





Pt	Time	Freq	Zreal	Zimag	Zsig	Zmod	Zphz	Idc	Vdc	IERange	z"	cap
59040	s	Hz	ohm	ohm	V	ohm	°	A	V	#		
0	5	100007	0.079541	0.043276	1	0.090552	28.5494	0.004674	2.26422	11	0.043276	3.68E-05
1	7	63105.5	0.059341	0.034364	1	0.068573	30.0746	0.003466	1.99931	11	0.034364	7.34E-05
2	9	39811.2	0.042825	0.026357	1	0.050286	31.6111	0.003027	1.99928	11	0.026357	0.000152
3	11	25123.7	0.03028	0.019236	1	0.035874	32.4269	0.002837	1.99924	11	0.019236	0.000329
4	14	15852.9	0.021572	0.012627	1	0.024996	30.3424	0.002648	1.99923	11	0.012627	0.000795
5	18	9998.2	0.016116	0.007358	1	0.017716	24.5395	0.002637	1.99927	11	0.007358	0.002165
6	22	6311.1	0.013063	0.003678	1	0.013571	15.7232	0.002616	1.99926	11	0.003678	0.00686
7	26	3980.93	0.011663	0.001341	1	0.01174	6.55915	0.002618	1.99926	11	0.001341	0.029828
8	30	2511.16	0.01122	-0.000177	1	0.011222	-0.906143	0.002635	1.99924	11	0.000177	0.358255
9	35	1584.49	0.011137	-0.001441	1	0.01123	-7.37108	0.002604	1.99922	11	0.001441	0.069741
10	39	999.95	0.011188	-0.002888	1	0.011555	-14.4736	0.002578	1.99921	11	0.002888	0.05514
11	43	630.984	0.011302	-0.004891	1	0.012315	-23.3986	0.002573	1.9992	11	0.004891	0.051597
12	47	398.209	0.011491	-0.007876	1	0.013931	-34.426	0.002397	1.99921	11	0.007876	0.050772
13	49	251.185	0.011774	-0.012503	1	0.017174	-46.7207	0.002204	1.99921	11	0.012503	0.050703
14	53	158.533	0.012219	-0.0197	1	0.023182	-58.1903	0.002127	1.99921	11	0.0197	0.050986
15	55	100.009	0.012954	-0.030938	1	0.03354	-67.2804	0.002056	1.99922	11	0.030938	0.051465
16	57	63.0971	0.014249	-0.048418	1	0.050471	-73.601	0.002021	1.9992	11	0.048418	0.052122
17	59	40.0059	0.016507	-0.075052	1	0.076846	-77.5957	0.002009	1.99922	11	0.075052	0.053034
18	61	24.9911	0.020515	-0.117386	1	0.119165	-80.0867	0.001934	1.99923	11	0.117386	0.05428
19	64	15.7934	0.026915	-0.180797	1	0.182789	-81.5326	0.00198	1.99923	11	0.180797	0.055767
20	66	9.9987	0.036182	-0.276378	1	0.278737	-82.5415	0.000962	1.99924	11	0.276378	0.057623
21	69	6.31623	0.050711	-0.426158	1	0.429165	-83.2139	0.001923	1.99921	11	0.426158	0.059158
22	71	3.97302	0.068885	-0.654783	1	0.658396	-83.9945	0.001456	1.99923	11	0.654783	0.06121
23	73	2.51085	0.093403	-1.01127	1	1.01557	-84.723	-0.000422	1.99871	11	1.01127	0.062712
24	77	1.58325	0.127732	-1.56453	1	1.56974	-85.3326	-0.000317	1.99869	11	1.56453	0.064285
25	82	1.00006	0.17491	-2.42433	1	2.43063	-85.8734	-0.000326	1.99852	11	2.42433	0.065678
59041												
0	5	100007	0.075582	0.0379	1	0.084552	26.6308	0.004441	2.26419	11	0.0379	4.2E-05
1	7	63105.5	0.056957	0.02986	1	0.06431	27.6658	3.32E-03	1.99925	11	0.02986	8.45E-05
2	9	39811.2	0.04175	0.023338	1	0.04783	29.2049	2.93E-03	1.99928	11	0.023338	0.000171
3	11	25123.7	0.029796	0.017205	1	0.034407	30.0033	2.72E-03	1.99924	11	0.017205	0.000368
4	15	15852.9	0.021419	0.011281	1	0.024208	27.7761	0.002545	1.99926	11	0.011281	0.00089
5	19	9998.2	0.016205	0.006495	1	0.017458	21.8398	2.54E-03	1.99926	11	0.006495	0.002452
6	23	6311.1	0.013346	0.00314	1	0.01371	13.2407	2.53E-03	1.99925	11	0.00314	0.008035
7	27	3980.93	0.012106	0.001013	1	0.012148	4.78519	2.57E-03	1.99923	11	0.001013	0.039486
8	31	2511.16	0.011741	-0.000383	1	0.011747	-1.87055	2.53E-03	1.99923	11	0.000383	0.165564
9	36	1584.49	0.011703	-0.001582	1	0.01181	-7.69925	2.51E-03	1.99921	11	0.001582	0.063525
10	40	999.95	0.011777	-0.002993	1	0.012152	-14.2568	2.49E-03	1.9992	11	0.002993	0.053205
11	44	630.984	0.011903	-0.00498	1	0.012903	-22.7042	2.49E-03	1.9992	11	0.00498	0.050675
12	48	398.209	0.012101	-0.00796	1	0.014484	-33.3369	2.30E-03	1.99919	11	0.00796	0.050236
13	50	251.185	0.012396	-0.012581	1	0.017662	-45.4249	2.24E-03	1.99921	11	0.012581	0.050389
14	54	158.533	0.01285	-0.019791	1	0.023597	-57.006	2.08E-03	1.99921	11	0.019791	0.050752
15	56	100.009	0.013592	-0.031063	1	0.033907	-66.3678	1.98E-03	1.99921	11	0.031063	0.051258
16	58	63.0971	0.014906	-0.048518	1	0.050756	-72.9218	2.02E-03	1.99923	11	0.048518	0.052015
17	60	40.0059	0.017195	-0.075206	1	0.077147	-77.1211	1.96E-03	1.99922	11	0.075206	0.052925
18	62	24.9911	0.021301	-0.117534	1	0.119449	-79.7278	1.87E-03	1.99923	11	0.117534	0.054212
19	65	15.7934	0.027876	-0.181005	1	0.183139	-81.2448	1.93E-03	1.99923	11	0.181005	0.055702
20	67	9.9987	0.037599	-0.276423	1	0.278968	-82.2541	8.87E-04	1.99924	11	0.276423	0.057613
21	70	6.31623	0.051172	-0.425656	1	0.428721	-83.1448	1.87E-03	1.99922	11	0.425656	0.059228
22	72	3.97302	0.069659	-0.654261	1	0.657959	-83.9226	1.39E-03	1.99924	11	0.654261	0.061259
23	74	2.51085	0.095747	-1.01064	1	1.01516	-84.588	-4.31E-04	1.99871	11	1.01064	0.062751
24	78	1.58325	0.129959	-1.5628	1	1.5682	-85.2464	-3.27E-04	1.99871	11	1.5628	0.064356
25	82	1.00006	0.178021	-2.42231	1	2.42885	-85.7968	-3.44E-04	1.99853	11	2.42231	0.065733

59042

0	5	100007	0.083153	0.050498	1	0.097285	31.2697	0.004589	2.26423	11	0.050498	3.15E-05
1	7	63105.5	0.061183	0.038876	1	0.07249	32.432	3.47E-03	1.99927	11	0.038876	6.49E-05
2	9	39811.2	0.044025	0.029194	1	0.052825	33.5493	0.002993	1.99927	11	0.029194	0.000137
3	11	25123.7	0.031092	0.021065	1	0.037556	34.1175	2.87E-03	1.99929	11	0.021065	0.000301
4	13	15852.9	0.021978	0.013816	1	0.02596	32.1548	2.66E-03	1.99926	11	0.013816	0.000727
5	18	9998.2	0.016375	0.00809	1	0.018265	26.2914	2.68E-03	1.99926	11	0.00809	0.001969
6	22	6311.1	0.013212	0.004123	1	0.01384	17.3297	2.67E-03	1.99924	11	0.004123	0.00612
7	26	3980.93	0.011721	0.001601	1	0.01183	7.7769	2.66E-03	1.99925	11	0.001601	0.024984
8	30	2511.16	0.011221	-2.82E-05	1	0.011221	-0.143842	2.67E-03	1.99923	11	2.82E-05	2.248624
9	34	1584.49	0.011135	-0.001358	1	0.011217	-6.95578	2.63E-03	1.99921	11	0.001358	0.074003
10	38	999.95	0.011177	-0.002846	1	0.011534	-14.2844	2.61E-03	1.9992	11	0.002846	0.055953
11	42	630.984	0.011292	-0.004879	1	0.012301	-23.3663	2.60E-03	1.99919	11	0.004879	0.051724
12	47	398.209	0.011485	-0.007885	1	0.013931	-34.4724	2.43E-03	1.99922	11	0.007885	0.050714
13	48	251.185	0.01177	-0.012534	1	0.017193	-46.8006	2.22E-03	1.99921	11	0.012534	0.050577
14	53	158.533	0.01221	-0.019754	1	0.023223	-58.2786	2.14E-03	1.99921	11	0.019754	0.050847
15	55	100.009	0.012935	-0.031023	1	0.033612	-67.3663	2.07E-03	1.99921	11	0.031023	0.051324
16	57	63.0971	0.01419	-0.04857	1	0.0506	-73.7134	2.02E-03	1.9992	11	0.04857	0.051959
17	59	40.0059	0.016373	-0.075306	1	0.077065	-77.7334	2.01E-03	1.99922	11	0.075306	0.052855
18	61	24.9911	0.020213	-0.117872	1	0.119592	-80.2693	1.94E-03	1.99923	11	0.117872	0.054056
19	63	15.7934	0.026219	-0.181766	1	0.183647	-81.792	1.99E-03	1.99923	11	0.181766	0.055469
20	65	9.9987	0.035226	-0.278161	1	0.280382	-82.7826	9.76E-04	1.99924	11	0.278161	0.057253
21	68	6.31623	0.048316	-0.429339	1	0.432049	-83.5792	1.94E-03	1.99922	11	0.429339	0.058719
22	70	3.97302	0.065876	-0.662889	1	0.666155	-84.3248	1.48E-03	1.99924	11	0.662889	0.060461
23	73	2.51085	0.088949	-1.02435	1	1.0282	-85.0372	-4.09E-04	1.99871	11	1.02435	0.061911
24	76	1.58325	0.122164	-1.58719	1	1.59188	-85.5987	-3.05E-04	1.9987	11	1.58719	0.063367
25	81	1.00006	0.16679	-2.46475	1	2.47039	-86.1287	-3.09E-04	1.99855	11	2.46475	0.064601

59043

0	5	100007	0.08384	0.050643	1	0.097949	31.1339	0.004534	2.26423	11	0.050643	3.14E-05
1	7	63105.5	0.062176	0.038794	1	0.073286	31.9621	3.38E-03	1.9993	11	0.038794	6.5E-05
2	9	39811.2	0.045141	0.029277	1	0.053804	32.9659	2.96E-03	1.99928	11	0.029277	0.000137
3	11	25123.7	0.032036	0.021266	1	0.038451	33.5767	2.72E-03	1.99928	11	0.021266	0.000298
4	13	15852.9	0.022911	0.014055	1	0.026879	31.5272	0.002587	1.99926	11	0.014055	0.000715
5	17	9998.2	0.017195	0.008292	1	0.01909	25.7451	2.56E-03	1.99927	11	0.008292	0.001921
6	21	6311.1	0.013977	0.004273	1	0.014616	16.9985	2.54E-03	1.99925	11	0.004273	0.005905
7	26	3980.93	0.012518	0.001713	1	0.012635	7.79336	2.54E-03	1.99927	11	0.001713	0.023351
8	30	2511.16	0.01202	4.86E-05	1	0.012021	0.23182	2.52E-03	1.99925	11	4.86E-05	1.304757
9	34	1584.49	0.011922	-0.00131	1	0.011994	-6.2712	2.51E-03	1.99923	11	0.00131	0.076715
10	38	999.95	0.011962	-0.002819	1	0.01229	-13.2585	2.47E-03	1.9992	11	0.002819	0.056489
11	42	630.984	0.012079	-0.004864	1	0.013021	-21.9341	2.47E-03	1.9992	11	0.004864	0.051883
12	46	398.209	0.012277	-0.007876	1	0.014587	-32.6814	2.33E-03	1.99921	11	0.007876	0.050772
13	48	251.185	0.012578	-0.012509	1	0.017739	-44.843	2.15E-03	1.99922	11	0.012509	0.050679
14	52	158.533	0.013045	-0.019693	1	0.023621	-56.4783	2.07E-03	1.99922	11	0.019693	0.051005
15	54	100.009	0.013793	-0.030897	1	0.033836	-65.9425	2.01E-03	1.99922	11	0.030897	0.051533
16	56	63.0971	0.015092	-0.048304	1	0.050607	-72.6497	1.99E-03	1.99924	11	0.048304	0.052245
17	59	40.0059	0.017352	-0.074848	1	0.076833	-76.9475	1.94E-03	1.99923	11	0.074848	0.053179
18	61	24.9911	0.021352	-0.117038	1	0.118969	-79.6608	1.86E-03	1.99924	11	0.117038	0.054441
19	63	15.7934	0.027692	-0.180262	1	0.182377	-81.2664	1.91E-03	1.99923	11	0.180262	0.055932
20	65	9.9987	0.037109	-0.275583	1	0.278071	-82.3309	8.86E-04	1.99924	11	0.275583	0.057789
21	68	6.31623	0.050725	-0.424592	1	0.427611	-83.1873	1.87E-03	1.99922	11	0.424592	0.059376
22	70	3.97302	0.067923	-0.652948	1	0.656471	-84.0611	1.38E-03	1.99925	11	0.652948	0.061382
23	73	2.51085	0.093184	-1.00937	1	1.01366	-84.7255	-4.27E-04	1.99872	11	1.00937	0.06283
24	76	1.58325	0.126797	-1.56199	1	1.56713	-85.3591	-3.24E-04	1.99871	11	1.56199	0.064389
25	81	1.00006	0.174331	-2.42317	1	2.42944	-85.885	-3.42E-04	1.99854	11	2.42317	0.06571