

RADIATION TEST REPORT

PRODUCT:	ADL5513AFQMLR
GAMMA:	0,100k / TM1019 Condition A
GAMMA SOURCE:	Co60
DOSE RATE:	110 Rad(si)/s
FACILITIES:	University of Massachusetts @ Lowell
TESTED:	4/26/12

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SN	5V IQ Supply I (mA)		5V Idis Sleep I (uA)		5V Iadjmin TADJ Low I (mA)	
	PRE	100k	PRE	100k	PRE	100k
32	28.9538	28.7159	139.2926	138.1348	-0.06587	-0.06574
3	27.4638	27.3272	143.5580	139.8268	-0.06503	-0.06714
4	28.8282	29.2040	144.7699	139.5907	-0.06617	-0.0684
20	29.0354	29.0416	136.5147	134.7508	-0.06552	-0.06746
21	28.9334	28.8674	142.5821	139.7166	-0.06659	-0.0684
Min	27.4638	27.3272	136.5147	134.7508	-0.06659	-0.06840
Max	29.0354	29.2040	144.7699	139.8268	-0.06503	-0.06714
Mean	28.5652	28.6100	141.8562	138.4712	-0.06583	-0.06785
Std. Dev	0.7391	0.8662	3.6717	2.4821	0.00069	0.00065
Mean - 3 Sigma	26.3478	26.0114	130.8410	131.0248	-0.06790	-0.06980
Mean + 3 Sigma	30.7825	31.2086	152.8713	145.9176	-0.06376	-0.06590

SN	5V Iadjmax TADJ High I (mA)		5V Vomn Vset=1.0 RF= open (V)		5V Vomax Vset=1.0 RF= -5dBm (V)	
	PRE	100k	PRE	100k	PRE	100k
32	0.30052	0.3006	0.0058	0.00631	4.94987	4.95086
3	0.29992	0.30156	0.00504	0.00669	4.95006	4.94728
4	0.30167	0.30389	0.00523	0.00731	4.9498	4.94809
20	0.3	0.30146	0.00686	0.00644	4.95062	4.94803
21	0.30101	0.30264	0.00643	0.00562	4.95006	4.94721
Min	0.29992	0.30146	0.00504	0.00562	4.94980	4.94721
Max	0.30167	0.30389	0.00686	0.00731	4.95062	4.94809
Mean	0.30065	0.30239	0.00589	0.00652	4.95014	4.94765
Std. Dev	0.00084	0.00114	0.00089	0.00070	0.00035	0.00047
Mean - 3 Sigma	0.29812	0.29898	0.00321	0.00442	4.94910	4.94624
Mean + 3 Sigma	0.30318	0.30579	0.00857	0.00861	4.95117	4.94907

SN	Rfin=-10dB 5.0V/100MHz VOUT (V)		Rfin=-10dB 5.0V/100MHz LIN ERR (dB)		Rfin=-30dB 5.0V/100MHz VOUT (V)	
	PRE	100k	PRE	100k	PRE	100k
32	1.62388	1.61349	-0.28871	-0.20237	1.20908	1.2051
3	1.60406	1.58795	-0.33282	-0.2644	1.19039	1.18154
4	1.61279	1.61606	-0.33122	-0.2282	1.20188	1.20729
20	1.64208	1.65526	-0.33916	-0.3579	1.23195	1.24755
21	1.64306	1.64962	-0.33075	-0.19761	1.22603	1.23191
Min	1.60406	1.58795	-0.33916	-0.35790	1.19039	1.18154
Max	1.64306	1.65526	-0.33075	-0.19761	1.23195	1.24755
Mean	1.62550	1.62722	-0.33349	-0.26203	1.21256	1.21707
Std. Dev	0.02004	0.03138	0.00388	0.06950	0.01969	0.02891
Mean - 3 Sigma	1.56539	1.53307	-0.34514	-0.47053	1.15350	1.13034
Mean + 3 Sigma	1.68561	1.72137	-0.32184	-0.05353	1.27163	1.30380

SN	Rfin=-30dB 5.0V/100MHz LIN ERR (dB)		Rfin=-50dB 5.0V/100MHz VOUT (V)		Rfin=-50dB 5.0V/100MHz LIN ERR (dB)	
	PRE	100k	PRE	100k	PRE	100k
32	-0.00701	0.00167	0.79453	0.78592	0.45057	0.27729
3	0.01388	0.0202	0.77080	0.7628	0.24528	0.30404
4	-0.00419	0.00649	0.78604	0.79219	0.25245	0.52501
20	0.00354	-0.02345	0.81676	0.8315	0.26952	0.50004
21	-0.00861	-0.09821	0.80468	0.80685	0.27492	0.24203
Min	-0.00861	-0.09821	0.77080	0.76280	0.24528	0.24203
Max	0.01388	0.02020	0.81676	0.83150	0.27492	0.52501
Mean	0.00116	-0.02374	0.79457	0.79834	0.26054	0.39278
Std. Dev	0.00986	0.05288	0.02027	0.02871	0.01397	0.14094
Mean - 3 Sigma	-0.02842	-0.18240	0.73377	0.71220	0.21862	-0.03003
Mean + 3 Sigma	0.03073	0.13491	0.85537	0.88447	0.30246	0.81559

SN	OFFSET (No RF) @ 5.0V/100MHz (dB)		SLOPE @ 5.0V/100MHz (mV/dB)		INTERCEPT @ 5.0V/100MHz (dBm)	
	PRE	100k	PRE	100k	PRE	100k
32	0.53589	0.6398	21.23799	21.18617	-86.97588	-86.94585
3	0.46549	0.58436	21.25041	21.17234	-86.04247	-85.85162
4	0.62076	0.65211	21.08745	21.24004	-87.03816	-86.89954
20	0.70709	0.68359	21.06455	21.29483	-88.5201	-88.67416
21	0.69301	0.63918	21.39614	21.55318	-87.34926	-87.32082
Min	0.46549	0.58436	21.06455	21.17234	-88.52010	-88.67416
Max	0.70709	0.68359	21.39614	21.55318	-86.04247	-85.85162
Mean	0.62159	0.63981	21.19964	21.31510	-87.23750	-87.18654
Std. Dev	0.11072	0.04140	0.15495	0.16644	1.02068	1.16839
Mean - 3 Sigma	0.28942	0.51560	20.73480	20.81578	-90.29955	-90.69171
Mean + 3 Sigma	0.95376	0.76402	21.66448	21.81442	-84.17545	-83.68136

SN	Rfin=-10dB 5.0V/900MHz VOUT (V)		Rfin=-10dB 5.0V/900MHz LIN ERR (dB)		Rfin=-30dB 5.0V/900MHz VOUT (V)	
	PRE	100k	PRE	100k	PRE	100k
32	1.74129	1.73857	-0.84371	-0.68265	1.32645	1.32599
3	1.71868	1.70966	-0.82120	-0.52702	1.30656	1.29827
4	1.72958	1.73926	-0.94257	-0.84583	1.32025	1.32741
20	1.75931	1.74678	-0.96684	-0.81557	1.34997	1.34101
21	1.76156	1.74647	-0.8965	-0.81734	1.34459	1.33312
Min	1.71868	1.70966	-0.96684	-0.84583	1.30656	1.29827
Max	1.76156	1.74678	-0.82120	-0.52702	1.34997	1.34101
Mean	1.74228	1.73554	-0.90678	-0.75144	1.33034	1.32495
Std. Dev	0.02145	0.01760	0.06408	0.15025	0.02046	0.01864
Mean - 3 Sigma	1.67794	1.68274	-1.09901	-1.20220	1.26897	1.26903
Mean + 3 Sigma	1.80663	1.78835	-0.71455	-0.30068	1.39172	1.38088

SN	Rfin=-30dB 5.0V/900MHz LIN ERR (dB)		Rfin=-50dB 5.0V/900MHz VOUT (V)		Rfin=-50dB 5.0V/900MHz LIN ERR (dB)	
	PRE	100k	PRE	100k	PRE	100k
32	0.05002	0.09884	0.86949	0.86514	-0.94873	-1.24684
3	0.07595	0.10497	0.84473	0.84493	-1.28099	-1.11853
4	0.06517	0.1368	0.86013	0.87948	-1.23364	-0.42989
20	0.06788	0.11863	0.90096	0.89647	-0.68912	-0.65061
21	0.04972	0.08801	0.89811	0.90089	-0.30993	0.2315
Min	0.04972	0.08801	0.84473	0.84493	-1.28099	-1.11853
Max	0.07595	0.13680	0.90096	0.90089	-0.30993	0.23150
Mean	0.06468	0.11210	0.87598	0.88044	-0.87842	-0.49188
Std. Dev	0.01097	0.02069	0.02794	0.02541	0.46449	0.56125
Mean - 3 Sigma	0.03176	0.05004	0.79217	0.80421	-2.27190	-2.17563
Mean + 3 Sigma	0.09760	0.17416	0.95980	0.95667	0.51506	1.19187

SN	SLOPE @ 5.0V/900MHz (mV/dB)		INTERCEPT @ 5.0V/900MHz (dBm)		Rfin=-10dB 5.0V/2140MHz VOUT (V)	
	PRE	100k	PRE	100k	PRE	100k
32	21.89009	21.65257	-90.55778	-91.13562	1.56266	1.55925
3	21.75056	21.42263	-90.00629	-90.49242	1.5539	1.52004
4	21.72972	21.84513	-90.70482	-90.62259	1.56368	1.55935
20	21.76164	21.4674	-91.97861	-92.34344	1.58271	1.56624
21	22.06378	21.83543	-90.90312	-90.95994	1.59288	1.58013
Min	21.72972	21.42263	-91.97861	-92.34344	1.55390	1.52004
Max	22.06378	21.84513	-90.00629	-90.49242	1.59288	1.58013
Mean	21.82643	21.64265	-90.89821	-91.10460	1.57329	1.55644
Std. Dev	0.15879	0.22897	0.81654	0.84907	0.01771	0.02576
Mean - 3 Sigma	21.35006	20.95573	-93.34783	-93.65180	1.52017	1.47916
Mean + 3 Sigma	22.30279	22.32956	-88.44859	-88.55739	1.62642	1.63372

SN	Rfin=-10dB 5.0V/2140MHz LIN ERR (dB)		Rfin=-30dB 5.0V/2140MHz VOUT (V)		Rfin=-30dB 5.0V/2140MHz LIN ERR (dB)	
	PRE	100k	PRE	100k	PRE	100k
32	1.2186	0.8509	1.1283	1.1241	-0.24661	-0.20308
3	0.4240	0.6900	1.1152	1.0819	-0.1525	-0.16367
4	0.7815	0.9835	1.1244	1.1209	-0.20196	-0.24842
20	1.2961	1.0282	1.1508	1.1341	-0.29492	-0.26562
21	1.2530	0.9149	1.1561	1.1424	-0.28761	-0.24194
Min	0.4240	0.6900	1.1152	1.0819	-0.29492	-0.26562
Max	1.2961	1.0282	1.1561	1.1424	-0.15250	-0.16367
Mean	0.9387	0.9041	1.1366	1.1198	-0.23425	-0.22991
Std. Dev	0.4148	0.1502	0.0199	0.0268	0.06893	0.04528
Mean - 3 Sigma	-0.3057	0.4536	1.0769	1.0394	-0.44104	-0.36575
Mean + 3 Sigma	2.1830	1.3547	1.1963	1.2002	-0.02746	-0.09408

SN	Rfin=-45dB 5.0V/2140MHz VOUT (V)		Rfin=-45dB 5.0V/2140MHz LIN ERR (dB)		SLOPE @ 5.0V/2140MHz (mV/dB)	
	PRE	100k	PRE	100k	PRE	100k
32	0.85738	0.83731	1.28431	0.87928	20.58915	21.00072
3	0.80147	0.78128	0.09203	0.50044	21.71349	21.35479
4	0.83154	0.8385	0.74528	1.03496	21.30994	20.98295
20	0.88393	0.86127	1.2854	1.2413	20.35401	20.61786
21	0.88188	0.85762	1.1134	0.95151	20.63253	21.02243
Min	0.80147	0.78128	0.09203	0.50044	20.35401	20.61786
Max	0.88393	0.86127	1.28540	1.24130	21.71349	21.35479
Mean	0.84971	0.83467	0.80903	0.93205	21.00249	20.99451
Std. Dev	0.04026	0.03697	0.52843	0.31246	0.62114	0.30143
Mean - 3 Sigma	0.72892	0.72377	-0.77627	-0.00532	19.13907	20.09022
Mean + 3 Sigma	0.97049	0.94557	2.39432	1.86943	22.86591	21.89880

SN	INTERCEPT @ 5.0V/2140MHz (dBm)		Rfin=-10dB 5.0V/4000MHz VOUT (V)		Rfin=-10dB 5.0V/4000MHz LIN ERR (dB)	
	PRE	100k	PRE	100k	PRE	100k
32	-85.11688	-83.88281	1.71324	1.71171	0.30392	0.03826
3	-81.57815	-80.97675	1.68101	1.67426	0.37922	0.1576
4	-83.03494	-83.81766	1.70568	1.70406	0.21702	0.04382
20	-86.90128	-85.4232	1.72604	1.7211	0.04245	-0.11365
21	-86.3878	-84.73554	1.72496	1.71996	0.03539	-0.02424
Min	-86.90128	-85.42320	1.68101	1.67426	0.03539	-0.11365
Max	-81.57815	-80.97675	1.72604	1.72110	0.37922	0.15760
Mean	-84.47554	-83.73829	1.70942	1.70485	0.16852	0.01588
Std. Dev	2.58271	1.95498	0.02113	0.02182	0.16367	0.11439
Mean - 3 Sigma	-92.22367	-89.60323	1.64605	1.63938	-0.32249	-0.32728
Mean + 3 Sigma	-76.72742	-77.87335	1.77280	1.77031	0.65953	0.35904

SN	Rfin=-30dB 5.0V/4000MHz VOUT (V)		Rfin=-30dB 5.0V/4000MHz LIN ERR (dB)		Rfin=-50dB 5.0V/4000MHz VOUT (V)	
	PRE	100k	PRE	100k	PRE	100k
32	1.25129	1.25148	-0.0466	-0.00584	0.75284	0.75284
3	1.21025	1.20473	-0.10875	-0.05795	0.71643	0.72766
4	1.2424	1.23775	-0.09231	-0.02458	0.74824	0.73563
20	1.26779	1.26281	-0.02198	0.01161	0.7473	0.75505
21	1.25997	1.25449	-0.00074267	-0.01031	0.72529	0.75235
Min	1.21025	1.20473	-0.10875	-0.05795	0.71643	0.72766
Max	1.26779	1.26281	-0.00074	0.01161	0.74824	0.75505
Mean	1.24510	1.23995	-0.05595	-0.02031	0.73432	0.74267
Std. Dev	0.02555	0.02569	0.05264	0.02918	0.01596	0.01319
Mean - 3 Sigma	1.16847	1.16289	-0.21385	-0.10784	0.68645	0.70311
Mean + 3 Sigma	1.32174	1.31700	0.10196	0.06722	0.78218	0.78224

SN	Rfin=-50dB 5.0V/4000MHz LIN ERR (dB)		SLOPE @ 5.0V/4000MHz (mV/dB)		INTERCEPT @ 5.0V/4000MHz (dBm)	
	PRE	100k	PRE	100k	PRE	100k
32	-0.09525	0.15682	22.87026	23.26664	-85.53461	-84.53655
3	0.30502	1.26341	23.14900	23.53239	-83.16498	-81.99489
4	0.15267	0.24359	22.98324	23.54502	-84.92443	-83.33622
20	-0.89288	-0.1224	23.01317	23.3685	-85.88708	-84.76947
21	-1.11881	0.30771	23.38524	23.60077	-84.65476	-83.90708
Min	-1.11881	-0.12240	22.98324	23.36850	-85.88708	-84.76947
Max	0.30502	1.26341	23.38524	23.60077	-83.16498	-81.99489
Mean	-0.38850	0.42308	23.13266	23.51167	-84.65781	-83.50192
Std. Dev	0.72148	0.59139	0.18318	0.09996	1.12705	1.16468
Mean - 3 Sigma	-2.55293	-1.35110	22.58311	23.21178	-88.03897	-86.99595
Mean + 3 Sigma	1.77593	2.19725	23.68221	23.81156	-81.27666	-80.00788

SN	2.7V IQ Supply I (mA)		2.7V Idis Sleep I (uA)		2.7V Iadjmin TADJ Low I (mA)	
	PRE	100k	PRE	100k	PRE	100k
32	28.24515	28.17991	108.18323	108.00051	-0.06254	-0.06245
3	26.65867	26.67659	111.12646	109.08653	-0.06225	-0.06448
4	28.29615	28.69148	112.50363	109.39345	-0.06292	-0.06458
20	28.36205	28.63263	106.60931	105.31695	-0.06272	-0.06453
21	28.27026	28.34389	111.3468	109.68462	-0.06319	-0.06517
Min	26.65867	26.67659	106.60931	105.31695	-0.06319	-0.06517
Max	28.36205	28.69148	112.50363	109.68462	-0.06225	-0.06448
Mean	27.89678	28.08615	110.39655	108.37039	-0.06277	-0.06469
Std. Dev	0.82631	0.95190	2.59607	2.05022	0.00040	0.00032
Mean - 3 Sigma	25.41785	25.23044	102.60834	102.21973	-0.06396	-0.06566
Mean + 3 Sigma	30.37572	30.94185	118.18476	114.52105	-0.06158	-0.06372

SN	2.7V Iadjmax TADJ High I (mA)		2.7V Vom in Vset=1.0 RF= open (V)		2.7V Vomax Vset=1.0 RF=-5dBm (V)	
	PRE	100k	PRE	100k	PRE	100k
32	0.16329	0.16339	0.00536	0.00637	2.66565	2.66681
3	0.16287	0.16455	0.00467	0.00669	2.66634	2.66411
4	0.16385	0.16562	0.00548	0.00656	2.66653	2.66442
20	0.16277	0.16441	0.0063	0.00562	2.66646	2.66392
21	0.16348	0.16514	0.00643	0.006	2.66621	2.66417
Min	0.16277	0.16441	0.00467	0.00562	2.66621	2.66392
Max	0.16385	0.16562	0.00643	0.00669	2.66653	2.66442
Mean	0.16324	0.16493	0.00572	0.00622	2.66639	2.66416
Std. Dev	0.00051	0.00056	0.00082	0.00050	0.00014	0.00021
Mean - 3 Sigma	0.16171	0.16326	0.00327	0.00472	2.66596	2.66354
Mean + 3 Sigma	0.16478	0.16660	0.00817	0.00771	2.66681	2.66477

SN	Rfin=-10dB 2.7V/100MHz VOUT (V)		Rfin=-10dB 2.7V/100MHz LIN ERR (dB)		Rfin=-30dB 2.7V/100MHz VOUT (V)	
	PRE	100k	PRE	100k	PRE	100k
32	1.6080	1.5984	-0.2624	-0.2121	1.19404	1.19061
3	1.5874	1.5722	-0.3398	-0.2842	1.17473	1.16581
4	1.5974	1.5993	-0.3381	-0.2646	1.18673	1.19101
20	1.6265	1.6334	-0.3679	-0.1417	1.217	1.22052
21	1.6281	1.6435	-0.2962	-0.4020	1.21187	1.23563
Min	1.5874	1.5722	-0.3679	-0.4020	1.17473	1.16581
Max	1.6281	1.6435	-0.2962	-0.1417	1.21700	1.23563
Mean	1.6099	1.6121	-0.3355	-0.2731	1.19758	1.20324
Std. Dev	0.0206	0.0327	0.0295	0.1066	0.02018	0.03108
Mean - 3 Sigma	1.5481	1.5141	-0.4241	-0.5928	1.13706	1.11000
Mean + 3 Sigma	1.6716	1.7101	-0.2469	0.0466	1.25811	1.29649

SN	Rfin=-30dB 2.7V/100MHz LIN ERR (dB)		Rfin=-50dB 2.7V/100MHz VOUT (V)		Rfin=-50dB 2.7V/100MHz LIN ERR (dB)	
	PRE	100k	PRE	100k	PRE	100k
32	-0.0015	0.01973	0.78069	0.76855	0.48288	0.19259
3	0.02354	0.0353	0.75367	0.74645	0.18631	0.35806
4	0.00035196	0.02073	0.77090	0.77305	0.29142	0.46726
20	0.0111	-0.01479	0.80179	0.80286	0.31596	0.50606
21	-0.00229	-0.01243	0.78963	0.8132	0.20763	0.3106
Min	-0.00229	-0.01479	0.75367	0.74645	0.18631	0.31060
Max	0.02354	0.03530	0.80179	0.81320	0.31596	0.50606
Mean	0.00818	0.00720	0.77900	0.78389	0.25033	0.41050
Std. Dev	0.01177	0.02478	0.02113	0.03021	0.06303	0.09144
Mean - 3 Sigma	-0.02712	-0.06713	0.71560	0.69326	0.06125	0.13618
Mean + 3 Sigma	0.04348	0.08153	0.84239	0.87452	0.43941	0.68481

SN	OFFSET (No RF) @ 2.7V/100MHz (dB)		SLOPE @ 2.7V/100MHz (mV/dB)		INTERCEPT @ 2.7V/100MHz (dBm)	
	PRE	100k	PRE	100k	PRE	100k
32	0.51221	0.50831	21.19585	21.20611	-86.35371	-86.14566
3	0.47211	0.49006	21.24137	21.23002	-85.29916	-84.89868
4	0.50313	0.5767	21.11374	21.29293	-86.22478	-85.93483
20	0.59217	0.6858	21.09742	21.35842	-87.69241	-87.18018
21	0.56883	0.56591	21.35134	21.38625	-86.7794	-87.81031
Min	0.47211	0.49006	21.09742	21.23002	-87.69241	-87.81031
Max	0.59217	0.68580	21.35134	21.38625	-85.29916	-84.89868
Mean	0.53406	0.57962	21.20097	21.31691	-86.4989375	-86.456
Std. Dev	0.05592	0.08061	0.11913	0.06990	1.002939713	1.298134045
Mean - 3 Sigma	0.36631	0.33780	20.84358	21.10722	-89.50775664	-90.35040214
Mean + 3 Sigma	0.70181	0.82143	21.55835	21.52659	-83.49011836	-82.56159786

SN	Rfin=-10dB 2.7V/900MHz VOUT (V)		Rfin=-10dB 2.7V/900MHz LIN ERR (dB)		Rfin=-30dB 2.7V/900MHz VOUT (V)	
	PRE	100k	PRE	100k	PRE	100k
32	1.72505	1.72185	-0.84265	-0.65669	1.31073	1.30962
3	1.7019	1.69347	-0.82591	-0.48529	1.29057	1.2819
4	1.71336	1.72068	-0.95666	-0.85793	1.30494	1.30938
20	1.74326	1.72762	-0.95325	-0.87959	1.33416	1.3221
21	1.74586	1.73095	-0.8959	-0.91134	1.32888	1.31792
Min	1.70190	1.69347	-0.95666	-0.91134	1.29057	1.28190
Max	1.74586	1.73095	-0.82591	-0.48529	1.33416	1.32210
Mean	1.72610	1.71818	-0.90793	-0.78354	1.31464	1.30783
Std. Dev	0.02185	0.01702	0.06137	0.20004	0.02047	0.01808
Mean - 3 Sigma	1.66053	1.66712	-1.09205	-1.38365	1.25322	1.25360
Mean + 3 Sigma	1.79166	1.76924	-0.72381	-0.18342	1.37605	1.36205

SN	Rfin=-30dB 2.7V/900MHz LIN ERR (dB)		Rfin=-50dB 2.7V/900MHz VOUT (V)		Rfin=-50dB 2.7V/900MHz LIN ERR (dB)	
	PRE	100k	PRE	100k	PRE	100k
32	0.04772	0.09131	0.85192	0.84602	-1.08625	-1.46092
3	0.07158	0.0865	0.83474	0.8407	-1.06949	-0.64932
4	0.0603	0.13734	0.84568	0.85978	-1.25615	-0.54324
20	0.07409	0.11814	0.87923	0.8764	-0.99615	-0.67141
21	0.05152	0.09485	0.86537	0.86045	-1.09856	-0.84531
Min	0.05152	0.08650	0.83474	0.84070	-1.25615	-0.84531
Max	0.07409	0.13734	0.87923	0.87640	-0.99615	-0.54324
Mean	0.06437	0.10921	0.85626	0.85933	-1.10509	-0.67732
Std. Dev	0.01046	0.02304	0.01988	0.01461	0.10954	0.12519
Mean - 3 Sigma	0.03300	0.04008	0.79661	0.81552	-1.43371	-1.05289
Mean + 3 Sigma	0.09575	0.17834	0.91590	0.90315	-0.77647	-0.30175

SN	SLOPE @ 2.7V/900MHz (mV/dB)		INTERCEPT @ 2.7V/900MHz (dBm)		Rfin=-10dB 2.7V/2140MHz VOUT (V)	
	PRE	100k	PRE	100k	PRE	100k
32	21.83278	21.58486	-90.02879	-90.58187	1.55189	1.54356
3	21.68362	21.3537	-89.48801	-89.94534	1.54084	1.50438
4	21.66616	21.81887	-90.2106	-89.87418	1.54969	1.5414
20	21.71427	21.51544	-91.40916	-91.33057	1.56922	1.55136
21	22.03931	21.92379	-90.28584	-90.01859	1.57856	1.56496
Min	21.66616	21.35370	-91.40916	-91.33057	1.54084	1.50438
Max	22.03931	21.92379	-89.48801	-89.87418	1.57856	1.56496
Mean	21.77584	21.65295	-90.34840	-90.29217	1.55958	1.54053
Std. Dev	0.17677	0.26416	0.79339	0.69477	0.01734	0.02596
Mean - 3 Sigma	21.24553	20.86047	-92.72856	-92.37649	1.50755	1.46265
Mean + 3 Sigma	22.30615	22.44543	-87.96824	-88.20785	1.61160	1.61840

SN	Rfin=-10dB 2.7V/2140MHz LIN ERR (dB)		Rfin=-30dB 2.7V/2140MHz VOUT (V)		Rfin=-30dB 2.7V/2140MHz LIN ERR (dB)	
	PRE	100k	PRE	100k	PRE	100k
32	1.15641	0.80265	1.11616	1.10753	-0.23787	-0.18698
3	0.34358	0.65432	1.10104	1.065	-0.12170	-0.14309
4	0.70706	0.96623	1.11021	1.10167	-0.18272	-0.22812
20	0.90152	1.05078	1.13737	1.11793	-0.24127	-0.26455
21	1.21595	0.93215	1.13999	1.12588	-0.27811	-0.22902
Min	0.34358	0.65432	1.10104	1.06500	-0.27811	-0.26455
Max	1.21595	1.05078	1.13999	1.12588	-0.12170	-0.14309
Mean	0.79203	0.90087	1.12215	1.10262	-0.20595	-0.21620
Std. Dev	0.36516	0.17177	0.01948	0.02703	0.06854	0.05161
Mean - 3 Sigma	-0.30345	0.38557	1.06372	1.02154	-0.41156	-0.37101
Mean + 3 Sigma	1.88750	1.41617	1.18058	1.18370	-0.00034	-0.06138

SN	Rfin=-45dB 2.7V/2140MHz VOUT (V)		Rfin=-45dB 2.7V/2140MHz LIN ERR (dB)		SLOPE @ 2.7V/2140MHz (mV/dB)	
	PRE	100k	PRE	100k	PRE	100k
32	0.84042	0.81786	1.13082	0.83079	20.70676	21.11306
3	0.78167	0.75989	-0.0424	0.38744	21.86544	21.47534
4	0.8155	0.81756	0.72978	1.03378	21.39819	21.08302
20	0.86194	0.84365	1.18358	1.19869	20.77059	20.66168
21	0.8619	0.83704	1.00115	0.81018	20.74354	21.08564
Min	0.78167	0.75989	-0.04240	0.38744	20.74354	20.66168
Max	0.86194	0.84365	1.18358	1.19869	21.86544	21.47534
Mean	0.83025	0.81454	0.71803	0.85752	21.19444	21.07642
Std. Dev	0.03909	0.03808	0.54015	0.35151	0.53997	0.33230
Mean - 3 Sigma	0.71299	0.70031	-0.90242	-0.19701	19.57452	20.07951
Mean + 3 Sigma	0.94752	0.92876	2.33848	1.91206	22.81436	22.07333

SN	INTERCEPT @ 2.7V/2140MHz (dBm)		Rfin=-10dB 2.7V/4000MHz VOUT (V)		Rfin=-10dB 2.7V/4000MHz LIN ERR (dB)	
	PRE	100k	PRE	100k	PRE	100k
32	-84.20923	-82.80444	1.6988	1.6974	0.4735	0.1318
3	-80.54498	-79.8949	1.6689	1.6615	0.4030	0.2137
4	-82.13411	-82.64218	1.6914	1.6898	0.2838	0.1755
20	-85.068	-84.53102	1.7121	1.7084	0.2123	0.0133
21	-85.30261	-83.78478	1.7109	1.7061	0.2259	0.0854
Min	-85.30261	-84.53102	1.6689	1.6615	0.2123	0.0133
Max	-80.54498	-79.89490	1.7121	1.7084	0.4030	0.2137
Mean	-83.26243	-82.71322	1.6958	1.6914	0.2812	0.1219
Std. Dev	2.31517	2.03311	0.0203	0.0216	0.0869	0.0902
Mean - 3 Sigma	-90.20794	-88.81255	1.6349	1.6267	0.0205	-0.1488
Mean + 3 Sigma	-76.31691	-76.61389	1.7567	1.7562	0.5419	0.3927

SN	Rfin=-30dB 2.7V/4000MHz VOUT (V)		Rfin=-30dB 2.7V/4000MHz LIN ERR (dB)		Rfin=-50dB 2.7V/4000MHz VOUT (V)	
	PRE	100k	PRE	100k	PRE	100k
32	1.23562	1.2354	-0.08417	-0.02518	0.74585	0.74744
3	1.19668	1.18958	-0.09829	-0.03767	0.70911	0.71355
4	1.22698	1.22104	-0.1011	-0.04526	0.73860	0.72814
20	1.25277	1.24787	-0.06153	-0.02588	0.74981	0.74967
21	1.24555	1.23865	-0.06865	-0.03509	0.73034	0.7377
Min	1.19668	1.18958	-0.10110	-0.04526	0.70911	0.71355
Max	1.25277	1.24787	-0.06153	-0.02588	0.74981	0.74967
Mean	1.23050	1.22429	-0.08239	-0.03598	0.73197	0.73227
Std. Dev	0.02502	0.02567	0.02022	0.00800	0.01720	0.01527
Mean - 3 Sigma	1.15542	1.14726	-0.14306	-0.05996	0.68037	0.68645
Mean + 3 Sigma	1.30557	1.30131	-0.02173	-0.01199	0.78356	0.77808

SN	Rfin=-50dB 2.7V/4000MHz LIN ERR (dB)		SLOPE @ 2.7V/4000MHz (mV/dB)		INTERCEPT @ 2.7V/4000MHz (dBm)	
	PRE	100k	PRE	100k	PRE	100k
32	0.10992	0.51601	22.69748	23.20829	-85.29855	-83.99157
3	0.66231	1.35687	23.205	23.59843	-82.44389	-81.1823
4	0.39526	0.52218	22.95485	23.47213	-84.32870	-82.80128
20	-0.32326	0.13424	22.82638	23.27326	-85.71964	-84.37914
21	-0.59728	0.23986	23.10266	23.52796	-84.75791	-83.41619
Min	-0.59728	0.13424	22.82638	23.27326	-85.71964	-84.37914
Max	0.66231	1.35687	23.20500	23.59843	-82.44389	-81.18230
Mean	0.03426	0.56329	23.02222	23.46795	-84.31254	-82.94473
Std. Dev	0.59201	0.55382	0.16610	0.13970	1.37482	1.34245
Mean - 3 Sigma	-1.74178	-1.09817	22.52391	23.04885	-88.43700	-86.97209
Mean + 3 Sigma	1.81029	2.22475	23.52053	23.88704	-80.18807	-78.91737

SN	LSf @ 5.0V/100MHz (dB)		LSf @ 5.0V/900MHz (dB)		LSf @ 5.0V/2140MHz (dB)	
	PRE	100k	PRE	100k	PRE	100k
32	47.08543	47.20061	45.68278	46.1839	48.56927	47.6174
3	47.05792	47.23144	45.97582	46.67961	46.05432	46.8279
4	47.42157	47.0809	46.01991	45.77679	46.92646	47.65773
20	47.47312	46.95975	45.95243	46.58227	49.13037	48.50164
21	46.73741	46.39687	45.32314	45.79712	48.46716	47.56823
Min	46.73741	46.39687	45.32314	45.77679	46.05432	46.82790
Max	47.47312	47.23144	46.01991	46.67961	49.13037	48.50164
Mean	47.17251	46.91724	45.81783	46.20895	47.64458	47.63888
Std. Dev	0.34392	0.36428	0.33097	0.48896	1.40580	0.68493
Mean - 3 Sigma	46.14075	45.82440	44.82490	44.74206	43.42717	45.58408
Mean + 3 Sigma	48.20426	48.01008	46.81075	47.67584	51.86198	49.69367

SN	LSf @ 5.0V/4000MHz (dB)		LSf @ 2.7V/100MHz (dB)		LSf @ 2.7V/900MHz (dB)	
	PRE	100k	PRE	100k	PRE	100k
32	43.7249	42.98	47.17905	47.15621	45.80269	46.32876
3	43.19841	42.49463	47.07794	47.10312	46.11776	46.83028
4	43.50996	42.47183	47.36253	46.96394	46.15492	45.83189
20	43.45338	42.79266	47.39915	46.81993	46.05267	46.47825
21	42.76202	42.37149	46.83547	46.75903	45.37347	45.61255
Min	42.76202	42.37149	46.83547	46.75903	45.37347	45.61255
Max	43.50996	42.79266	47.39915	47.10312	46.15492	46.83028
Mean	43.23094	42.53265	47.16877	46.91151	45.92471	46.18824
Std. Dev	0.34072	0.18140	0.26455	0.15395	0.36991	0.56413
Mean - 3 Sigma	42.20877	41.98844	46.37513	46.44966	44.81497	44.49585
Mean + 3 Sigma	44.25311	43.07686	47.96242	47.37335	47.03444	47.88063

SN	LSf @ 2.7V/2140MHz (dB)		LSf @ 2.7V/4000MHz (dB)		5.25V Supply Current (mA)	
	PRE	100k	PRE	100k	PRE	100k
32	48.2934	47.36405	44.05775	43.08805	29.21478	28.85457
3	45.73427	46.56504	43.09415	42.37571	27.52787	28.08016
4	46.73291	47.43154	43.56378	42.60371	29.09081	29.12683
20	48.145	48.39877	43.80896	42.96777	29.33247	29.18568
21	48.20779	47.42564	43.28506	42.50262	29.26656	29.40772
Min	45.73427	46.56504	43.09415	42.37571	27.52787	28.08016
Max	48.20779	48.39877	43.80896	42.96777	29.33247	29.40772
Mean	47.20499	47.45525	43.43799	42.61245	28.80443	28.95010
Std. Dev	1.19375	0.74925	0.31361	0.25458	0.85713	0.59244
Mean - 3 Sigma	43.62375	45.20749	42.49715	41.84870	26.23304	27.17279
Mean + 3 Sigma	50.78624	49.70301	44.37882	43.37620	31.37581	30.72741

	5.25V Sleep Current (uA)	
SN	PRE	100k
32	143.2407	121.70831
3	146.8922	145.43544
4	148.90681	138.43141
20	140.95852	130.84502
21	146.9709	164.38564
Min	140.95852	130.84502
Max	148.90681	164.38564
Mean	145.93211	144.77438
Std. Dev	3.44414	14.36777
Mean - 3 Sigma	135.59969	101.67105
Mean + 3 Sigma	156.26453	187.87770





















