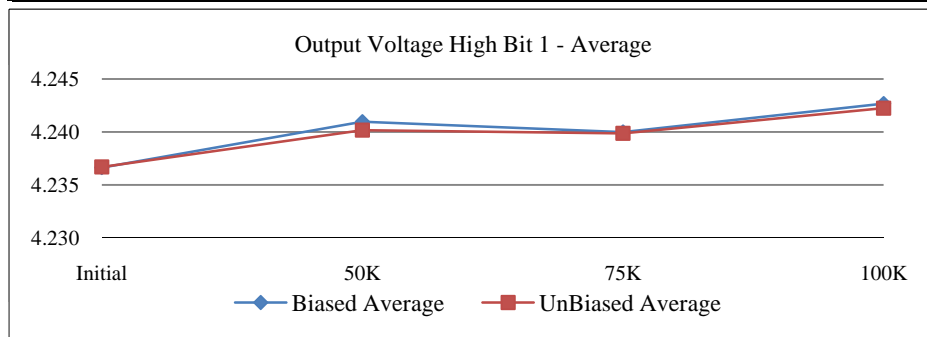
	T#19	Voh Bit 11				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2590	4.2636	4.2627	4.2676	>3.5
	17	4.2563	4.2581	4.2572	4.2621	
Biased	2	4.2587	4.2654	4.2618	4.2645	
	3	4.2593	4.2621	4.2609	4.2630	
	19	4.2535	4.2587	4.2581	4.2603	
	20	4.2535	4.2575	4.2575	4.2599	
	21	4.2551	4.2566	4.2566	4.2590	
	Min	4.2535	4.2566	4.2566	4.2590	
	Max	4.2593	4.2654	4.2618	4.2645	
	Average	4.2560	4.2601	4.2590	4.2614	
UnBiased	4	4.2593	4.2618	4.2624	4.2633	
	5	4.2590	4.2609	4.2606	4.2654	
	6	4.2575	4.2606	4.2603	4.2618	
	22	4.2532	4.2566	4.2566	4.2590	
	23	4.2535	4.2572	4.2572	4.2593	
	Min	4.2532	4.2566	4.2566	4.2590	
	Max	4.2593	4.2618	4.2624	4.2654	
	Average	4.2565	4.2594	4.2594	4.2618	



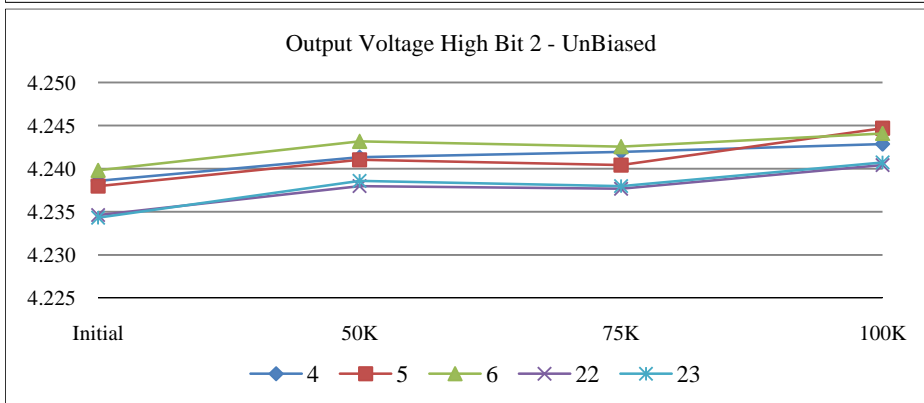
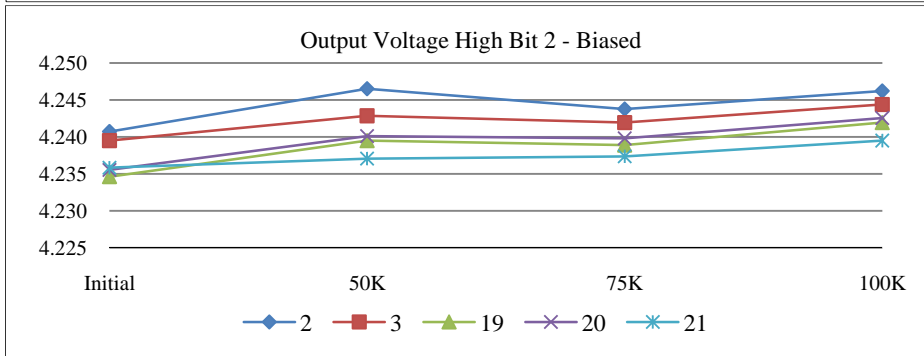
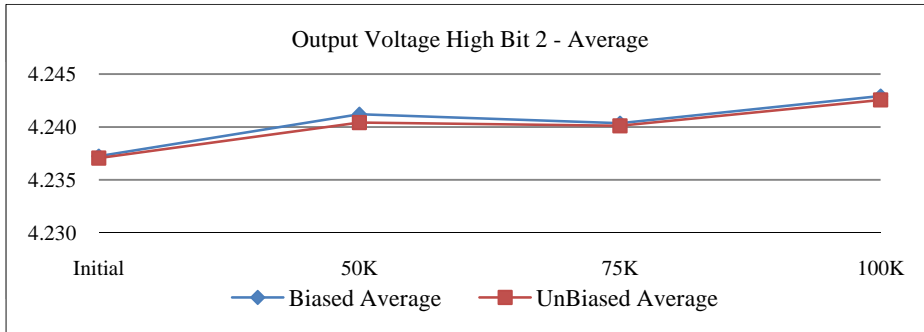
	T#21	Voh Bit 0				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2331	4.2380	4.2374	4.2416	>3.5
	17	4.2291	4.2325	4.2310	4.2361	
Biased	2	4.2340	4.2404	4.2374	4.2398	
	3	4.2331	4.2371	4.2355	4.2380	
	19	4.2288	4.2340	4.2331	4.2358	
	20	4.2288	4.2331	4.2331	4.2358	
	21	4.2282	4.2313	4.2313	4.2331	
	Min	4.2282	4.2313	4.2313	4.2331	
	Max	4.2340	4.2404	4.2374	4.2398	
	Average	4.2306	4.2352	4.2341	4.2365	
UnBiased	4	4.2331	4.2361	4.2368	4.2377	
	5	4.2334	4.2361	4.2358	4.2404	
	6	4.2322	4.2358	4.2358	4.2371	
	22	4.2273	4.2319	4.2310	4.2337	
	23	4.2273	4.2316	4.2316	4.2343	
	Min	4.2273	4.2316	4.2310	4.2337	
	Max	4.2334	4.2361	4.2368	4.2404	
	Average	4.2307	4.2343	4.2342	4.2366	



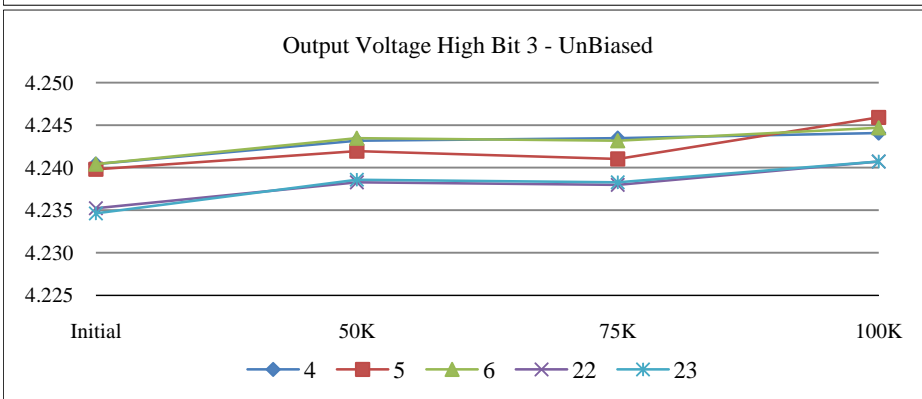
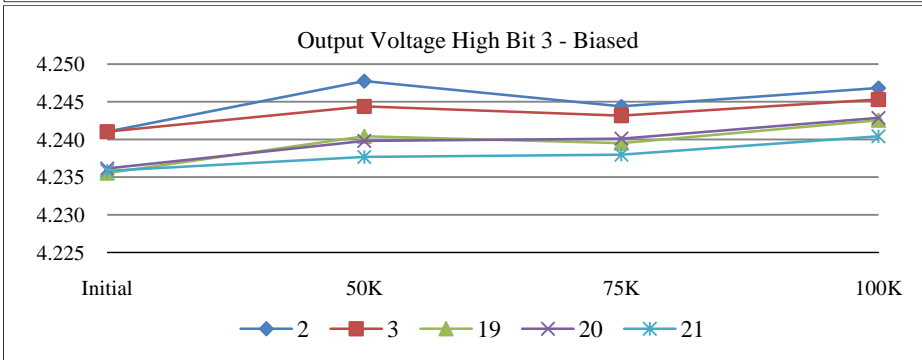
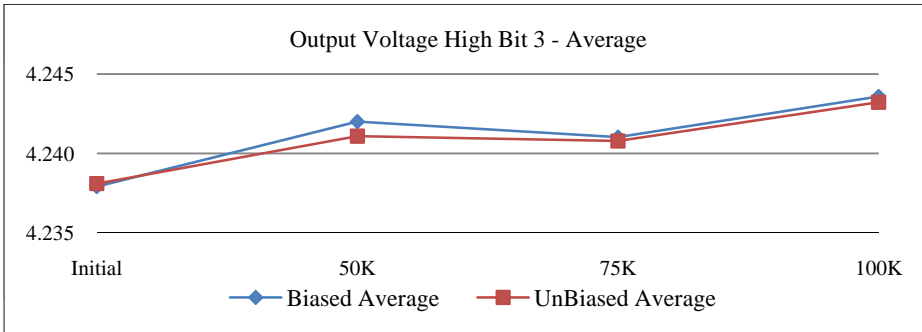
	T#22	Voh Bit 1				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2386	4.2441	4.2435	4.2477	>3.5
	17	4.2361	4.2380	4.2371	4.2416	
Biased	2	4.2398	4.2462	4.2432	4.2459	
	3	4.2395	4.2429	4.2419	4.2441	
	19	4.2340	4.2392	4.2386	4.2416	
	20	4.2349	4.2395	4.2392	4.2419	
	21	4.2349	4.2371	4.2371	4.2398	
	Min	4.2340	4.2371	4.2371	4.2398	
	Max	4.2398	4.2462	4.2432	4.2459	
	Average	4.2366	4.2410	4.2400	4.2427	
UnBiased	4	4.2389	4.2416	4.2422	4.2429	
	5	4.2383	4.2407	4.2401	4.2447	
	6	4.2395	4.2432	4.2429	4.2444	
	22	4.2334	4.2377	4.2371	4.2398	
	23	4.2334	4.2377	4.2371	4.2395	
	Min	4.2334	4.2377	4.2371	4.2395	
	Max	4.2395	4.2432	4.2429	4.2447	
	Average	4.2367	4.2402	4.2399	4.2422	



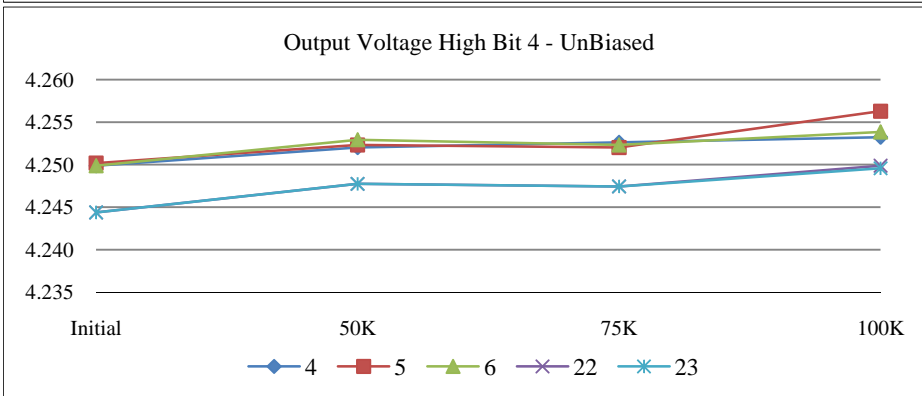
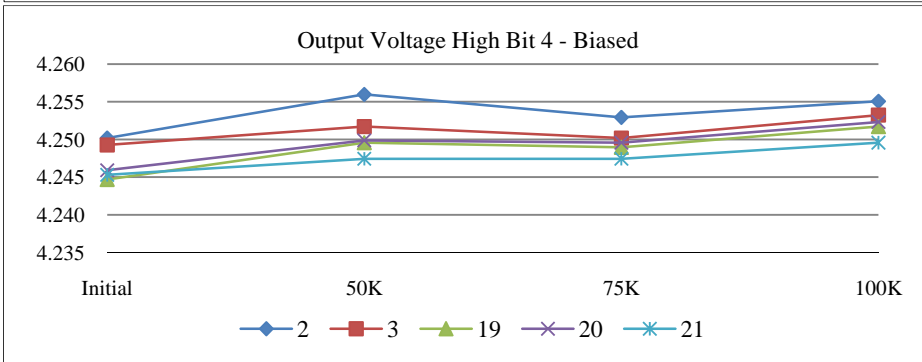
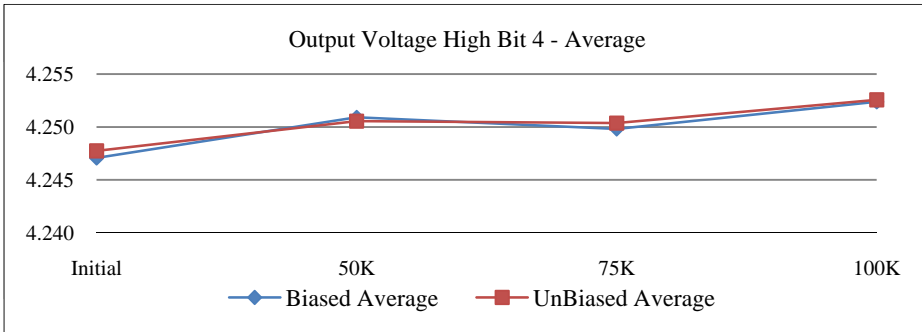
	T#23	Voh Bit 2				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2395	4.2447	4.2438	4.2484	>3.5
	17	4.2361	4.2392	4.2377	4.2422	
Biased	2	4.2407	4.2465	4.2438	4.2462	
	3	4.2395	4.2429	4.2419	4.2444	
	19	4.2346	4.2395	4.2389	4.2419	
	20	4.2355	4.2401	4.2398	4.2426	
	21	4.2358	4.2371	4.2374	4.2395	
	Min	4.2346	4.2371	4.2374	4.2395	
	Max	4.2407	4.2465	4.2438	4.2462	
	Average	4.2372	4.2412	4.2404	4.2429	
UnBiased	4	4.2386	4.2413	4.2419	4.2429	
	5	4.2380	4.2410	4.2404	4.2447	
	6	4.2398	4.2432	4.2426	4.2441	
	22	4.2346	4.2380	4.2377	4.2404	
	23	4.2343	4.2386	4.2380	4.2407	
	Min	4.2343	4.2380	4.2377	4.2404	
	Max	4.2398	4.2432	4.2426	4.2447	
	Average	4.2371	4.2404	4.2401	4.2426	



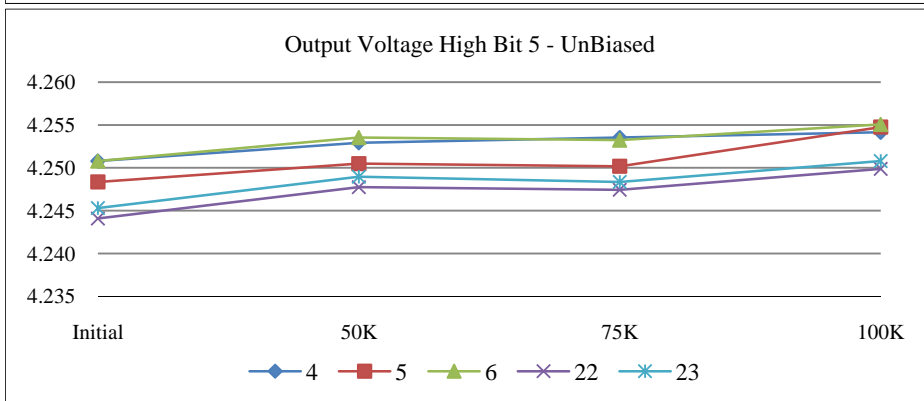
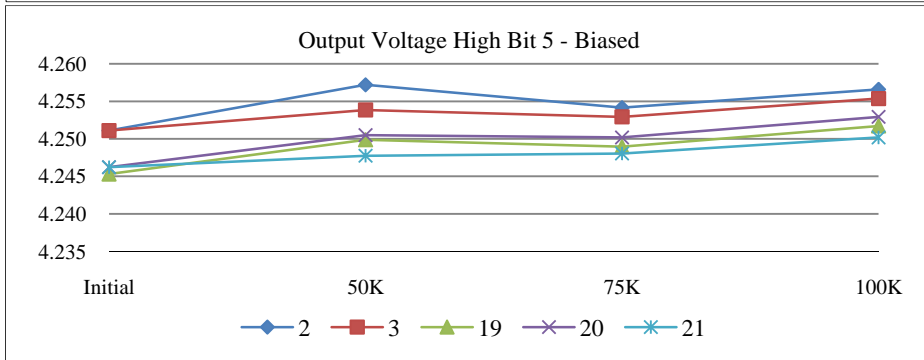
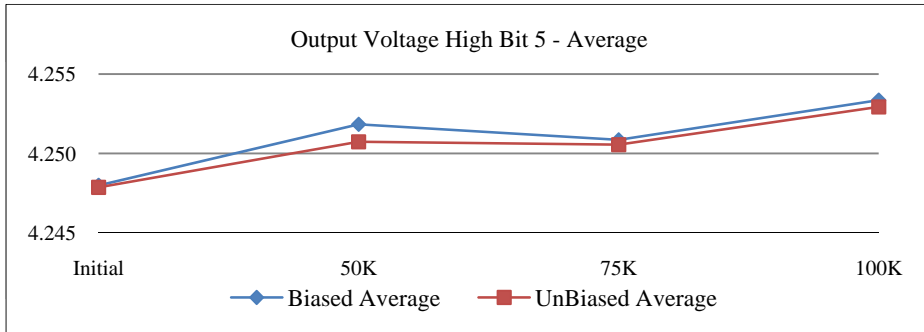
	T#24	Voh Bit 3				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2401	4.2450	4.2444	4.2490	>3.5
	17	4.2371	4.2392	4.2380	4.2429	
Biased	2	4.2410	4.2477	4.2444	4.2468	
	3	4.2410	4.2444	4.2432	4.2453	
	19	4.2355	4.2404	4.2395	4.2426	
	20	4.2361	4.2398	4.2401	4.2429	
	21	4.2358	4.2377	4.2380	4.2404	
	Min	4.2355	4.2377	4.2380	4.2404	
	Max	4.2410	4.2477	4.2444	4.2468	
	Average	4.2379	4.2420	4.2410	4.2436	
UnBiased	4	4.2404	4.2432	4.2435	4.2441	
	5	4.2398	4.2419	4.2410	4.2459	
	6	4.2404	4.2435	4.2432	4.2447	
	22	4.2352	4.2383	4.2380	4.2407	
	23	4.2346	4.2386	4.2383	4.2407	
	Min	4.2346	4.2383	4.2380	4.2407	
	Max	4.2404	4.2435	4.2435	4.2459	
	Average	4.2381	4.2411	4.2408	4.2432	



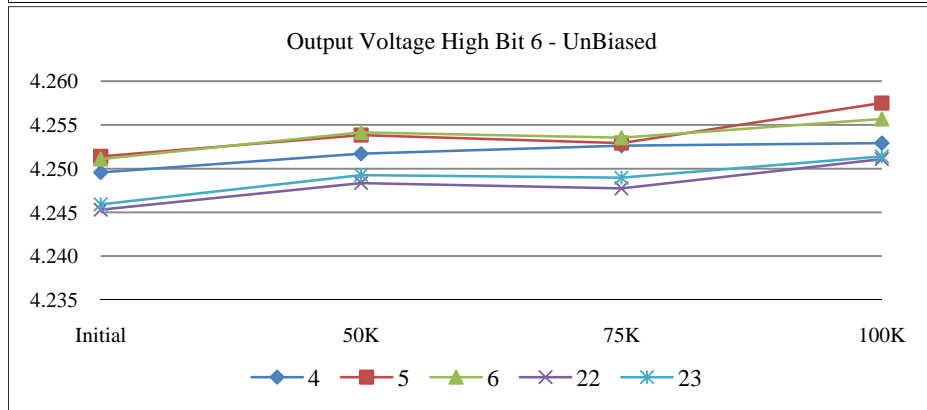
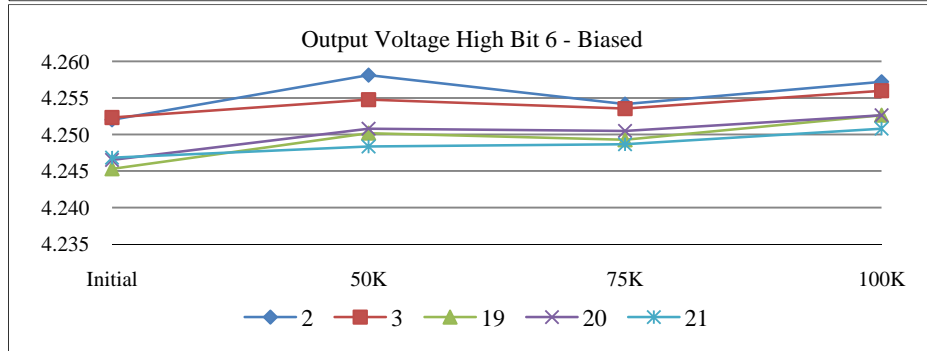
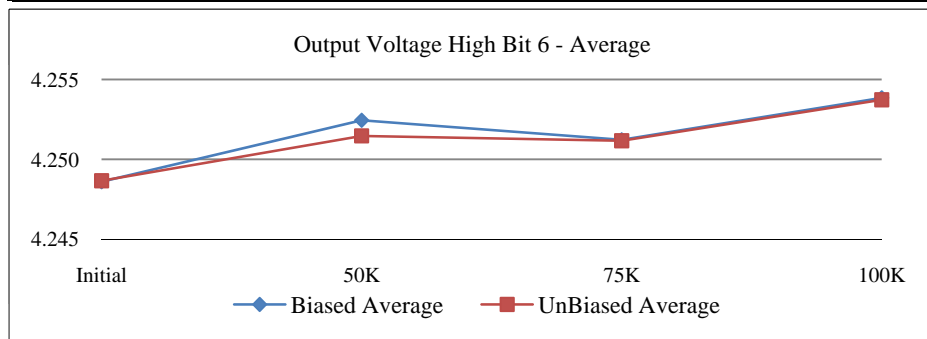
	T#25	Voh Bit 4				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2502	4.2548	4.2542	4.2584	>3.5
	17	4.2465	4.2487	4.2471	4.2520	
Biased	2	4.2502	4.2560	4.2529	4.2551	
	3	4.2493	4.2517	4.2502	4.2532	
	19	4.2447	4.2496	4.2490	4.2517	
	20	4.2459	4.2499	4.2496	4.2523	
	21	4.2453	4.2474	4.2474	4.2496	
	Min	4.2447	4.2474	4.2474	4.2496	
	Max	4.2502	4.2560	4.2529	4.2551	
	Average	4.2471	4.2509	4.2498	4.2524	
UnBiased	4	4.2499	4.2520	4.2526	4.2532	
	5	4.2502	4.2523	4.2520	4.2563	
	6	4.2499	4.2529	4.2523	4.2538	
	22	4.2444	4.2477	4.2474	4.2499	
	23	4.2444	4.2477	4.2474	4.2496	
	Min	4.2444	4.2477	4.2474	4.2496	
	Max	4.2502	4.2529	4.2526	4.2563	
	Average	4.2477	4.2505	4.2504	4.2526	



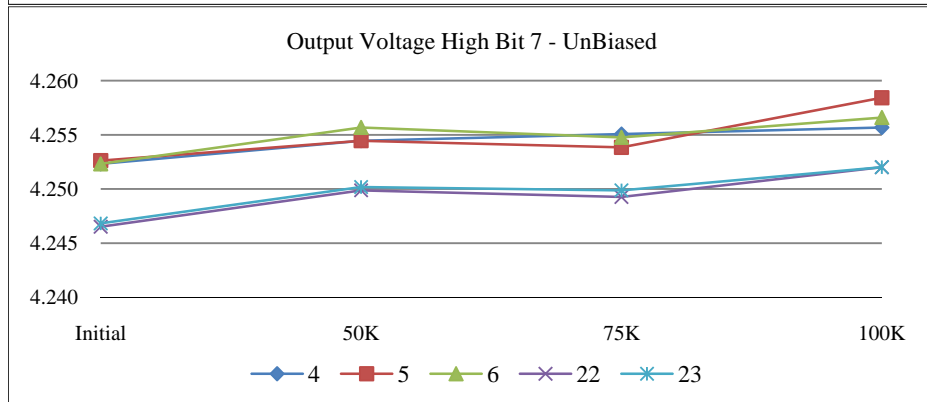
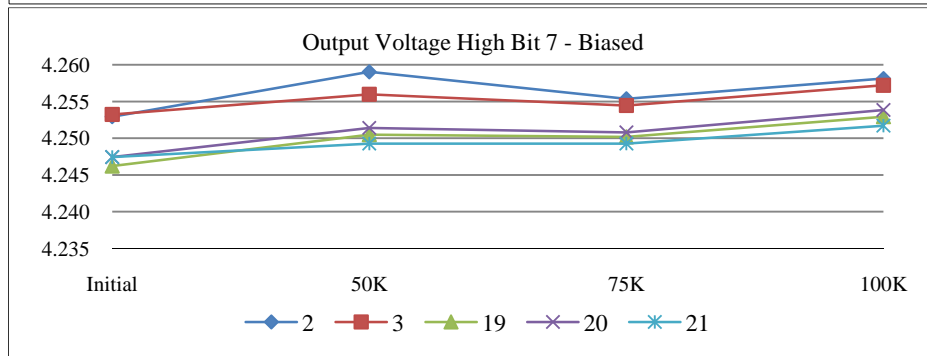
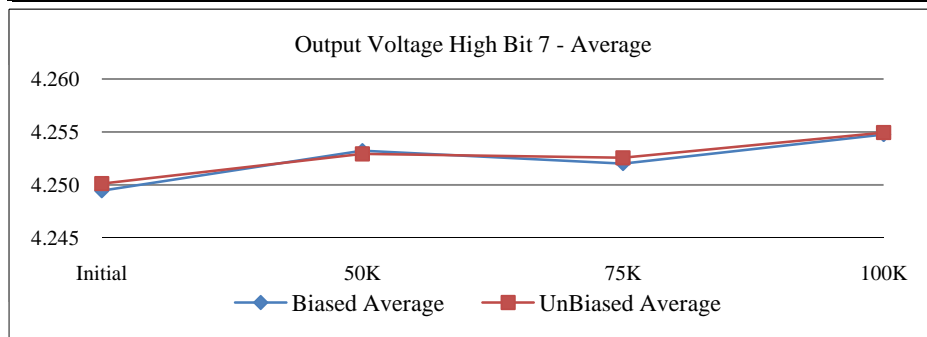
	T#26	Voh Bit 5				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2505	4.2554	4.2545	4.2587	>3.5
	17	4.2471	4.2493	4.2477	4.2529	
Biased	2	4.2511	4.2572	4.2542	4.2566	
	3	4.2511	4.2538	4.2529	4.2554	
	19	4.2453	4.2499	4.2490	4.2517	
	20	4.2462	4.2505	4.2502	4.2529	
	21	4.2462	4.2477	4.2480	4.2502	
	Min	4.2453	4.2477	4.2480	4.2502	
	Max	4.2511	4.2572	4.2542	4.2566	
	Average	4.2480	4.2518	4.2509	4.2534	
UnBiased	4	4.2508	4.2529	4.2535	4.2542	
	5	4.2484	4.2505	4.2502	4.2548	
	6	4.2508	4.2535	4.2532	4.2551	
	22	4.2441	4.2477	4.2474	4.2499	
	23	4.2453	4.2490	4.2484	4.2508	
	Min	4.2441	4.2477	4.2474	4.2499	
	Max	4.2508	4.2535	4.2535	4.2551	
	Average	4.2479	4.2507	4.2505	4.2529	



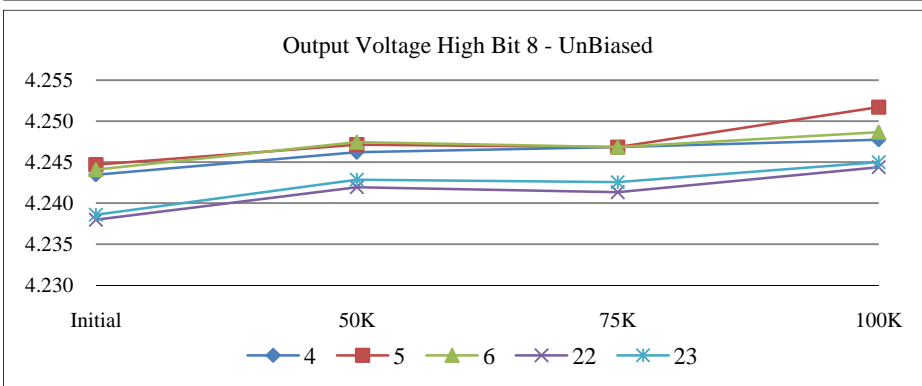
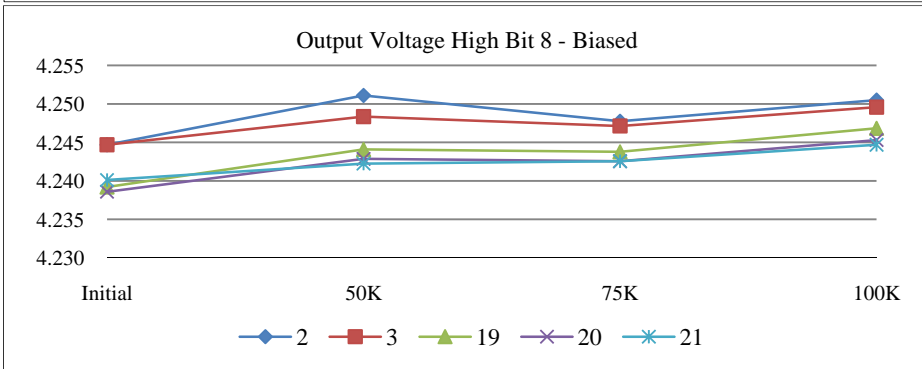
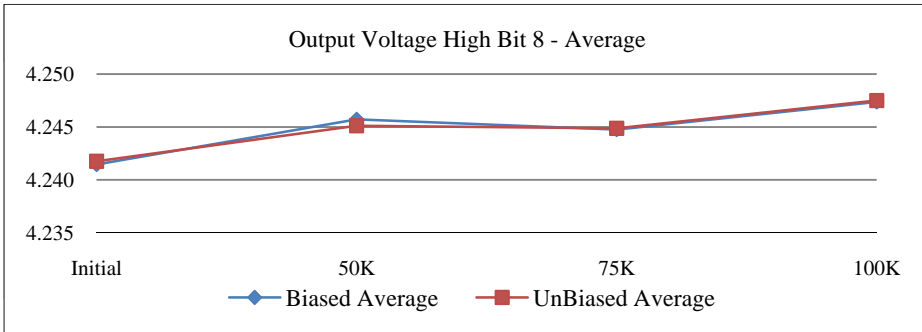
	T#27	Voh Bit 6				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2514	4.2560	4.2554	4.2596	>3.5
	17	4.2468	4.2493	4.2477	4.2526	
Biased	2	4.2520	4.2581	4.2542	4.2572	
	3	4.2523	4.2548	4.2535	4.2560	
	19	4.2453	4.2502	4.2493	4.2526	
	20	4.2465	4.2508	4.2505	4.2526	
	21	4.2468	4.2484	4.2487	4.2508	
	Min	4.2453	4.2484	4.2487	4.2508	
	Max	4.2523	4.2581	4.2542	4.2572	
	Average	4.2486	4.2524	4.2512	4.2538	
UnBiased	4	4.2496	4.2517	4.2526	4.2529	
	5	4.2514	4.2538	4.2529	4.2575	
	6	4.2511	4.2542	4.2535	4.2557	
	22	4.2453	4.2484	4.2477	4.2511	
	23	4.2459	4.2493	4.2490	4.2514	
	Min	4.2453	4.2484	4.2477	4.2511	
	Max	4.2514	4.2542	4.2535	4.2575	
	Average	4.2487	4.2515	4.2512	4.2537	



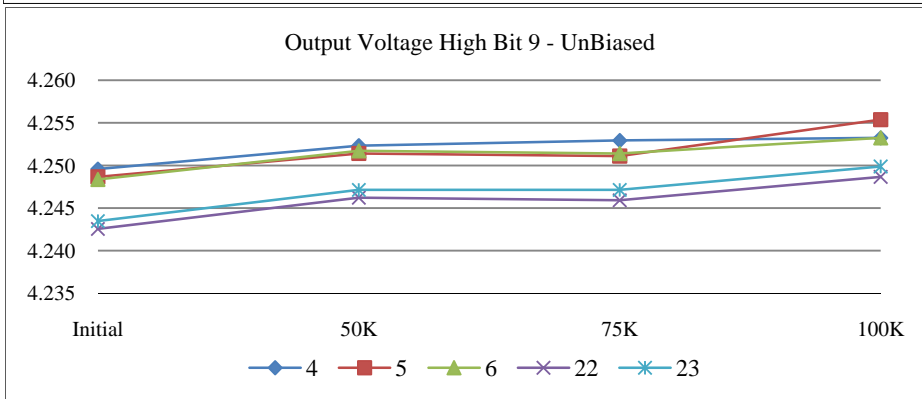
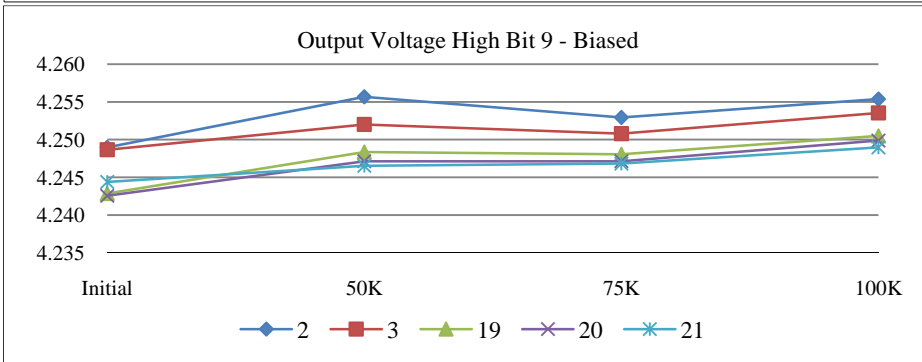
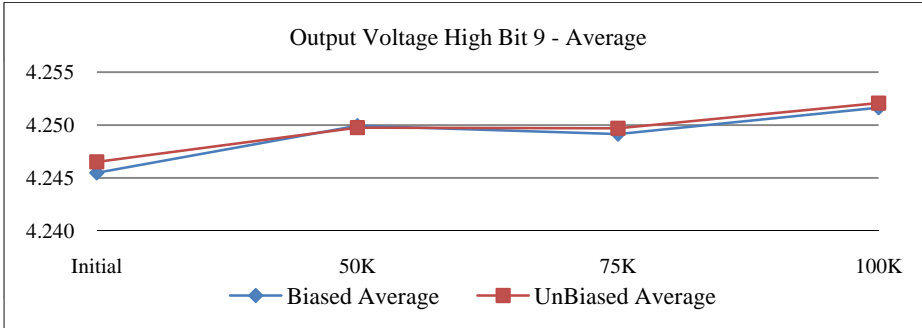
	T#28	Voh Bit 7				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2523	4.2566	4.2560	4.2606	>3.5
	17	4.2487	4.2505	4.2493	4.2538	
Biased	2	4.2529	4.2590	4.2554	4.2581	
	3	4.2532	4.2560	4.2545	4.2572	
	19	4.2462	4.2505	4.2502	4.2529	
	20	4.2474	4.2514	4.2508	4.2538	
	21	4.2474	4.2493	4.2493	4.2517	
	Min	4.2462	4.2493	4.2493	4.2517	
	Max	4.2532	4.2590	4.2554	4.2581	
	Average	4.2495	4.2532	4.2520	4.2548	
UnBiased	4	4.2523	4.2545	4.2551	4.2557	
	5	4.2526	4.2545	4.2538	4.2584	
	6	4.2523	4.2557	4.2548	4.2566	
	22	4.2465	4.2499	4.2493	4.2520	
	23	4.2468	4.2502	4.2499	4.2520	
	Min	4.2465	4.2499	4.2493	4.2520	
	Max	4.2526	4.2557	4.2551	4.2584	
	Average	4.2501	4.2529	4.2526	4.2549	



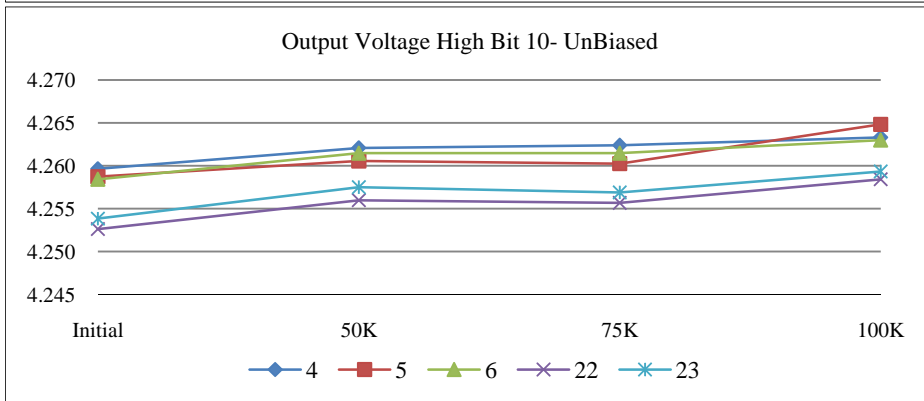
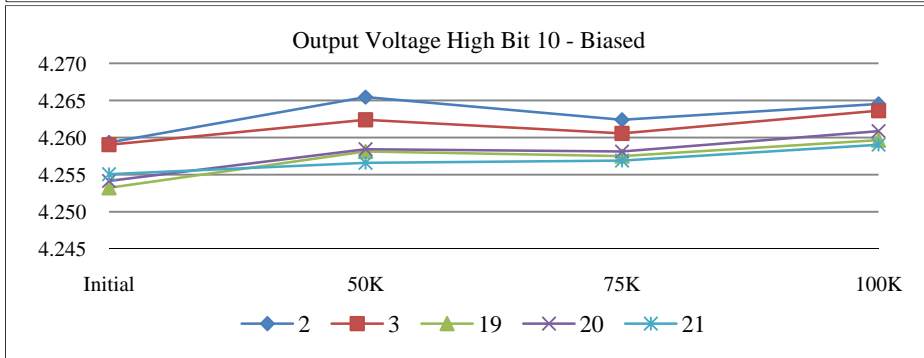
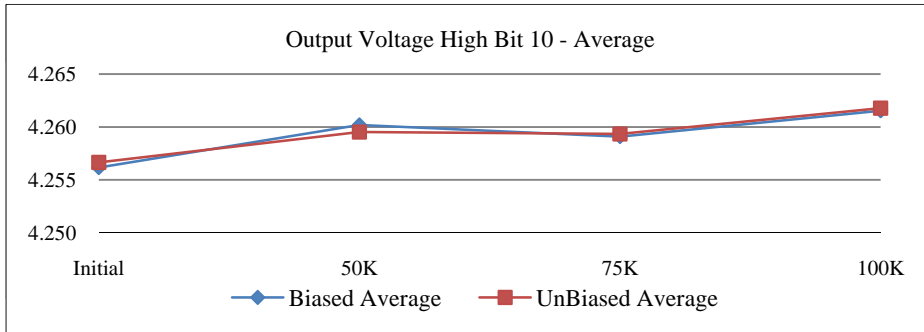
	T#29	Voh Bit 8				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2441	4.2487	4.2484	4.2526	>3.5
	17	4.2395	4.2419	4.2407	4.2456	
Biased	2	4.2447	4.2511	4.2477	4.2505	
	3	4.2447	4.2484	4.2471	4.2496	
	19	4.2392	4.2441	4.2438	4.2468	
	20	4.2386	4.2429	4.2426	4.2453	
	21	4.2401	4.2422	4.2426	4.2447	
	Min	4.2386	4.2422	4.2426	4.2447	
	Max	4.2447	4.2511	4.2477	4.2505	
	Average	4.2415	4.2457	4.2448	4.2474	
UnBiased	4	4.2435	4.2462	4.2468	4.2477	
	5	4.2447	4.2471	4.2468	4.2517	
	6	4.2441	4.2474	4.2468	4.2487	
	22	4.2380	4.2419	4.2413	4.2444	
	23	4.2386	4.2429	4.2426	4.2450	
	Min	4.2380	4.2419	4.2413	4.2444	
	Max	4.2447	4.2474	4.2468	4.2517	
	Average	4.2418	4.2451	4.2449	4.2475	



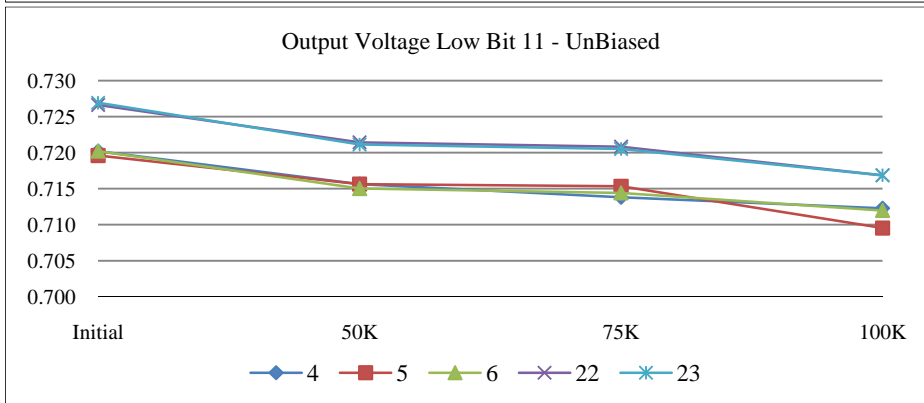
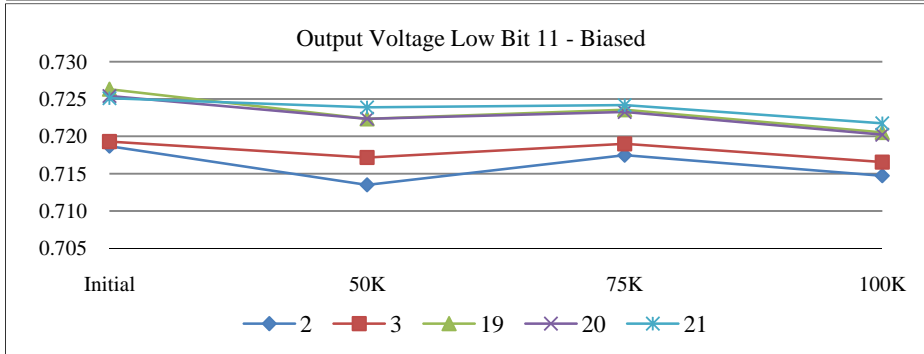
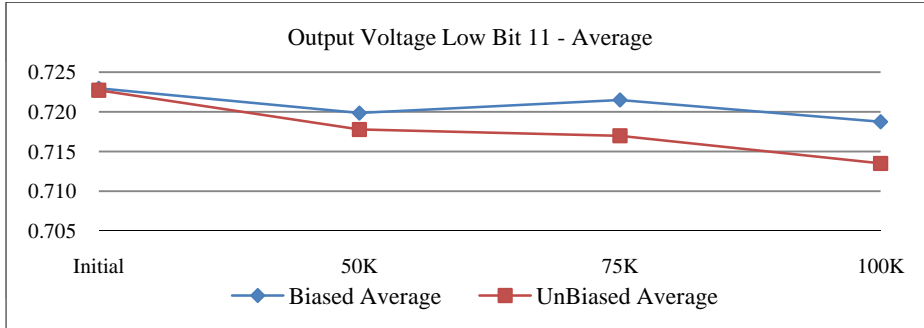
	T#30	Voh Bit 9				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2484	4.2538	4.2529	4.2575	>3.5
	17	4.2453	4.2480	4.2468	4.2517	
Biased	2	4.2490	4.2557	4.2529	4.2554	
	3	4.2487	4.2520	4.2508	4.2535	
	19	4.2429	4.2484	4.2480	4.2505	
	20	4.2426	4.2471	4.2471	4.2499	
	21	4.2444	4.2465	4.2468	4.2490	
	Min	4.2426	4.2465	4.2468	4.2490	
	Max	4.2490	4.2557	4.2529	4.2554	
	Average	4.2455	4.2499	4.2491	4.2516	
UnBiased	4	4.2496	4.2523	4.2529	4.2532	
	5	4.2487	4.2514	4.2511	4.2554	
	6	4.2484	4.2517	4.2514	4.2532	
	22	4.2426	4.2462	4.2459	4.2487	
	23	4.2435	4.2471	4.2471	4.2499	
	Min	4.2426	4.2462	4.2459	4.2487	
	Max	4.2496	4.2523	4.2529	4.2554	
	Average	4.2465	4.2498	4.2497	4.2521	



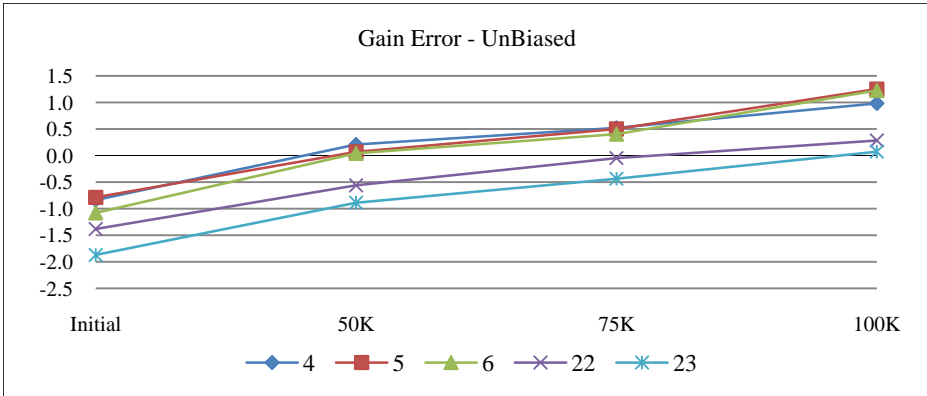
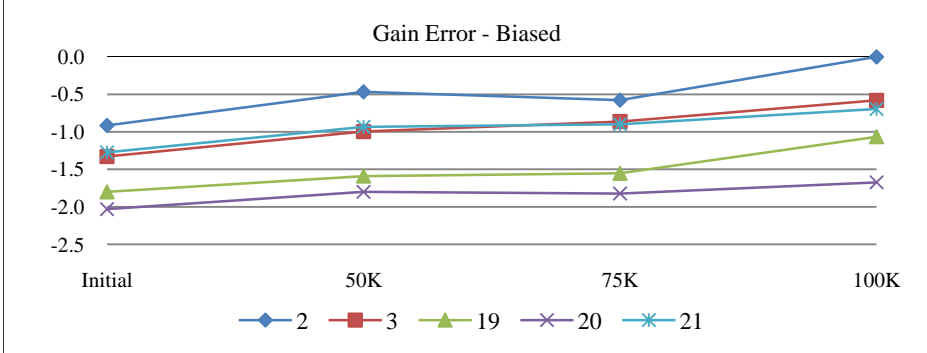
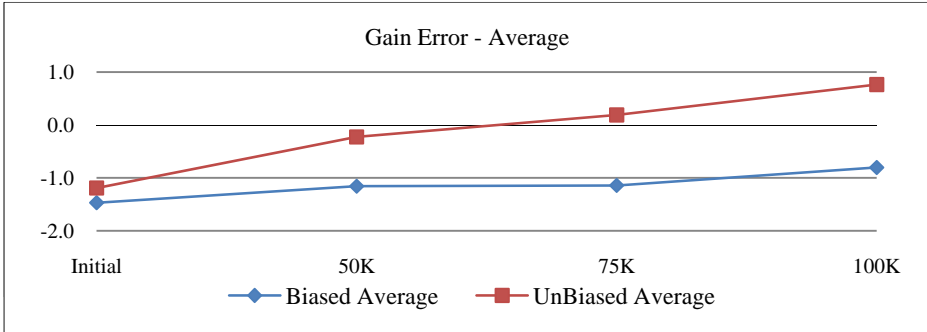
	T#31	Voh Bit 10				V
	SN	Initial	50K	75K	100K	Limit
Control	10	4.2581	4.2627	4.2621	4.2664	>3.5
	17	4.2557	4.2578	4.2566	4.2618	
Biased	2	4.2593	4.2654	4.2624	4.2645	
	3	4.2590	4.2624	4.2606	4.2636	
	19	4.2532	4.2581	4.2575	4.2596	
	20	4.2542	4.2584	4.2581	4.2609	
	21	4.2551	4.2566	4.2569	4.2590	
	Min	4.2532	4.2566	4.2569	4.2590	
	Max	4.2593	4.2654	4.2624	4.2645	
	Average	4.2562	4.2602	4.2591	4.2615	
UnBiased	4	4.2596	4.2621	4.2624	4.2633	
	5	4.2587	4.2606	4.2603	4.2648	
	6	4.2584	4.2615	4.2615	4.2630	
	22	4.2526	4.2560	4.2557	4.2584	
	23	4.2538	4.2575	4.2569	4.2593	
	Min	4.2526	4.2560	4.2557	4.2584	
	Max	4.2596	4.2621	4.2624	4.2648	
	Average	4.2567	4.2595	4.2593	4.2618	



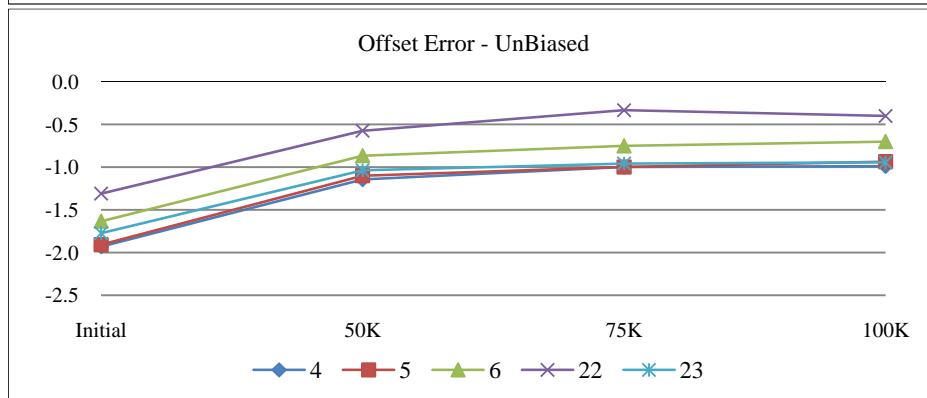
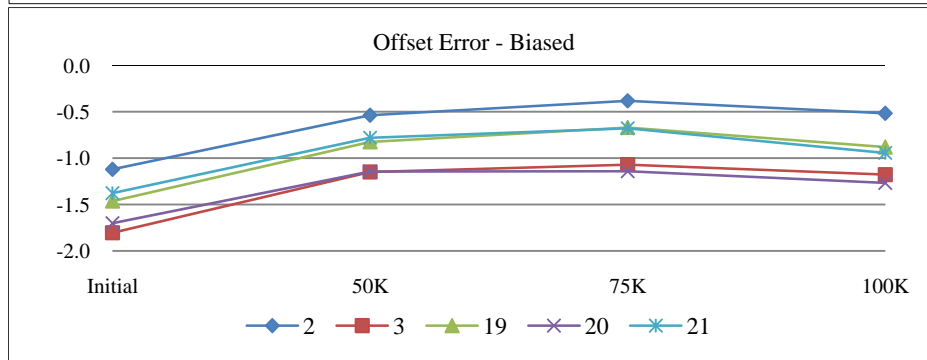
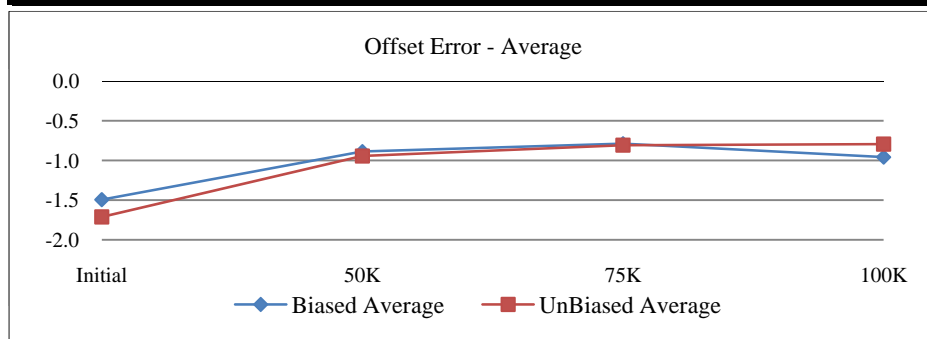
	T#32	Vol Bit 11				V
	SN	Initial	50K	75K	100K	Limit
Control	10	0.7202	0.7169	0.7175	0.7132	<0.8
	17	0.7233	0.7227	0.7242	0.7190	
Biased	2	0.7187	0.7135	0.7175	0.7147	
	3	0.7193	0.7172	0.7190	0.7166	
	19	0.7263	0.7224	0.7236	0.7205	
	20	0.7254	0.7224	0.7233	0.7202	
	21	0.7251	0.7239	0.7242	0.7217	
	Min	0.7187	0.7135	0.7175	0.7147	
	Max	0.7263	0.7239	0.7242	0.7217	
	Average	0.7230	0.7198	0.7215	0.7187	
UnBiased	4	0.7202	0.7156	0.7138	0.7123	
	5	0.7196	0.7156	0.7153	0.7095	
	6	0.7202	0.7150	0.7144	0.7120	
	22	0.7266	0.7214	0.7208	0.7169	
	23	0.7269	0.7211	0.7205	0.7169	
	Min	0.7196	0.7150	0.7138	0.7095	
	Max	0.7269	0.7214	0.7208	0.7169	
	Average	0.7227	0.7178	0.7170	0.7135	



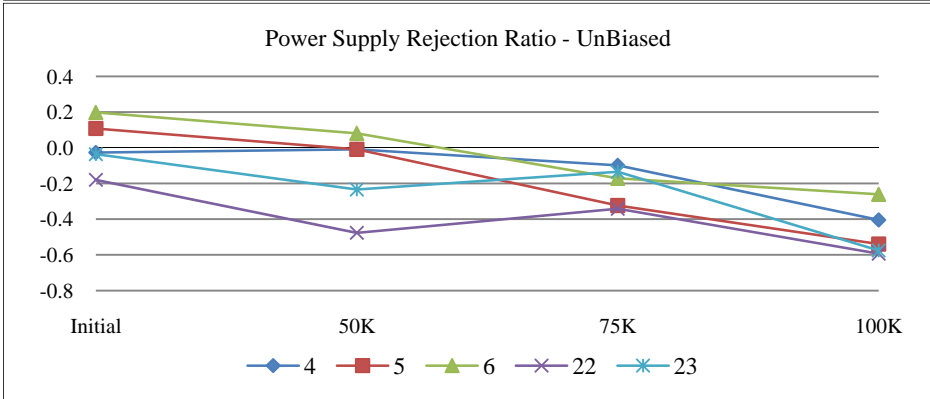
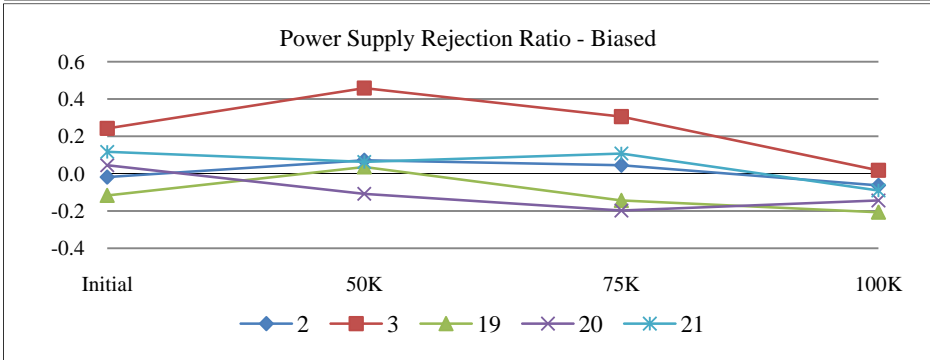
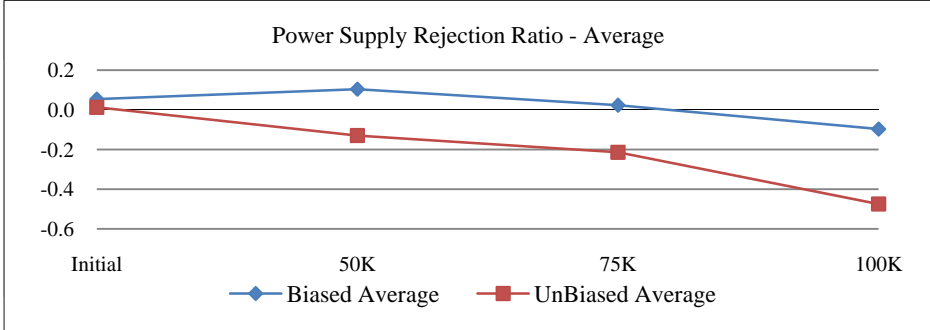
	T#33	Gain Error				%FS
	SN	Initial	50K	75K	100K	Limit
Control	10	-0.8518	-0.6315	-0.7554	-0.3463	+/-6.5
	17	-1.4864	-1.4195	-1.4036	-1.3924	
Biased	2	-0.9147	-0.4656	-0.5770	-0.0002	
	3	-1.3291	-0.9965	-0.8629	-0.5801	
	19	-1.8011	-1.5903	-1.5533	-1.0665	
	20	-2.0307	-1.8012	-1.8230	-1.6738	
	21	-1.2739	-0.9331	-0.8993	-0.6956	
	Min	-2.0307	-1.8012	-1.8230	-1.6738	
	Max	-0.9147	-0.4656	-0.5770	-0.0002	
	Average	-1.4699	-1.1573	-1.1431	-0.8032	
UnBiased	4	-0.8370	0.2078	0.5226	0.9838	
	5	-0.7866	0.0703	0.5006	1.2522	
	6	-1.0783	0.0424	0.4053	1.2256	
	22	-1.3822	-0.5595	-0.0470	0.2852	
	23	-1.8707	-0.8882	-0.4349	0.0735	
	Min	-1.8707	-0.8882	-0.4349	0.0735	
	Max	-0.7866	0.2078	0.5226	1.2522	
	Average	-1.1910	-0.2255	0.1893	0.7641	



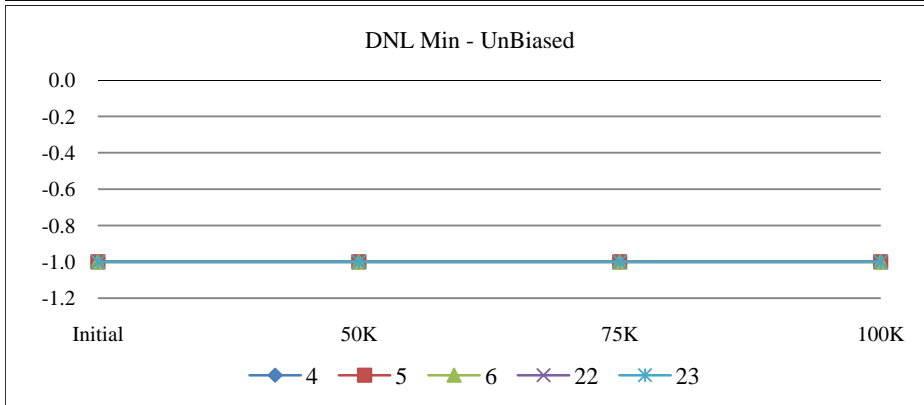
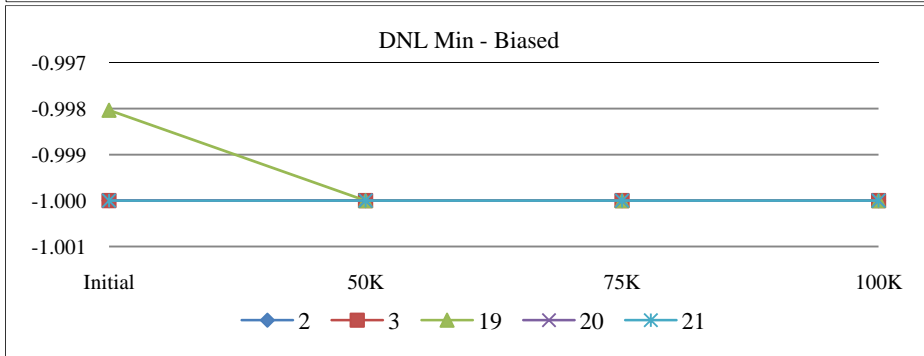
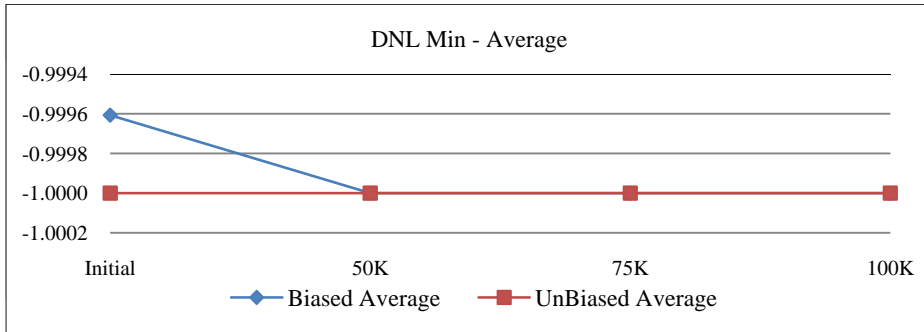
T#34		Offset Error				mV
SN		Initial	50K	75K	100K	Limit
Control	10	-1.8137	-1.4011	-1.2860	-1.4118	+/-10
	17	-1.4272	-1.0009	-0.9443	-0.9623	
Biased	2	-1.1216	-0.5379	-0.3824	-0.5172	
	3	-1.8048	-1.1493	-1.0702	-1.1781	
	19	-1.4632	-0.8256	-0.6701	-0.8814	
	20	-1.7014	-1.1448	-1.1421	-1.2680	
	21	-1.3778	-0.7807	-0.6791	-0.9443	
	Min	-1.8048	-1.1493	-1.1421	-1.2680	
	Max	-1.1216	-0.5379	-0.3824	-0.5172	
	Average	-1.4937	-0.8877	-0.7888	-0.9578	
UnBiased	4	-1.9306	-1.1448	-0.9983	-0.9893	
	5	-1.9081	-1.0999	-0.9983	-0.9353	
	6	-1.6339	-0.8661	-0.7510	-0.7015	
	22	-1.3103	-0.5739	-0.3330	-0.4004	
	23	-1.7733	-1.0369	-0.9578	-0.9443	
	Min	-1.9306	-1.1448	-0.9983	-0.9893	
	Max	-1.3103	-0.5739	-0.3330	-0.4004	
	Average	-1.7113	-0.9443	-0.8077	-0.7942	



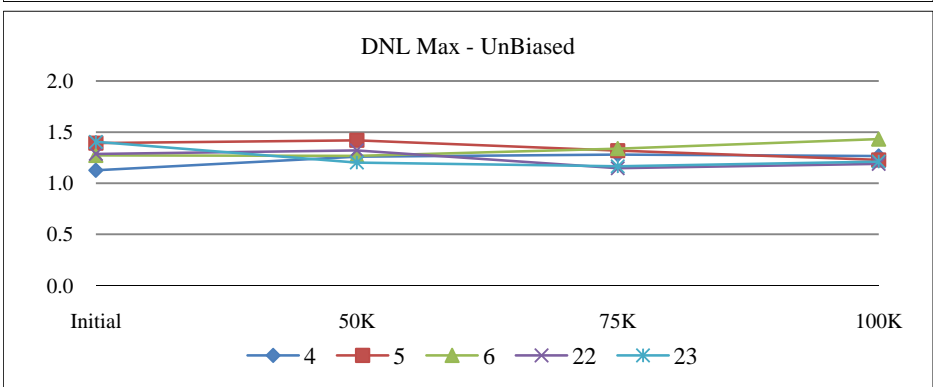
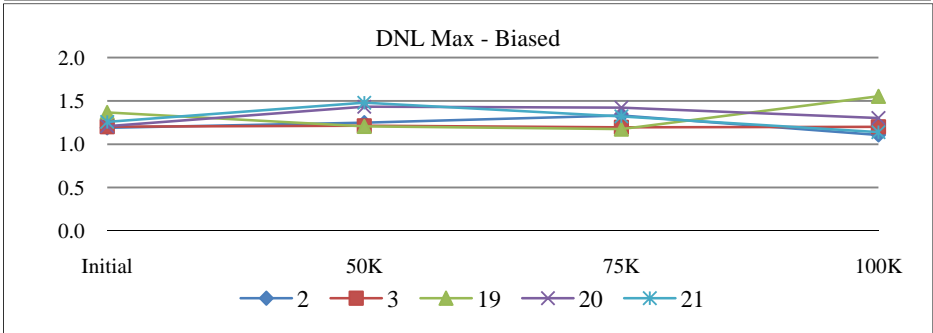
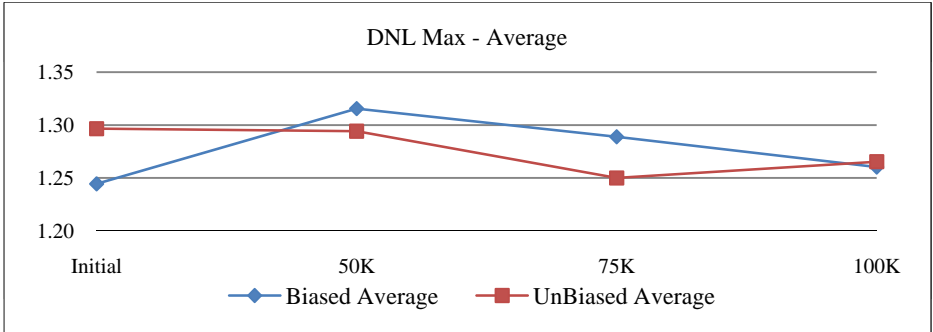
T#35		PSRR				mV/V
SN		Initial	50K	75K	100K	Limit
Control	10	0.3147	0.2068	0.0809	-0.1528	+/-20
	17	0.1079	0.0271	0.0809	-0.1439	
Biased	2	-0.0180	0.0719	0.0449	-0.0629	
	3	0.2427	0.4585	0.3057	0.0179	
	19	-0.1169	0.0359	-0.1438	-0.2067	
	20	0.0449	-0.1079	-0.1978	-0.1438	
	21	0.1168	0.0629	0.1079	-0.0899	
	Min	-0.1169	-0.1079	-0.1978	-0.2067	
	Max	0.2427	0.4585	0.3057	0.0179	
Average	0.0539	0.1043	0.0234	-0.0971		
UnBiased	4	-0.0269	-0.0091	-0.0989	-0.4046	
	5	0.1079	-0.0091	-0.3237	-0.5394	
	6	0.1978	0.0809	-0.1708	-0.2607	
	22	-0.1798	-0.4765	-0.3417	-0.5933	
	23	-0.0360	-0.2338	-0.1348	-0.5754	
	Min	-0.1798	-0.4765	-0.3417	-0.5933	
	Max	0.1978	0.0809	-0.0989	-0.2607	
	Average	0.0126	-0.1295	-0.2140	-0.4747	



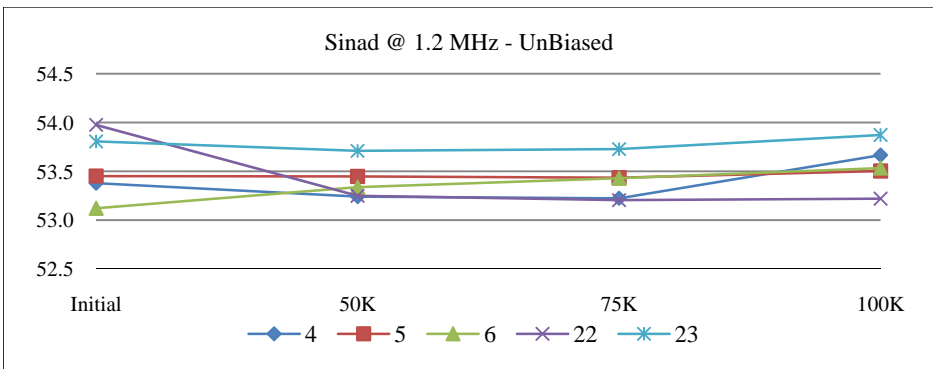
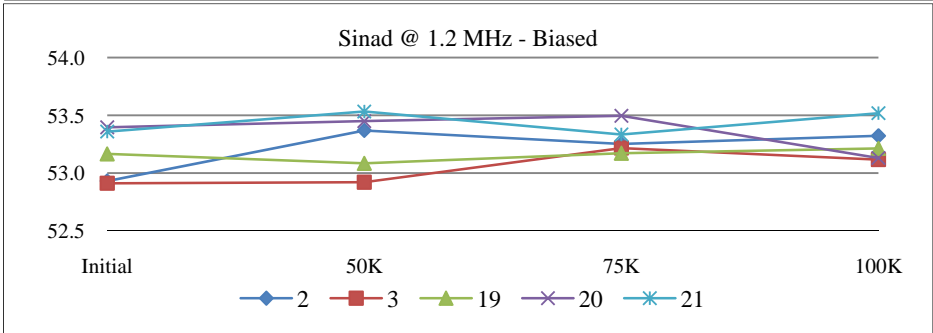
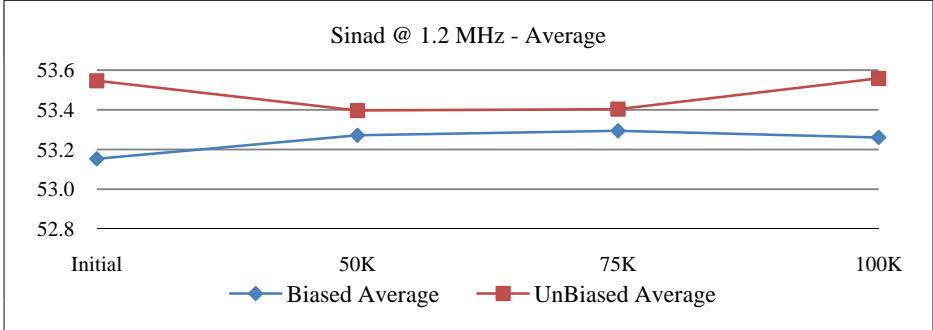
	T#36	DNL min				LSB
	SN	Initial	50K	75K	100K	Limit
Control	10	-1.000	-1.000	-1.000	-1.000	+/-2
	17	-1.000	-1.000	-1.000	-1.000	
Biased	2	-1.000	-1.000	-1.000	-1.000	
	3	-1.000	-1.000	-1.000	-1.000	
	19	-0.998	-1.000	-1.000	-1.000	
	20	-1.000	-1.000	-1.000	-1.000	
	21	-1.000	-1.000	-1.000	-1.000	
	Min	-1.000	-1.000	-1.000	-1.000	
	Max	-0.998	-1.000	-1.000	-1.000	
Average	-1.000	-1.000	-1.000	-1.000		
UnBiased	4	-1.000	-1.000	-1.000	-1.000	
	5	-1.000	-1.000	-1.000	-1.000	
	6	-1.000	-1.000	-1.000	-1.000	
	22	-1.000	-1.000	-1.000	-1.000	
	23	-1.000	-1.000	-1.000	-1.000	
	Min	-1.000	-1.000	-1.000	-1.000	
	Max	-1.000	-1.000	-1.000	-1.000	
Average	-1.000	-1.000	-1.000	-1.000		



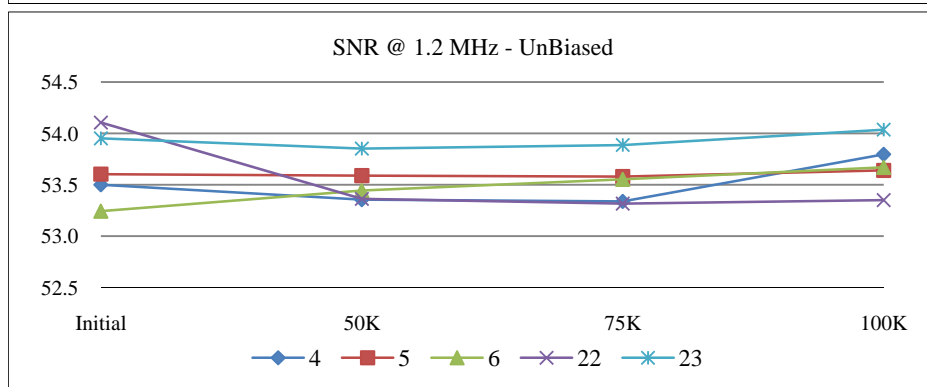
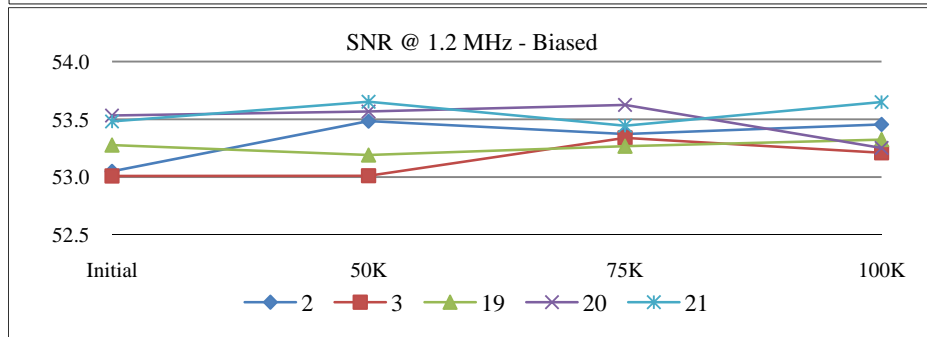
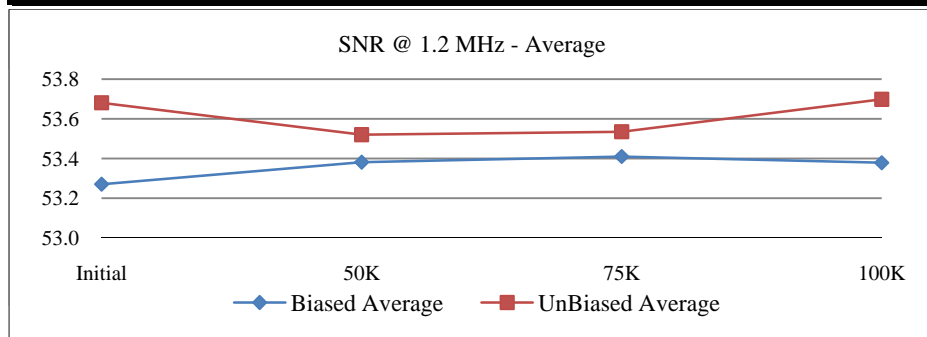
	T#37	DNL max				LSB
	SN	Initial	50K	75K	100K	Limit
Control	10	1.2500	1.3073	1.3683	1.5517	+/-2
	17	1.1842	1.2043	1.2302	1.3127	
Biased	2	1.1894	1.2483	1.3316	1.1072	
	3	1.2017	1.2131	1.1953	1.2010	
	19	1.3664	1.2055	1.1743	1.5528	
	20	1.2080	1.4324	1.4223	1.3021	
	21	1.2569	1.4785	1.3213	1.1388	
	Min	1.1894	1.2055	1.1743	1.1072	
	Max	1.3664	1.4785	1.4223	1.5528	
Average	1.2445	1.3156	1.2890	1.2604		
UnBiased	4	1.1265	1.2593	1.2802	1.2659	
	5	1.3925	1.4201	1.3189	1.2283	
	6	1.2719	1.2680	1.3389	1.4315	
	22	1.2869	1.3212	1.1467	1.1891	
	23	1.4051	1.2025	1.1652	1.2121	
	Min	1.1265	1.2025	1.1467	1.1891	
	Max	1.4051	1.4201	1.3389	1.4315	
	Average	1.2965	1.2942	1.2500	1.2654	



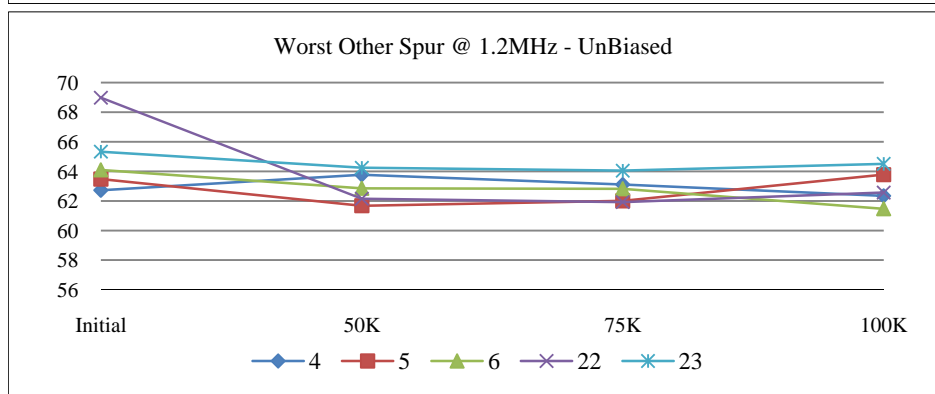
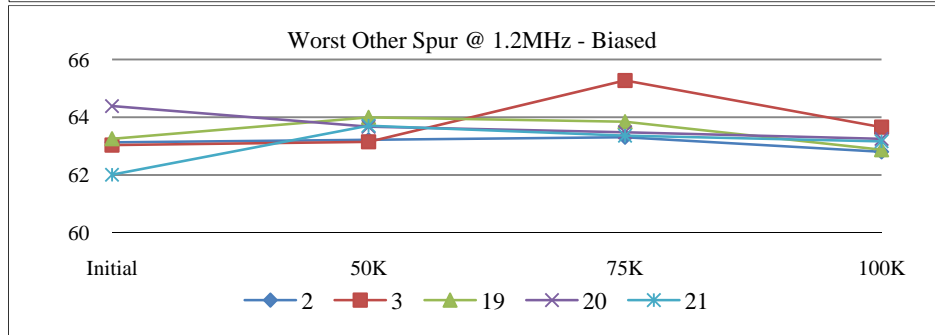
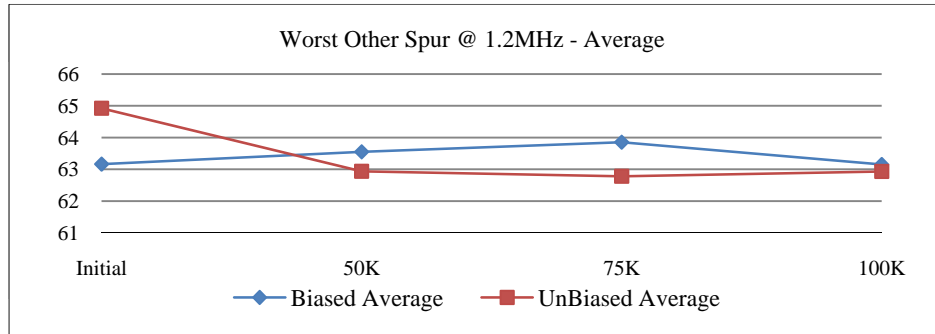
	T#40	SINAD @1.2 MHz				dB
	SN	Initial	50K	75K	100K	Limit
Control	10	53.1539	53.2618	53.0756	53.3178	>52
	17	53.3235	53.2887	53.2695	53.0449	
Biased	2	52.9313	53.3692	53.2524	53.3224	
	3	52.9120	52.9214	53.2167	53.1172	
	19	53.1658	53.0841	53.1719	53.2137	
	20	53.3964	53.4500	53.4961	53.1311	
	21	53.3591	53.5329	53.3341	53.5187	
	Min	52.9120	52.9214	53.1719	53.1172	
	Max	53.3964	53.5329	53.4961	53.5187	
Average	53.1529	53.2715	53.2942	53.2606		
UnBiased	4	53.3785	53.2400	53.2232	53.6656	
	5	53.4513	53.4473	53.4347	53.5029	
	6	53.1210	53.3372	53.4287	53.5328	
	22	53.9758	53.2488	53.2038	53.2191	
	23	53.8057	53.7091	53.7271	53.8721	
	Min	53.1210	53.2400	53.2038	53.2191	
	Max	53.9758	53.7091	53.7271	53.8721	
Average	53.5465	53.3965	53.4035	53.5585		



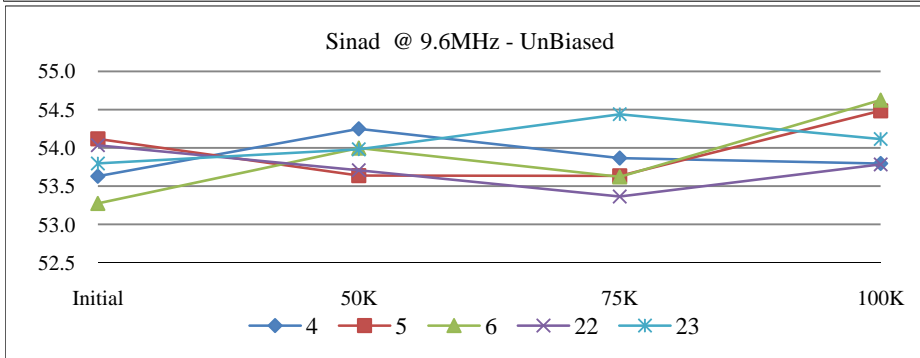
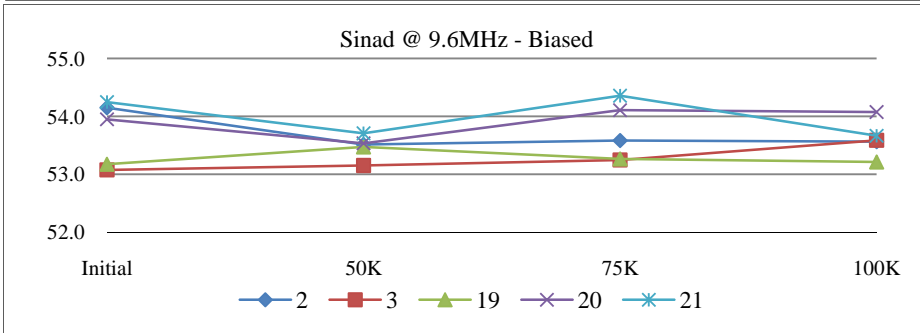
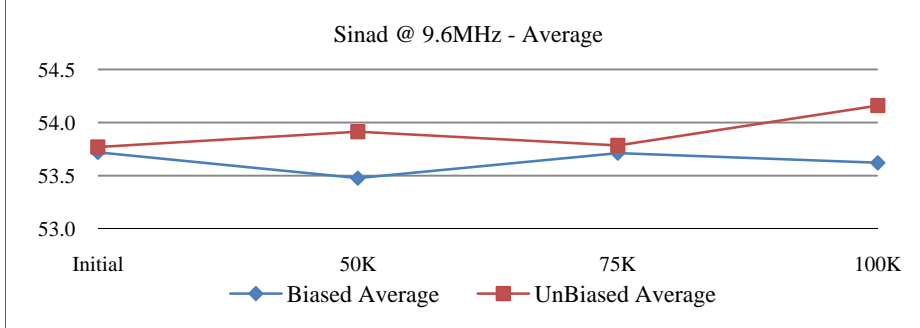
	T#41	SNR @1.2 MHz				dB
	SN	Initial	50K	75K	100K	Limit
Control	10	53.2844	53.4135	53.1980	53.4671	>52
	17	53.4300	53.4079	53.3747	53.1358	
Biased	2	53.0504	53.4845	53.3725	53.4564	
	3	53.0102	53.0117	53.3400	53.2108	
	19	53.2772	53.1912	53.2674	53.3247	
	20	53.5330	53.5673	53.6249	53.2523	
	21	53.4818	53.6523	53.4452	53.6493	
	Min	53.0102	53.0117	53.2674	53.2108	
	Max	53.5330	53.6523	53.6249	53.6493	
	Average	53.2705	53.3814	53.4100	53.3787	
UnBiased	4	53.5003	53.3546	53.3376	53.7961	
	5	53.6035	53.5886	53.5798	53.6396	
	6	53.2429	53.4435	53.5533	53.6695	
	22	54.1057	53.3621	53.3161	53.3504	
	23	53.9521	53.8524	53.8872	54.0364	
	Min	53.2429	53.3546	53.3161	53.3504	
	Max	54.1057	53.8524	53.8872	54.0364	
	Average	53.6809	53.5202	53.5348	53.6984	



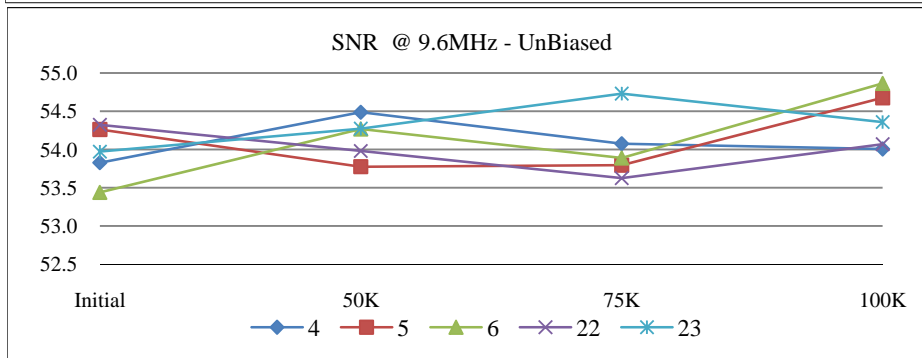
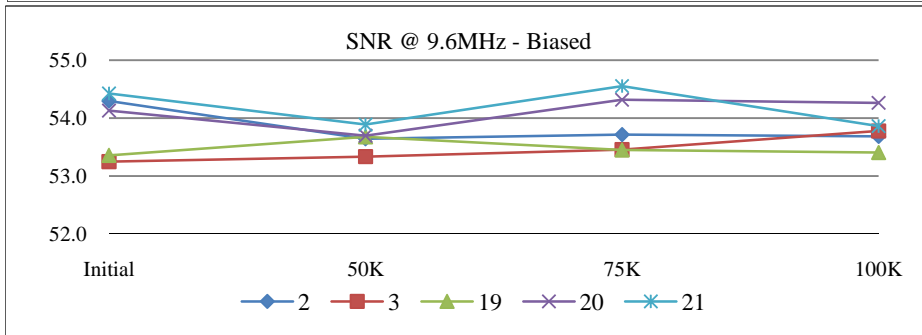
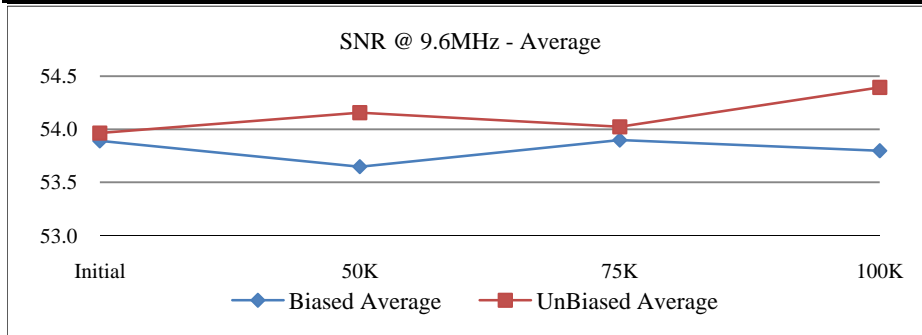
	T#42	Worst Spur - 1.2MHz				dBc
	SN	Initial	50K	75K	100K	Limit
Control	10	62.1779	60.9280	63.6935	61.9915	>57
	17	61.2943	61.6762	62.3056	62.9419	
Biased	2	63.1311	63.2202	63.3073	62.8028	
	3	63.0360	63.1493	65.2720	63.6569	
	19	63.2548	63.9954	63.8455	62.8736	
	20	64.3863	63.6723	63.4816	63.2535	
	21	62.0096	63.7087	63.3631	63.1659	
	Min	62.0096	63.1493	63.3073	62.8028	
	Max	64.3863	63.9954	65.2720	63.6569	
	Average	63.1636	63.5492	63.8539	63.1505	
UnBiased	4	62.7261	63.7700	63.1087	62.3431	
	5	63.4767	61.6746	62.0057	63.7771	
	6	64.0941	62.8516	62.8178	61.4703	
	22	68.9817	62.1515	61.9231	62.5657	
	23	65.3322	64.2428	64.0491	64.5073	
	Min	62.7261	61.6746	61.9231	61.4703	
	Max	68.9817	64.2428	64.0491	64.5073	
	Average	64.9221	62.9381	62.7809	62.9327	



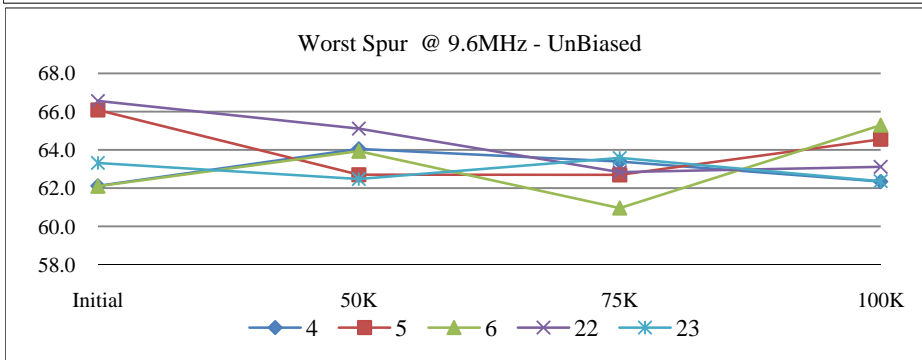
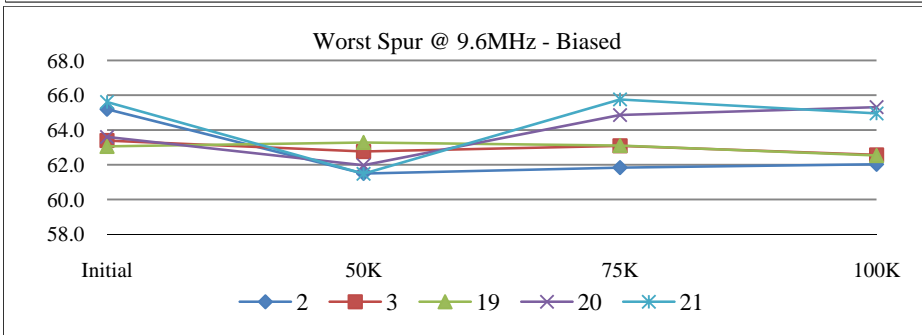
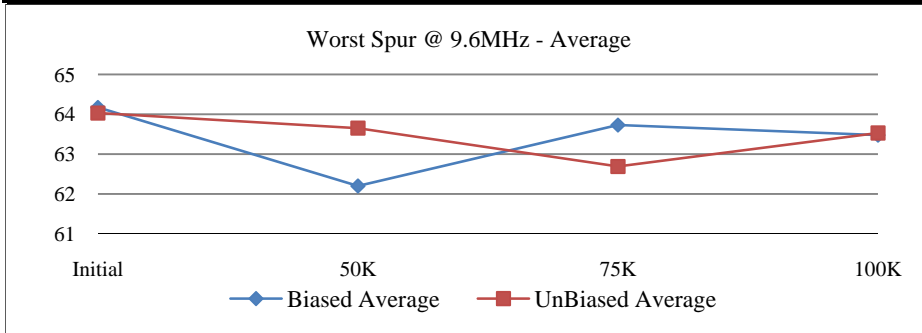
	T#46	SINAD @9.6 MHz				dB
	SN	Initial	50K	75K	100K	Limit
Control	10	53.7601	54.2576	53.3629	53.2476	>52
	17	54.2650	53.5242	53.2212	53.8402	
Biased	2	54.1500	53.5138	53.5825	53.5636	
	3	53.0759	53.1530	53.2471	53.5876	
	19	53.1735	53.4721	53.2648	53.2123	
	20	53.9488	53.5353	54.1072	54.0750	
	21	54.2476	53.7080	54.3568	53.6655	
	Min	53.0759	53.1530	53.2471	53.2123	
	Max	54.2476	53.7080	54.3568	54.0750	
	Average	53.7192	53.4764	53.7117	53.6208	
UnBiased	4	53.6281	54.2490	53.8661	53.7953	
	5	54.1169	53.6369	53.6339	54.4840	
	6	53.2732	53.9971	53.6204	54.6243	
	22	54.0338	53.7068	53.3634	53.7829	
	23	53.7956	53.9804	54.4394	54.1149	
	Min	53.2732	53.6369	53.3634	53.7829	
	Max	54.1169	54.2490	54.4394	54.6243	
	Average	53.7695	53.9141	53.7846	54.1603	



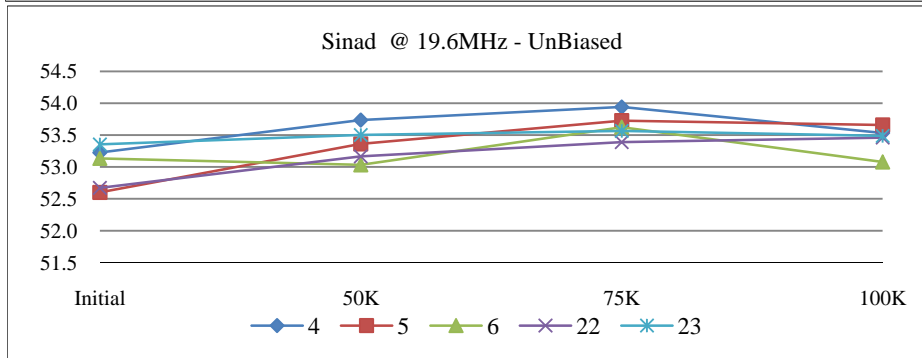
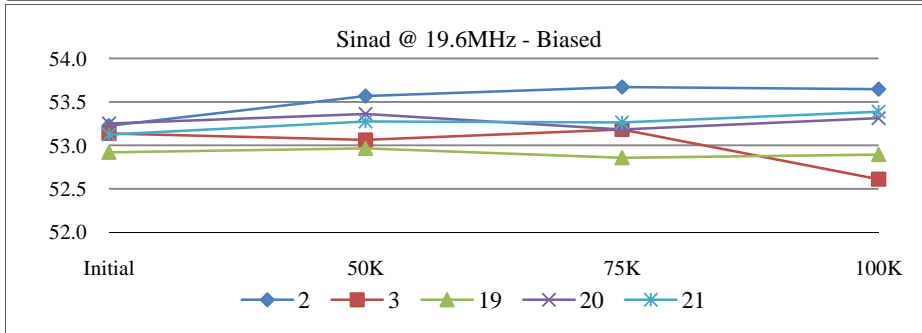
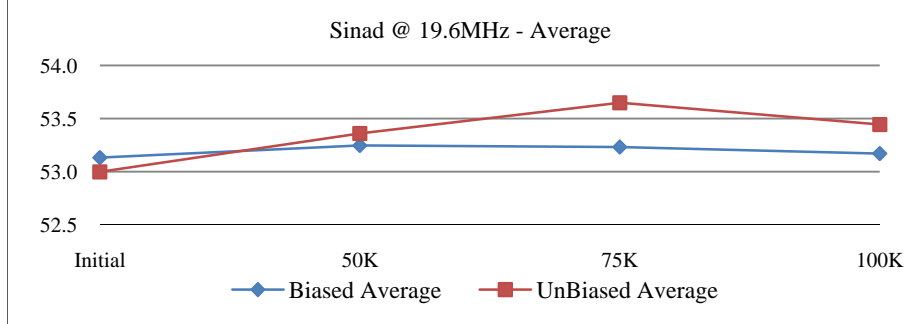
	T#47	SNR @9.6 MHz				dB
	SN	Initial	50K	75K	100K	Limit
Control	10	53.9045	54.3996	53.4899	53.3506	>52
	17	54.5345	53.7463	53.4527	54.0761	
Biased	2	54.2944	53.6428	53.7156	53.6835	
	3	53.2475	53.3340	53.4560	53.7774	
	19	53.3556	53.6762	53.4495	53.4048	
	20	54.1291	53.6947	54.3162	54.2624	
	21	54.4247	53.8876	54.5528	53.8611	
	Min	53.2475	53.3340	53.4495	53.4048	
	Max	54.4247	53.8876	54.5528	54.2624	
	Average	53.8903	53.6471	53.8980	53.7978	
UnBiased	4	53.8270	54.4869	54.0747	54.0064	
	5	54.2613	53.7747	53.7952	54.6752	
	6	53.4394	54.2683	53.8889	54.8635	
	22	54.3224	53.9806	53.6252	54.0691	
	23	53.9718	54.2716	54.7301	54.3584	
	Min	53.4394	53.7747	53.6252	54.0064	
	Max	54.3224	54.4869	54.7301	54.8635	
	Average	53.9644	54.1564	54.0228	54.3945	



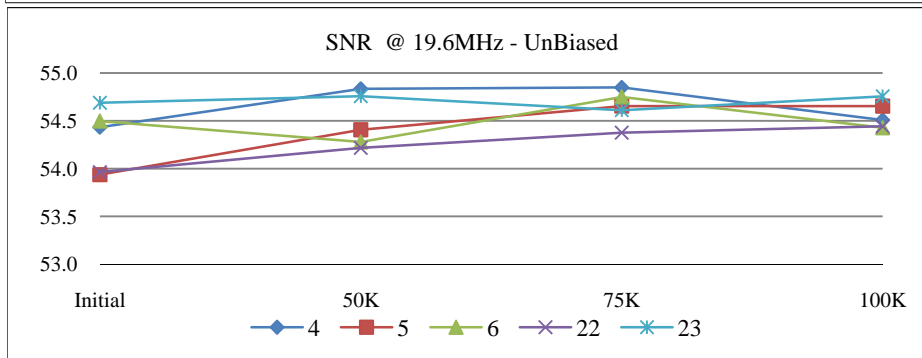
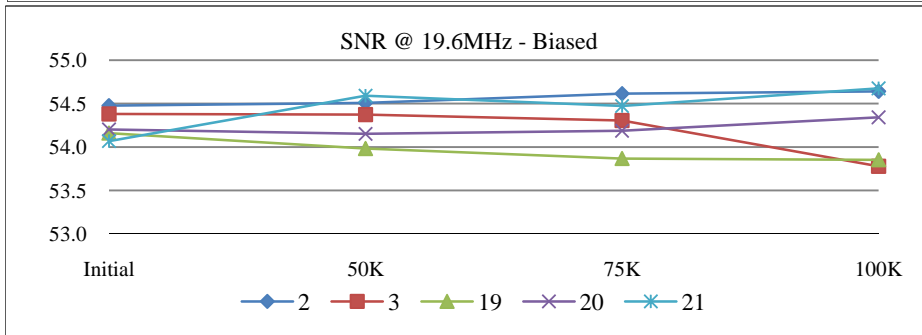
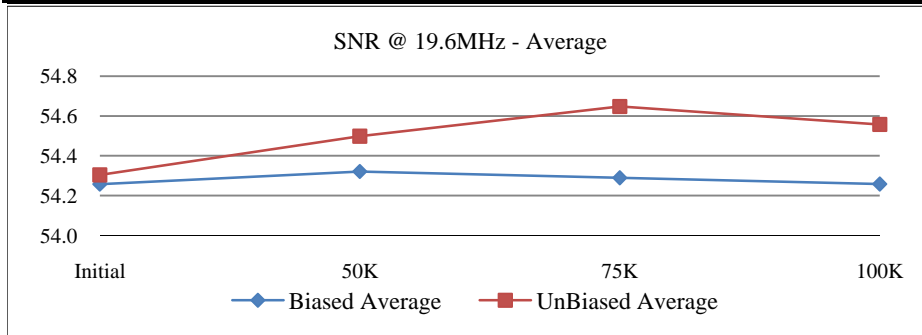
	T#48	Worst Spur				dBc
	SN	Initial	50K	75K	100K	Limit
Control	10	64.7945	67.5143	62.3136	63.1879	>57
	17	64.7690	64.2737	60.7976	64.2720	
Biased	2	65.1943	61.4953	61.8328	62.0228	
	3	63.3925	62.7595	63.0885	62.5666	
	19	63.0594	63.2831	63.1076	62.5303	
	20	63.5992	61.9713	64.8592	65.3148	
	21	65.6113	61.4802	65.7593	64.9507	
	Min	63.0594	61.4802	61.8328	62.0228	
	Max	65.6113	63.2831	65.7593	65.3148	
	Average	64.1713	62.1979	63.7295	63.4770	
UnBiased	4	62.1114	64.0507	63.3892	62.3410	
	5	66.0824	62.6974	62.6929	64.5506	
	6	62.0952	63.9267	60.9541	65.2846	
	22	66.5540	65.1094	62.8316	63.1098	
	23	63.3127	62.4726	63.5745	62.3609	
	Min	62.0952	62.4726	60.9541	62.3410	
	Max	66.5540	65.1094	63.5745	65.2846	
	Average	64.0311	63.6513	62.6885	63.5294	



	T#49	SINAD @19.6 MHz				dB
	SN	Initial	50K	75K	100K	Limit
Control	10	53.0846	52.8192	52.9335	52.9702	>52
	17	52.6385	52.8511	52.8461	52.8821	
Biased	2	53.2260	53.5671	53.6711	53.6468	
	3	53.1377	53.0625	53.1834	52.6108	
	19	52.9195	52.9646	52.8574	52.8939	
	20	53.2510	53.3612	53.1832	53.3131	
	21	53.1246	53.2748	53.2639	53.3879	
	Min	52.9195	52.9646	52.8574	52.6108	
	Max	53.2510	53.5671	53.6711	53.6468	
	Average	53.1317	53.2461	53.2318	53.1705	
UnBiased	4	53.2263	53.7357	53.9408	53.5336	
	5	52.6007	53.3610	53.7261	53.6587	
	6	53.1344	53.0321	53.6225	53.0776	
	22	52.6713	53.1649	53.3882	53.4602	
	23	53.3536	53.5016	53.5650	53.4874	
	Min	52.6007	53.0321	53.3882	53.0776	
	Max	53.3536	53.7357	53.9408	53.6587	
	Average	52.9972	53.3590	53.6485	53.4435	



	T#50	SNR @19.6 MHz				dB
	SN	Initial	50K	75K	100K	Limit
Control	10	54.3002	53.7091	53.8491	53.8151	>52
	17	54.3071	54.2256	54.1006	53.9860	
Biased	2	54.4758	54.5075	54.6143	54.6409	
	3	54.3807	54.3733	54.3050	53.7781	
	19	54.1596	53.9819	53.8673	53.8527	
	20	54.2024	54.1513	54.1870	54.3416	
	21	54.0683	54.5903	54.4720	54.6753	
	Min	54.0683	53.9819	53.8673	53.7781	
	Max	54.4758	54.5903	54.6143	54.6753	
	Average	54.2574	54.3209	54.2891	54.2577	
UnBiased	4	54.4334	54.8342	54.8485	54.5072	
	5	53.9367	54.4057	54.6542	54.6537	
	6	54.4970	54.2786	54.7495	54.4276	
	22	53.9637	54.2163	54.3759	54.4426	
	23	54.6884	54.7573	54.6108	54.7562	
	Min	53.9367	54.2163	54.3759	54.4276	
	Max	54.6884	54.8342	54.8485	54.7562	
	Average	54.3038	54.4984	54.6478	54.5575	



	T#51	Worst Spur @ 19.6 MHz				dBc
	SN	Initial	50K	75K	100K	Limit
Control	10	59.4726	60.6623	60.5620	60.8729	>57
	17	57.7222	58.6741	59.1124	59.6874	
Biased	2	59.5089	60.9727	60.9861	60.7594	
	3	59.4581	59.0159	59.8319	59.1659	
	19	59.1297	60.1404	59.9454	60.1752	
	20	60.8830	61.5706	60.2776	60.2908	
	21	60.5626	59.1715	59.5232	59.3928	
	Min	59.1297	59.0159	59.5232	59.1659	
	Max	60.8830	61.5706	60.9861	60.7594	
	Average	59.9085	60.1742	60.1128	59.9568	
UnBiased	4	59.6332	60.4748	61.4956	60.7218	
	5	58.5490	60.1950	61.1924	60.7380	
	6	59.0525	59.1823	60.1126	58.8964	
	22	58.7754	60.1477	60.5422	60.7890	
	23	59.3903	59.7154	60.6190	59.7029	
	Min	58.5490	59.1823	60.1126	58.8964	
	Max	59.6332	60.4748	61.4956	60.7890	
	Average	59.0801	59.9430	60.7924	60.1696	

