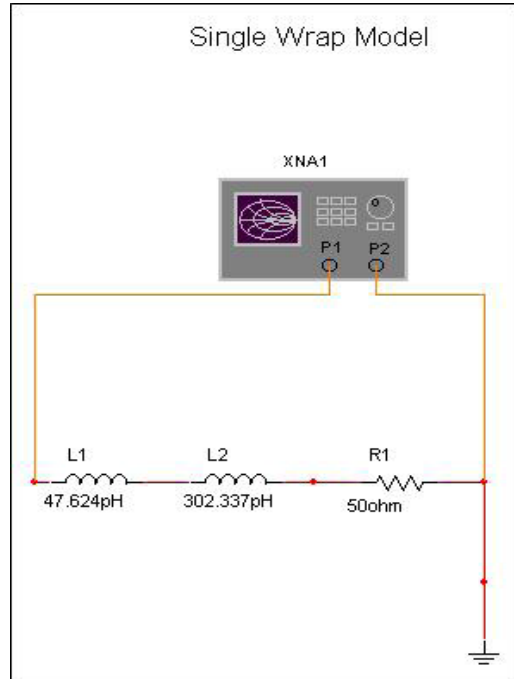


NG31206SG-WB			
Resistor Modeling Data			
FREQ.(GHz)	Return Loss(dB)	S11	Phase(S11)
1.00000	-33.15811066	0.02198	88.74034
1.26174	-31.1399189	0.02773	88.41079
1.52349	-29.50408866	0.03348	88.08133
1.78523	-28.12878967	0.03922	87.75201
2.04698	-26.94252736	0.04496	87.42283
2.30872	-25.89974488	0.05070	87.09383
2.57047	-24.96961121	0.05643	86.76501
2.83221	-24.13029692	0.06216	86.43641
3.09396	-23.36577116	0.06788	86.10804
3.35570	-22.66391666	0.07359	85.77993
3.61745	-22.01535121	0.07929	85.45210
3.87919	-21.41266283	0.08499	85.12456
4.14094	-20.8498895	0.09068	84.79734
4.40268	-20.32217054	0.09636	84.47047
4.66443	-19.82548483	0.10203	84.14395
4.92617	-19.35647633	0.10769	83.81782
5.18792	-18.91229752	0.11334	83.49208
5.44966	-18.49053531	0.11898	83.16677
5.71141	-18.08910937	0.12461	82.84190
5.97315	-17.70621273	0.13022	82.51749
6.23490	-17.34029062	0.13583	82.19357
6.49664	-16.98996146	0.14142	81.87014
6.75839	-16.65401375	0.14699	81.54724
7.02013	-16.33137428	0.15256	81.22488
7.28188	-16.02108242	0.15811	80.90307
7.54362	-15.7222902	0.16364	80.58185
7.80537	-15.43422105	0.16916	80.26122
8.06711	-15.15619056	0.17466	79.94120
8.32886	-14.88757503	0.18014	79.62182
8.59060	-14.62779944	0.18561	79.30308
8.85235	-14.37634995	0.19107	78.98502
9.11409	-14.13275333	0.19650	78.66764
9.37584	-13.89658101	0.20192	78.35097
9.63758	-13.66743157	0.20731	78.03501
9.89933	-13.44494423	0.21269	77.71980
10.16107	-13.22878258	0.21805	77.40533
10.42282	-13.01863212	0.22339	77.09164
10.68456	-12.81420957	0.22871	76.77873
10.94631	-12.61524114	0.23401	76.46662
11.20805	-12.42148723	0.23929	76.15532
11.46980	-12.23271059	0.24455	75.84486
11.73154	-12.04869377	0.24978	75.53525
11.99329	-11.86924067	0.25500	75.22649
12.25503	-11.69415793	0.26019	74.91861
12.51678	-11.52327446	0.26536	74.61162
12.77852	-11.35641379	0.27051	74.30553
13.04027	-11.19342933	0.27563	74.00036



13.30201	-11.03417089	0.28073	73.69612
13.56376	-10.87850023	0.28581	73.39282
13.82550	-10.72628417	0.29086	73.09048
14.08725	-10.57740011	0.29589	72.78910
14.34899	-10.43173233	0.30089	72.48870
14.61074	-10.28916863	0.30587	72.18929
14.87248	-10.1496057	0.31083	71.89088
15.13423	-10.01294301	0.31576	71.59349
15.39597	-9.879087983	0.32066	71.29712
15.65772	-9.747944835	0.32554	71.00178
15.91946	-9.619435831	0.33039	70.70749
16.18121	-9.493474116	0.33522	70.41425
16.44295	-9.369982266	0.34002	70.12208
16.70470	-9.248889137	0.34479	69.83098
16.96644	-9.130122001	0.34954	69.54096
17.22819	-9.013611575	0.35426	69.25204
17.48993	-8.899296649	0.35895	68.96421
17.75168	-8.787111635	0.36362	68.67749
18.01342	-8.677001011	0.36826	68.39189
18.27517	-8.568904723	0.37287	68.10741
18.53691	-8.462767683	0.37745	67.82406
18.79866	-8.358539472	0.38201	67.54185
19.06040	-8.256171825	0.38654	67.26079
19.32215	-8.155611855	0.39104	66.98087
19.58389	-8.05681549	0.39551	66.70211
19.84564	-7.959736128	0.39996	66.42452
20.10738	-7.86433552	0.40437	66.14809
20.36913	-7.770566318	0.40876	65.87284
20.63087	-7.678391488	0.41312	65.59877
20.89262	-7.587771286	0.41746	65.32588
21.15436	-7.498671634	0.42176	65.05418
21.41611	-7.411051604	0.42604	64.78368
21.67785	-7.324881924	0.43028	64.51437
21.93960	-7.240124423	0.43450	64.24626
22.20134	-7.156748288	0.43869	63.97936
22.46309	-7.07472188	0.44286	63.71367
22.72483	-6.99401665	0.44699	63.44918
22.98658	-6.914603148	0.45110	63.18592
23.24832	-6.836449157	0.45517	62.92387
23.51007	-6.759533046	0.45922	62.66304
23.77181	-6.68382269	0.46324	62.40343
24.03356	-6.609294503	0.46723	62.14504
24.29530	-6.535923858	0.47120	61.88788
24.55705	-6.46368513	0.47513	61.63195
24.81879	-6.392557174	0.47904	61.37725
25.08054	-6.322512348	0.48292	61.12378
25.34228	-6.253534617	0.48677	60.87153
25.60403	-6.185596072	0.49059	60.62052
25.86577	-6.118680235	0.49439	60.37074
26.12752	-6.052765922	0.49815	60.12220
26.38926	-5.987830879	0.50189	59.87488

26.65101	-5.923856977	0.50560	59.62880
26.91275	-5.860826642	0.50928	59.38396
27.17450	-5.798719451	0.51294	59.14034
27.43624	-5.737518954	0.51656	58.89796
27.69799	-5.677207522	0.52016	58.65680
27.95973	-5.617768045	0.52374	58.41688
28.22148	-5.559183911	0.52728	58.17818
28.48322	-5.501440626	0.53080	57.94072
28.74497	-5.444519234	0.53429	57.70448
29.00671	-5.388407771	0.53775	57.46946
29.26846	-5.333088195	0.54118	57.23567
29.53020	-5.27854774	0.54459	57.00310
29.79195	-5.224773998	0.54798	56.77175
30.05369	-5.171748599	0.55133	56.54162
30.31544	-5.119461488	0.55466	56.31270
30.57718	-5.06789977	0.55796	56.08499
30.83893	-5.0170478	0.56124	55.85850
31.10067	-4.966894948	0.56449	55.63321
31.36242	-4.917429336	0.56771	55.40913
31.62416	-4.868637869	0.57091	55.18625
31.88591	-4.820507782	0.57408	54.96457
32.14765	-4.773029638	0.57723	54.74408
32.40940	-4.726191244	0.58035	54.52479
32.67114	-4.67998071	0.58345	54.30669
32.93289	-4.634389391	0.58652	54.08977
33.19463	-4.589405911	0.58956	53.87404
33.45638	-4.5450177	0.59258	53.65949
33.71812	-4.501218309	0.59558	53.44611
33.97987	-4.457997102	0.59855	53.23391
34.24161	-4.41534224	0.60150	53.02287
34.50336	-4.373246463	0.60442	52.81300
34.76510	-4.33169839	0.60732	52.60428
35.02685	-4.290692586	0.61019	52.39672
35.28859	-4.250216665	0.61304	52.19032
35.55034	-4.210262732	0.61587	51.98506
35.81208	-4.17082307	0.61867	51.78095
36.07383	-4.131888732	0.62145	51.57797
36.33557	-4.093452354	0.62421	51.37613
36.59732	-4.055506732	0.62694	51.17542
36.85906	-4.018040677	0.62965	50.97583
37.12081	-3.981050088	0.63234	50.77736
37.38255	-3.944525494	0.63500	50.58001
37.64430	-3.90845897	0.63764	50.38377
37.90604	-3.872845462	0.64026	50.18864
38.16779	-3.837675974	0.64286	49.99461
38.42953	-3.802945719	0.64544	49.80168
38.69128	-3.768644649	0.64799	49.60983
38.95302	-3.734769576	0.65052	49.41908
39.21477	-3.701310736	0.65303	49.22941
39.47651	-3.668263842	0.65552	49.04081
39.73826	-3.635620733	0.65799	48.85328

40.00000	-3.603377341	0.66044	48.66682
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