

F(Hz)	G(ms)	B(ms)	R(ohm)	X(ohm)	Z(ohm)	Phi(Z)	Y	Phi(Y)
27000	0.022829	3.064603	2.43061	-326.288	326.2975	-89.5732	3.064688	89.5732
27010	0.027618	3.089786	2.892685	-323.621	323.6341	-89.4879	3.08991	89.48788
27020	0.033695	3.110997	3.481056	-321.403	321.4215	-89.3795	3.11118	89.37946
27030	0.02835	3.128768	2.895843	-319.588	319.6015	-89.4809	3.128896	89.48085
27040	0.028697	3.169137	2.857093	-315.517	315.5304	-89.4812	3.169266	89.48119
27050	0.020651	3.195132	2.02281	-312.963	312.9695	-89.6297	3.195199	89.62968
27060	0.047177	3.21817	4.554255	-310.669	310.7022	-89.1601	3.218516	89.16013
27070	0.027137	3.257312	2.557463	-306.98	306.9909	-89.5227	3.257425	89.52268
27080	0.030074	3.289778	2.778537	-303.947	303.9592	-89.4762	3.289915	89.47624
27090	0.035214	3.31562	3.202819	-301.569	301.5857	-89.3915	3.315807	89.39151
27100	0.039692	3.343855	3.549312	-299.014	299.0349	-89.3199	3.344091	89.31993
27110	0.042163	3.378628	3.693039	-295.932	295.9551	-89.285	3.378891	89.28503
27120	0.048949	3.400337	4.232643	-294.028	294.058	-89.1753	3.40069	89.17526
27130	0.049324	3.442113	4.162146	-290.46	290.4894	-89.179	3.442466	89.17903
27140	0.039846	3.470804	3.307238	-288.08	288.0987	-89.3423	3.471033	89.34226
27150	0.034718	3.528533	2.788167	-283.376	283.3901	-89.4363	3.528704	89.43628
27160	0.036362	3.566279	2.858693	-280.375	280.3897	-89.4158	3.566465	89.41583
27170	0.03802	3.604174	2.92656	-277.425	277.4407	-89.3956	3.604374	89.39561
27180	0.047953	3.645107	3.608433	-274.293	274.3167	-89.2463	3.645422	89.24629
27190	0.050492	3.697912	3.69174	-270.372	270.3976	-89.2177	3.698257	89.21772
27200	0.057383	3.749129	4.081497	-266.666	266.6974	-89.1231	3.749568	89.12312
27210	0.047851	3.792278	3.326779	-263.652	263.6728	-89.2771	3.79258	89.27708
27220	0.045968	3.84097	3.115401	-260.314	260.3323	-89.3143	3.841245	89.31432
27230	0.055979	3.90162	3.676608	-256.251	256.2774	-89.178	3.902021	89.17799
27240	0.057429	3.941895	3.695129	-253.631	253.6581	-89.1653	3.942314	89.16532
27250	0.078354	4.020406	4.845695	-248.637	248.6839	-88.8835	4.021169	88.8835
27260	0.093472	4.071354	5.636045	-245.489	245.5538	-88.6848	4.072427	88.68481
27270	0.143874	4.123389	8.451711	-242.224	242.3715	-88.0016	4.125898	88.00164
27280	0.181152	4.11742	10.66479	-242.401	242.6358	-87.4808	4.121403	87.48081
27290	0.137553	4.140517	8.014616	-241.249	241.3826	-88.0973	4.142801	88.09726
27300	0.113333	4.204598	6.4061	-237.662	237.7485	-88.456	4.206126	88.45599
27310	0.083865	4.279472	4.577542	-233.584	233.6288	-88.8773	4.280294	88.87732
27320	0.087863	4.361766	4.616418	-229.172	229.2184	-88.846	4.362651	88.84599
27330	0.089482	4.450588	4.515687	-224.599	224.644	-88.8482	4.451487	88.84819
27340	0.079095	4.521551	3.867585	-221.095	221.1292	-88.9978	4.522243	88.99783
27350	0.07771	4.617636	3.643464	-216.5	216.5304	-89.0359	4.618289	89.03587
27360	0.078538	4.70915	3.540578	-212.294	212.323	-89.0445	4.709805	89.04453
27370	0.093569	4.800691	4.058452	-208.224	208.2638	-88.8834	4.801603	88.8834
27380	0.085979	4.881563	3.606968	-204.789	204.8207	-88.991	4.88232	88.99095
27390	0.099373	4.996622	3.978706	-200.056	200.0957	-88.8607	4.99761	88.86066
27400	0.091489	5.109799	3.502868	-195.64	195.671	-88.9742	5.110619	88.97424
27410	0.102399	5.233761	3.736799	-190.994	191.0306	-88.8792	5.234763	88.87915
27420	0.097153	5.342658	3.402481	-187.111	187.1418	-88.9582	5.343541	88.95823
27430	0.118002	5.484482	3.921195	-182.248	182.2904	-88.7674	5.485751	88.76743
27440	0.137784	5.615853	4.366219	-177.96	178.0138	-88.5945	5.617543	88.59454
27450	0.113218	5.764372	3.406006	-173.413	173.446	-88.8748	5.765484	88.87479
27460	0.112864	5.919536	3.219753	-168.871	168.9015	-88.9077	5.920612	88.90771
27470	0.143717	6.074705	3.892377	-164.525	164.571	-88.6447	6.076405	88.64473
27480	0.163785	6.25461	4.183856	-159.773	159.8273	-88.5	6.256754	88.49998
27490	0.188341	6.470874	4.494199	-154.408	154.4732	-88.3328	6.473614	88.33282
27500	0.183879	6.663946	4.137505	-149.947	150.0042	-88.4194	6.666482	88.41943
27510	0.219674	6.893228	4.618419	-144.923	144.9963	-88.1747	6.896727	88.17471
27520	0.208493	7.145373	4.080103	-139.832	139.8912	-88.3287	7.148415	88.32866
27530	0.229269	7.414372	4.166605	-134.744	134.8087	-88.2288	7.417916	88.22884
27540	0.261154	7.722413	4.374149	-129.345	129.4192	-88.0631	7.726828	88.06313
27550	0.269554	8.048861	4.156141	-124.102	124.1716	-88.0819	8.053373	88.08189
27560	0.309827	8.392353	4.392987	-118.994	119.075	-87.8857	8.39807	87.88573

27570	0.363805	8.815533	4.673389	-113.243	113.3397	-87.6368	8.823036	87.63683
27580	0.417769	9.305607	4.814735	-107.246	107.354	-87.4295	9.31498	87.42947
27590	0.468035	9.800861	4.861392	-101.8	101.9157	-87.2659	9.812031	87.26595
27600	0.521651	10.40006	4.8108	-95.912	96.03257	-87.1285	10.41313	87.12854
27610	0.604064	11.07979	4.906035	-89.9869	90.12058	-86.8794	11.09625	86.87936
27620	0.679768	11.81993	4.849497	-84.3239	84.46328	-86.7085	11.83946	86.70853
27630	0.808088	12.76736	4.937649	-78.0122	78.16832	-86.3784	12.79291	86.3784
27640	0.985834	13.81154	5.141767	-72.0362	72.21948	-85.9173	13.84668	85.91729
27650	1.154297	15.16847	4.987999	-65.5467	65.73618	-85.6483	15.21232	85.64827
27660	1.424262	16.75796	5.035258	-59.2452	59.45878	-85.1421	16.81837	85.1421
27670	1.93144	18.81155	5.401043	-52.6043	52.88082	-84.1378	18.91045	84.13781
27680	2.56467	21.47291	5.484009	-45.9153	46.24165	-83.189	21.62553	83.189
27690	3.566421	25.07172	5.561145	-39.0945	39.48806	-81.9041	25.32411	81.90406
27700	5.491181	30.39323	5.756548	-31.862	32.37787	-79.7588	30.8853	79.75878
27710	9.459165	39.30278	5.788309	-24.0504	24.73714	-76.4678	40.42505	76.46775
27711.2	10.19181	40.66073	5.800136	-23.1399	23.85576	-75.9284	41.91859	75.92844
27712.4	11.13546	42.21335	5.842422	-22.148	22.90564	-75.2226	43.65736	75.22258
27713.6	12.1617	43.58641	5.939251	-21.2857	22.0988	-74.4096	45.25132	74.40957
27714.8	13.22267	45.28621	5.94096	-20.3471	21.19672	-73.7232	47.17711	73.72324
27716	14.34413	47.117	5.913239	-19.4236	20.30372	-73.0678	49.25207	73.06784
27717.2	15.53874	49.00359	5.879641	-18.5423	19.45215	-72.4065	51.40821	72.40649
27718.4	17.30227	51.08327	5.948109	-17.5612	18.5412	-71.2884	53.93393	71.28839
27719.6	19.73247	53.61504	6.045592	-16.4265	17.50365	-69.7944	57.13093	69.79438
27720.8	21.84391	56.04109	6.037964	-15.4905	16.62571	-68.705	60.14782	68.70497
27722	24.78712	58.45514	6.148507	-14.4999	15.74968	-67.0213	63.49334	67.02128
27723.2	27.69103	61.28617	6.122559	-13.5505	14.86952	-65.685	67.25167	65.68504
27724.4	31.27972	64.55577	6.078609	-12.5452	13.94025	-64.148	71.73471	64.14805
27725.6	35.71853	67.49989	6.124526	-11.574	13.09452	-62.1138	76.36784	62.1138
27726.8	41.21667	70.90214	6.128028	-10.5416	12.19338	-59.8298	82.01175	59.82981
27728	47.45301	73.72235	6.173333	-9.59081	11.40586	-57.2318	87.67425	57.23175
27729.2	55.19358	76.63808	6.187811	-8.59198	10.58825	-54.2391	94.44431	54.23914
27730.4	65.37573	79.02423	6.215123	-7.51266	9.750269	-50.3995	102.5613	50.39949
27731.6	75.82411	80.5757	6.1939	-6.58205	9.038127	-46.7402	110.6424	46.74017
27732.8	89.83386	79.46859	6.244803	-5.52426	8.337567	-41.4965	119.9391	41.49653
27734	105.1525	75.37698	6.281985	-4.50315	7.729272	-35.6343	129.3783	35.63427
27735.2	121.5009	67.58005	6.285766	-3.49621	7.192657	-29.0833	139.0307	29.08326
27736.4	135.62	55.2592	6.323683	-2.57662	6.828467	-22.1687	146.4458	22.16874
27737.6	149.1359	34.99236	6.35541	-1.4912	6.528008	-13.2047	153.1861	13.20468
27738.8	154.5505	12.86452	6.425854	-0.53488	6.448077	-4.75823	155.085	4.758232
27740	155.1384	-11.7101	6.409341	0.483789	6.427574	4.316603	155.5797	-4.3166
27741.2	148.3897	-32.0255	6.439091	1.389685	6.587345	12.17878	151.8062	-12.1788
27742.4	136.3692	-49.8727	6.467948	2.365447	6.886922	20.08839	145.2027	-20.0884
27743.6	120.779	-62.272	6.540838	3.372365	7.359035	27.275	135.8874	-27.275
27744.8	106.2662	-70.2835	6.546601	4.329861	7.848928	33.48028	127.4059	-33.4803
27746	91.76202	-74.2	6.5893	5.328198	8.473993	38.95948	118.0081	-38.9595
27747.2	79.39893	-75.5455	6.610346	6.289529	9.12441	43.57536	109.5961	-43.5754
27748.4	69.02496	-75.1621	6.628226	7.217556	9.799311	47.43726	102.048	-47.4373
27749.6	59.78494	-73.6791	6.640666	8.183975	10.53926	50.94333	94.88337	-50.9433
27750.8	52.55452	-70.9359	6.743056	9.101489	11.32722	53.46622	88.28291	-53.4662
27752	45.90847	-68.343	6.772802	10.08254	12.14613	56.10932	82.33078	-56.1093
27753.2	40.42383	-65.5979	6.808605	11.04868	12.97808	58.35709	77.05302	-58.3571
27754.4	35.8642	-62.68	6.8771	12.01913	13.84752	60.22268	72.21509	-60.2227
27755.6	31.94416	-59.9146	6.929038	12.99613	14.7279	61.93517	67.89836	-61.9352
27756.8	28.37345	-57.5864	6.884672	13.97305	15.57706	63.77004	64.19695	-63.77
27758	25.74578	-54.8407	7.01453	14.94155	16.50617	64.8516	60.58342	-64.8516
27759.2	23.06954	-52.5209	7.01063	15.96065	17.43247	66.28677	57.3642	-66.2868
27760.4	20.89138	-50.2564	7.052761	16.96616	18.37367	67.42754	54.4257	-67.4275
27761.6	19.13162	-48.2446	7.102728	17.91109	19.268	68.36897	51.89952	-68.369

27762.8	17.49839	-46.2066	7.167827	18.9275	20.23927	69.25837	49.40891	-69.2584
27764	16.19065	-44.5553	7.204439	19.82603	21.09444	70.02972	47.40586	-70.0297
27765.2	14.76239	-42.7842	7.206736	20.88648	22.09485	70.96336	45.25943	-70.9634
27766.4	13.62663	-40.9291	7.322707	21.99454	23.1815	71.5857	43.13785	-71.5857
27767.6	12.54943	-39.5365	7.293549	22.97804	24.1078	72.38983	41.48035	-72.3898
27768.8	11.7093	-38.1094	7.366951	23.97669	25.08294	72.92018	39.86773	-72.9202
27770	10.91292	-36.6768	7.452765	25.04769	26.13294	73.43	38.26588	-73.43
27780	6.698716	-27.9788	8.093281	33.80359	34.75894	76.53565	28.76958	-76.5357
27790	4.628274	-21.9225	9.219382	43.6689	44.63149	78.07877	22.4057	-78.0788
27800	3.793553	-17.6519	11.63732	54.15006	55.38643	77.87112	18.05497	-77.8711
27810	3.580334	-14.3471	16.37412	65.61432	67.62656	75.98797	14.78709	-75.988
27820	4.443809	-11.8882	27.58817	73.8046	78.7923	69.50425	12.6916	-69.5043
27830	6.231986	-11.58	36.03681	66.96197	76.04312	61.71227	13.15043	-61.7123
27840	5.355618	-13.3621	25.84401	64.48004	69.46645	68.15878	14.39544	-68.1588
27850	3.037662	-12.8017	17.54751	73.95089	76.00427	76.65139	13.15716	-76.6514
27860	1.866328	-11.4858	13.78313	84.82443	85.93695	80.77067	11.63644	-80.7707
27870	1.233064	-10.1918	11.69955	96.70218	97.40734	83.10158	10.26617	-83.1016
27880	0.92987	-9.21566	10.83852	107.4173	107.9628	84.2383	9.262453	-84.2383
27890	0.719499	-8.37174	10.19068	118.5737	119.0108	85.08785	8.402596	-85.0879
27900	0.550103	-7.6556	9.337883	129.9523	130.2874	85.89001	7.675343	-85.89
27910	0.466379	-7.06806	9.295055	140.8682	141.1746	86.22487	7.083428	-86.2249
27920	0.382647	-6.54477	8.902822	152.2733	152.5333	86.65395	6.555945	-86.654
27930	0.345312	-6.08942	9.282518	163.6928	163.9558	86.75441	6.099204	-86.7544
27940	0.312419	-5.65706	9.732683	176.2328	176.5013	86.83897	5.66568	-86.839
27950	0.270467	-5.305	9.585521	188.0127	188.2569	87.0814	5.31189	-87.0814
27960	0.242368	-4.99432	9.693953	199.7571	199.9921	87.22169	5.000196	-87.2217
27970	0.215145	-4.69539	9.738172	212.5288	212.7518	87.37652	4.700313	-87.3765
27980	0.198864	-4.43151	10.10602	225.2034	225.4301	87.43057	4.435965	-87.4306
27990	0.178387	-4.1871	10.15657	238.3958	238.6121	87.56046	4.190903	-87.5605
28000	0.156683	-3.95536	9.999313	252.4254	252.6234	87.73153	3.958461	-87.7315
28010	0.146362	-3.74582	10.41528	266.5573	266.7607	87.7624	3.748677	-87.7624
28020	0.12898	-3.56351	10.14377	280.2554	280.4389	87.9271	3.565839	-87.9271
28030	0.13294	-3.39087	11.54425	294.457	294.6832	87.75486	3.393475	-87.7549
28040	0.108914	-3.21301	10.53813	310.8779	311.0564	88.05853	3.214851	-88.0585
28050	0.11256	-3.06089	11.99783	326.2616	326.4821	87.89397	3.062955	-87.894
28060	0.089516	-2.92095	10.48207	342.0333	342.1938	88.24464	2.92232	-88.2446
28070	0.088053	-2.79143	11.28911	357.8836	358.0616	88.19325	2.792815	-88.1933
28080	0.076438	-2.66086	10.78714	375.509	375.6639	88.35453	2.661954	-88.3545
28090	0.074873	-2.53397	11.65052	394.2939	394.466	88.30753	2.535073	-88.3075
28100	0.069839	-2.42359	11.88012	412.2692	412.4403	88.3494	2.424593	-88.3494
28110	0.064571	-2.31596	12.02927	431.4504	431.618	88.40295	2.316863	-88.4029
28120	0.065289	-2.22316	13.19853	449.4217	449.6154	88.31783	2.224123	-88.3178
28130	0.05095	-2.123	11.29775	470.7608	470.8964	88.62523	2.12361	-88.6252
28140	0.051192	-2.0343	12.36236	491.2598	491.4153	88.55848	2.034939	-88.5585
28150	0.049849	-1.95417	13.04513	511.3948	511.5612	88.53877	1.9548	-88.5388
28160	0.042466	-1.8677	12.16746	535.1415	535.2798	88.6975	1.868182	-88.6975
28170	0.058153	-1.78688	18.19379	559.042	559.338	88.13599	1.787828	-88.136
28180	0.052416	-1.71412	17.82255	582.8433	583.1157	88.24852	1.714926	-88.2485
28190	0.045003	-1.64735	16.57101	606.5845	606.8109	88.43515	1.64796	-88.4352
28200	0.045528	-1.58093	18.2009	632.015	632.277	88.35044	1.581585	-88.3504
28210	0.045711	-1.51583	19.87595	659.1062	659.4058	88.27272	1.516517	-88.2727
28220	0.040178	-1.44984	19.09914	689.2004	689.465	88.41262	1.4504	-88.4126
28230	0.042288	-1.39706	21.64634	715.132	715.4595	88.26624	1.397703	-88.2662
28240	0.0361	-1.33575	20.21818	748.0995	748.3727	88.4519	1.336233	-88.4519
28250	0.035077	-1.27711	21.48987	782.4266	782.7217	88.42673	1.277593	-88.4267
28260	0.035288	-1.23058	23.2834	811.9584	812.2922	88.35746	1.231084	-88.3575
28270	0.032646	-1.17789	23.51193	848.3245	848.6503	88.41242	1.178342	-88.4124
28280	0.033746	-1.12889	26.45683	885.0371	885.4324	88.28774	1.129392	-88.2877

28290	0.029099	-1.08441	24.72718	921.494	921.8257	88.46291	1.084804	-88.4629
28300	0.029974	-1.03649	27.87755	963.9878	964.3908	88.34353	1.036924	-88.3435
28310	0.029365	-0.99384	29.70464	1005.325	1005.764	88.30756	0.994269	-88.3076
28320	0.025102	-0.95099	27.73709	1050.804	1051.17	88.48797	0.951321	-88.488
28330	0.024463	-0.90941	29.55739	1098.817	1099.215	88.45916	0.90974	-88.4592
28340	0.023209	-0.87062	30.5979	1147.787	1148.195	88.47296	0.870932	-88.473
28350	0.021959	-0.83218	31.68646	1200.826	1201.244	88.48847	0.83247	-88.4885
28360	0.022891	-0.79829	35.89137	1251.647	1252.162	88.35748	0.798619	-88.3575
28370	0.02124	-0.76204	36.54786	1311.246	1311.755	88.40343	0.762337	-88.4034
28380	0.019571	-0.72644	37.05857	1375.571	1376.07	88.4568	0.726707	-88.4568
28390	0.017194	-0.69541	35.53218	1437.13	1437.569	88.58369	0.695619	-88.5837
28400	0.018279	-0.65967	41.97373	1514.757	1515.338	88.41275	0.659919	-88.4128
28410	0.018176	-0.63032	45.71034	1585.182	1585.841	88.34827	0.63058	-88.3483
28420	0.022483	-0.59868	62.63953	1667.99	1669.166	87.84933	0.599102	-87.8493
28430	0.020923	-0.56932	64.46533	1754.112	1755.296	87.89527	0.569704	-87.8953
28440	0.019468	-0.54068	66.5071	1847.125	1848.322	87.93791	0.541031	-87.9379
28450	0.017969	-0.51301	68.19314	1946.892	1948.086	87.99394	0.513324	-87.9939
28460	0.018818	-0.48572	79.64053	2055.695	2057.238	87.78139	0.486089	-87.7814
28470	0.01737	-0.45918	82.26523	2174.667	2176.223	87.8336	0.459512	-87.8336
28480	0.017109	-0.43516	90.20998	2294.451	2296.224	87.74848	0.435498	-87.7485
28490	0.017539	-0.40939	104.4558	2438.2	2440.437	87.54688	0.409763	-87.5469
28500	0.017765	-0.38409	120.1636	2598.026	2600.803	87.35185	0.384497	-87.3519
28510	0.016056	-0.36021	123.4938	2770.625	2773.376	87.44787	0.360571	-87.4479
28520	0.015707	-0.33707	137.9459	2960.327	2963.539	87.33205	0.337434	-87.332
28530	0.015072	-0.31503	151.5222	3167.09	3170.713	87.2609	0.315387	-87.2609
28540	0.014622	-0.29226	170.7591	3413.095	3417.364	87.13585	0.292623	-87.1358
28550	0.015049	-0.27008	205.6846	3691.204	3696.93	86.81061	0.270495	-86.8106
28560	0.014212	-0.24847	229.4428	4011.477	4018.034	86.72644	0.248878	-86.7264
28570	0.01381	-0.22942	261.4289	4343.115	4350.977	86.5553	0.229833	-86.5553
28580	0.013586	-0.20834	311.6711	4779.535	4789.686	86.26905	0.208782	-86.2691
28590	0.012989	-0.18889	362.33	5269.182	5281.625	86.06631	0.189336	-86.0663
28600	0.012308	-0.17032	422.0715	5840.715	5855.945	85.86678	0.170767	-85.8668
28610	0.012806	-0.15152	553.866	6553.063	6576.427	85.16883	0.152058	-85.1688
28620	0.012333	-0.13323	688.9042	7442.172	7473.989	84.71133	0.133797	-84.7113
28630	0.012058	-0.11544	895.1072	8569.167	8615.79	84.0367	0.116066	-84.0367
28640	0.011777	-0.09783	1212.921	10075.66	10148.41	83.1357	0.098538	-83.1357
28650	0.011972	-0.08089	1790.591	12097.65	12229.45	81.5807	0.08177	-81.5807
28660	0.01094	-0.06454	2552.944	15060.9	15275.74	80.37935	0.065463	-80.3793
28670	0.010958	-0.04793	4532.053	19825.82	20337.22	77.1238	0.049171	-77.1238
28680	0.010956	-0.03193	9615.019	28020.16	29623.95	71.06052	0.033756	-71.0605
28690	0.011123	-0.01501	31878.95	43007.55	53534.26	53.45265	0.01868	-53.4527
28692	0.011141	-0.01199	41601.43	44758.59	61106.55	47.09369	0.016365	-47.0937
28694	0.011289	-0.009	54179.32	43171.16	69275.88	38.54853	0.014435	-38.5485
28696	0.011277	-0.00602	69037.05	36821.29	78242.7	28.07347	0.012781	-28.0735
28698	0.01134	-0.00265	83616.73	19536.91	85868.79	13.15114	0.011646	-13.1511
28700	0.011372	0.0004	87827.83	-3087.83	87882.09	-2.01356	0.011379	2.013562
28702	0.011356	0.003435	80675.35	-24402.6	84285.23	-16.8295	0.011864	16.82946
28704	0.011296	0.006379	67120.17	-37907.5	77085	-29.4565	0.012973	29.4565
28706	0.011318	0.009502	51824.63	-43512.3	67669.16	-40.0171	0.014778	40.01706
28708	0.011275	0.012456	39943.93	-44127.9	59521.37	-47.8491	0.016801	47.84909
28710	0.011261	0.01525	31334.41	-42434.1	52749.38	-53.5569	0.018958	53.5569
28730	0.011337	0.044028	5484.956	-21300.5	21995.34	-75.5598	0.045464	75.55983
28740	0.011112	0.057969	3189.641	-16639.2	16942.15	-79.1484	0.059024	79.14835
28750	0.011018	0.072012	2076.066	-13568.8	13726.74	-81.3011	0.072851	81.30106
28760	0.010621	0.085703	1424.096	-11491.7	11579.64	-82.9357	0.086358	82.93572
28770	0.010153	0.099235	1020.337	-9972.68	10024.74	-84.1582	0.099753	84.15821
28780	0.010543	0.112934	819.527	-8778.24	8816.414	-84.6664	0.113425	84.66639
28790	0.009913	0.125477	625.7462	-7920.17	7944.854	-85.4826	0.125868	85.48264

28800	0.009202	0.138597	476.9264	-7183.49	7199.305	-86.2016	0.138902	86.20159
28810	0.009209	0.151089	401.8954	-6594.12	6606.355	-86.5123	0.151369	86.51228
28820	0.009393	0.163207	351.4691	-6106.96	6117.07	-86.7061	0.163477	86.70614
28830	0.009301	0.175519	301.0637	-5681.42	5689.394	-86.9667	0.175766	86.96668
28840	0.008512	0.186884	243.2137	-5339.84	5345.376	-87.3922	0.187078	87.39215
28850	0.008348	0.198274	211.97	-5034.61	5039.074	-87.5891	0.198449	87.58913
28860	0.008462	0.20937	192.7197	-4768.45	4772.346	-87.6856	0.209541	87.68562
28870	0.008197	0.22137	167.0491	-4511.13	4514.226	-87.8793	0.221522	87.87929
28880	0.008661	0.232492	160.0069	-4295.27	4298.246	-87.8666	0.232653	87.86661
28890	0.008121	0.243439	136.889	-4103.23	4105.515	-88.0892	0.243575	88.08925
28900	0.007924	0.254081	122.6322	-3931.93	3933.846	-88.2136	0.254204	88.21359
28910	0.008614	0.265343	122.2207	-3764.74	3766.727	-88.1406	0.265482	88.14057
28920	0.00807	0.275442	106.2823	-3627.41	3628.965	-88.3217	0.275561	88.32172
28930	0.007967	0.285541	97.63411	-3499.4	3500.758	-88.4018	0.285652	88.40185
28940	0.006603	0.295041	75.82058	-3387.66	3388.512	-88.7179	0.295115	88.71786
28950	0.007451	0.305118	79.98335	-3275.47	3276.446	-88.6012	0.305209	88.60118
28960	0.007116	0.31506	71.65273	-3172.38	3173.187	-88.7061	0.315141	88.70612
28970	0.006524	0.325771	61.44501	-3068.41	3069.024	-88.8528	0.325836	88.85281
28980	0.007835	0.334722	69.89111	-2985.92	2986.735	-88.6591	0.334814	88.65913
28990	0.006619	0.342946	56.25446	-2914.82	2915.364	-88.8944	0.34301	88.89436
29000	0.007538	0.353375	60.34071	-2828.57	2829.213	-88.7779	0.353455	88.77792

%%

Fs(Hz):27740.0

F1(Hz):27731.7

F2(Hz):27747.4

Fp(Hz):28700.0

Gmax(ms):155.138367

Qm:1771.374390

CT(nF):7.976242

C0(nF):7.473743

C1(nF):0.502499

R1(ohm):6.445859

L1(mH):65.511513

Keff:0.256476