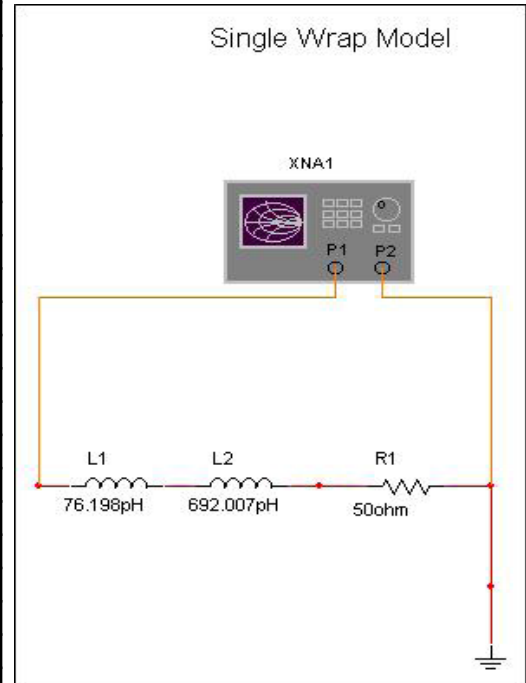


NT32512SG-WB			
Resistor Modeling Data			
FREQ.(GHz)	Return Loss(dB)	S11	Phase(S11)
1.00000	-26.3369655	0.04821	87.23661
1.26174	-24.32350716	0.06079	86.51490
1.52349	-22.69348982	0.07334	85.79430
1.78523	-21.32508069	0.08585	85.07503
2.04698	-20.1467792	0.09832	84.35731
2.30872	-19.1130155	0.11075	83.64137
2.57047	-18.1929552	0.12313	82.92741
2.83221	-17.36474686	0.13544	82.21565
3.09396	-16.61236069	0.14770	81.50631
3.35570	-15.92365544	0.15989	80.79957
3.61745	-15.28923412	0.17200	80.09565
3.87919	-14.70168	0.18404	79.39474
4.14094	-14.15500266	0.19600	78.69702
4.40268	-13.644335	0.20787	78.00268
4.66443	-13.16562893	0.21964	77.31190
4.92617	-12.71551103	0.23133	76.62485
5.18792	-12.29112073	0.24291	75.94169
5.44966	-11.89001978	0.25439	75.26259
5.71141	-11.51010638	0.26576	74.58770
5.97315	-11.14956429	0.27703	73.91716
6.23490	-10.8067956	0.28818	73.25112
6.49664	-10.48041115	0.29921	72.58970
6.75839	-10.16917483	0.31013	71.93304
7.02013	-9.87198584	0.32092	71.28125
7.28188	-9.587869347	0.33159	70.63445
7.54362	-9.315943289	0.34214	69.99274
7.80537	-9.055418088	0.35256	69.35622
8.06711	-8.805579536	0.36284	68.72499
8.32886	-8.565776791	0.37300	68.09912
8.59060	-8.335416756	0.38303	67.47870
8.85235	-8.113961505	0.39292	66.86381
9.11409	-7.900910967	0.40267	66.25450
9.37584	-7.695813359	0.41230	65.65084
9.63758	-7.498247401	0.42178	65.05288
9.89933	-7.307825045	0.43113	64.46068
10.16107	-7.124187925	0.44034	63.87426
10.42282	-6.946998477	0.44942	63.29367
10.68456	-6.77594727	0.45836	62.71895
10.94631	-6.610746502	0.46716	62.15010
11.20805	-6.451124241	0.47582	61.58717
11.46980	-6.296826472	0.48435	61.03015
11.73154	-6.147617175	0.49274	60.47907
11.99329	-6.003273222	0.50100	59.93392
12.25503	-5.863583192	0.50912	59.39472
12.51678	-5.728351351	0.51711	58.86145
12.77852	-5.597391356	0.52497	58.33411
13.04027	-5.470528687	0.53269	57.81269



13.30201	-5.347593238	0.54028	57.29718
13.56376	-5.228431563	0.54775	56.78755
13.82550	-5.112893102	0.55508	56.28379
14.08725	-5.000836055	0.56229	55.78588
14.34899	-4.892126696	0.56937	55.29378
14.61074	-4.786637257	0.57633	54.80746
14.87248	-4.684246944	0.58316	54.32690
15.13423	-4.58483995	0.58987	53.85206
15.39597	-4.488307986	0.59646	53.38289
15.65772	-4.394542558	0.60294	52.91937
15.91946	-4.30344629	0.60930	52.46145
16.18121	-4.214922374	0.61554	52.00908
16.44295	-4.128881438	0.62166	51.56223
16.70470	-4.045234184	0.62768	51.12083
16.96644	-3.963896779	0.63359	50.68486
17.22819	-3.884791885	0.63938	50.25425
17.48993	-3.80784156	0.64507	49.82896
17.75168	-3.732972556	0.65066	49.40893
18.01342	-3.660114723	0.65614	48.99411
18.27517	-3.589200821	0.66152	48.58445
18.53691	-3.520165032	0.66679	48.17989
18.79866	-3.452948021	0.67197	47.78038
19.06040	-3.387487651	0.67706	47.38586
19.32215	-3.323729222	0.68205	46.99628
19.58389	-3.261615034	0.68694	46.61158
19.84564	-3.201094494	0.69174	46.23170
20.10738	-3.142116339	0.69646	45.85658
20.36913	-3.084631095	0.70108	45.48617
20.63087	-3.02859221	0.70562	45.12041
20.89262	-2.973954694	0.71007	44.75924
21.15436	-2.920675038	0.71444	44.40261
21.41611	-2.868711131	0.71873	44.05045
21.67785	-2.818022187	0.72293	43.70271
21.93960	-2.76856987	0.72706	43.35934
22.20134	-2.720315816	0.73111	43.02026
22.46309	-2.673225153	0.73509	42.68543
22.72483	-2.627262855	0.73899	42.35480
22.98658	-2.582394884	0.74281	42.02829
23.24832	-2.53858815	0.74657	41.70587
23.51007	-2.49581277	0.75026	41.38746
23.77181	-2.454038518	0.75387	41.07302
24.03356	-2.413234811	0.75742	40.76249
24.29530	-2.373374119	0.76091	40.45582
24.55705	-2.334429609	0.76433	40.15295
24.81879	-2.296375108	0.76768	39.85383
25.08054	-2.259183948	0.77098	39.55840
25.34228	-2.222834566	0.77421	39.26661
25.60403	-2.187300334	0.77738	38.97842
25.86577	-2.152559658	0.78050	38.69376
26.12752	-2.118589213	0.78356	38.41260
26.38926	-2.085369488	0.78656	38.13487

26.65101	-2.052879201	0.78951	37.86053
26.91275	-2.021097509	0.79240	37.58952
27.17450	-1.990005085	0.79524	37.32181
27.43624	-1.959584078	0.79803	37.05734
27.69799	-1.92981591	0.80077	36.79606
27.95973	-1.900683441	0.80346	36.53793
28.22148	-1.872168779	0.80610	36.28290
28.48322	-1.844255434	0.80870	36.03092
28.74497	-1.816928288	0.81125	35.78196
29.00671	-1.790170362	0.81375	35.53596
29.26846	-1.763969222	0.81621	35.29289
29.53020	-1.73830842	0.81862	35.05269
29.79195	-1.713174944	0.82100	34.81534
30.05369	-1.688553899	0.82333	34.58077
30.31544	-1.664432725	0.82562	34.34896
30.57718	-1.640800115	0.82787	34.11986
30.83893	-1.617640762	0.83008	33.89344
31.10067	-1.594944797	0.83225	33.66964
31.36242	-1.572700428	0.83438	33.44844
31.62416	-1.550894999	0.83648	33.22980
31.88591	-1.529518102	0.83854	33.01367
32.14765	-1.508560514	0.84057	32.80003
32.40940	-1.488010055	0.84256	32.58883
32.67114	-1.467856759	0.84451	32.38003
32.93289	-1.448091822	0.84644	32.17361
33.19463	-1.428705538	0.84833	31.96953
33.45638	-1.409688324	0.85019	31.76775
33.71812	-1.391031738	0.85202	31.56824
33.97987	-1.372727446	0.85381	31.37096
34.24161	-1.354766201	0.85558	31.17589
34.50336	-1.337138868	0.85732	30.98299
34.76510	-1.319840458	0.85903	30.79223
35.02685	-1.302859997	0.86071	30.60358
35.28859	-1.28619267	0.86236	30.41700
35.55034	-1.269829703	0.86399	30.23247
35.81208	-1.253764422	0.86559	30.04996
36.07383	-1.237989223	0.86716	29.86943
36.33557	-1.222498584	0.86871	29.69087
36.59732	-1.207286044	0.87023	29.51424
36.85906	-1.192344214	0.87173	29.33950
37.12081	-1.177666771	0.87321	29.16665
37.38255	-1.163248448	0.87466	28.99564
37.64430	-1.149084032	0.87608	28.82646
37.90604	-1.135166381	0.87749	28.65907
38.16779	-1.121491383	0.87887	28.49345
38.42953	-1.108052009	0.88023	28.32958
38.69128	-1.094845227	0.88157	28.16743
38.95302	-1.081864108	0.88289	28.00697
39.21477	-1.069103741	0.88419	27.84819
39.47651	-1.056560241	0.88547	27.69105
39.73826	-1.044228777	0.88672	27.53555

40.00000	-1.03210456	0.88796	27.38164
----------	-------------	---------	----------