



Pt	Time	Freq	Zreal	Zimag	Zsig	Zmod	Zphz	Idc	Vdc	IERanç	cap
60502	s	Hz	ohm	ohm	V	ohm	°	A	V	#	z"
0	5	100007	0.100351	0.046722	1	0.110695	24.9661	0.000433	2.2644	11	0.046722 3.41E-05
1	7	63105.5	0.079481	0.031902	1	0.085645	21.8692	0.000143	1.99948	11	0.031902 7.91E-05
2	9	39811.2	0.063632	0.022044	1	0.067342	19.1073	1.42E-04	1.99946	11	0.022044 0.000181
3	14	25123.7	0.052018	0.013454	1	0.053729	14.5012	1.74E-04	1.99937	11	0.013454 0.000471
4	18	15852.9	0.045014	0.006008	1	0.045413	7.60192	4.34E-05	1.99936	11	0.006008 0.001672
5	22	9998.2	0.042318	8.79E-05	1	0.042319	0.118972	1.48E-04	1.99933	11	8.79E-05 0.181188
6	26	6311.1	0.042615	-0.004613	1	0.042864	-6.17779	9.80E-05	1.99929	11	0.004613 0.00547
7	30	3980.93	0.044585	-0.008502	1	0.045389	-10.7956	1.04E-04	1.99925	11	0.008502 0.004705
8	34	2511.16	0.046827	-0.01217	1	0.048383	-14.5679	9.31E-05	1.99923	11	0.01217 0.00521
9	38	1584.49	0.048604	-0.016887	1	0.051454	-19.1597	8.51E-05	1.99921	11	0.016887 0.005951
10	42	999.95	0.049851	-0.024321	1	0.055468	-26.0066	8.12E-05	1.99919	11	0.024321 0.006548
11	47	630.984	0.050896	-0.036429	1	0.06259	-35.5933	8.77E-05	1.9992	11	0.036429 0.006927
12	49	398.209	0.052142	-0.055866	1	0.076419	-46.9746	4.20E-04	1.99923	11	0.055866 0.007158
13	51	251.185	0.053855	-0.086866	1	0.102206	-58.2022	3.39E-04	1.99926	11	0.086866 0.007298
14	52	158.533	0.056746	-0.135654	1	0.147045	-67.2999	2.98E-04	1.99926	11	0.135654 0.007404
15	54	100.009	0.062085	-0.212102	1	0.221002	-73.6845	1.29E-04	1.99926	11	0.212102 0.007507
16	57	63.0971	0.072134	-0.330931	1	0.338701	-77.7034	2.24E-04	1.99924	11	0.330931 0.007626
17	59	40.0059	0.090947	-0.511914	1	0.51993	-79.9259	8.12E-05	1.99925	11	0.511914 0.007775
18	61	24.9911	0.127064	-0.79942	1	0.809456	-80.9687	1.81E-05	1.99925	11	0.79942 0.00797
19	63	15.7934	0.190658	-1.22461	1	1.23936	-81.1507	8.39E-05	1.99925	11	1.22461 0.008233
20	65	9.9987	0.297138	-1.85657	1	1.8802	-80.9071	-6.20E-05	1.99924	11	1.85657 0.008578
21	68	6.31623	0.460213	-2.79997	1	2.83754	-80.6661	4.32E-04	1.99926	11	2.79997 0.009004
22	70	3.97302	0.698583	-4.23476	1	4.292	-80.6326	-1.98E-04	1.99924	11	4.23476 0.009464
23	73	2.51085	1.02776	-6.3312	1	6.41408	-80.7795	1.38E-05	1.99871	10	6.3312 0.010017
24	76	1.58325	1.44119	-9.5394	1	9.6477	-81.4089	8.38E-06	1.99871	10	9.5394 0.010543
25	81	1.00006	1.95912	-14.4601	1	14.5922	-82.2843	4.77E-06	1.99852	10	14.4601 0.011011
60504											
0	5	100007	0.093817	0.038935	1	0.101575	22.5391	0.000283	2.26443	11	0.038935 4.09E-05
1	7	63105.5	0.075271	0.026484	1	0.079794	19.3842	1.59E-04	1.99949	11	0.026484 9.53E-05
2	9	39811.2	0.061016	0.01851	1	0.063762	16.8759	9.70E-05	1.9995	11	0.01851 0.000216
3	13	25123.7	0.05027	0.011402	1	0.051546	12.7789	5.25E-05	1.99945	11	0.011402 0.000556
4	18	15852.9	0.043686	0.004906	1	0.043961	6.40746	0.000099	1.99935	11	0.004906 0.002047
5	22	9998.2	0.041066	-0.000494	1	0.041069	-0.689067	1.22E-04	1.99934	11	0.000494 0.03224
6	26	6311.1	0.041378	-0.004888	1	0.041666	-6.73685	8.15E-05	1.9993	11	0.004888 0.005162
7	30	3980.93	0.043314	-0.008575	1	0.044155	-11.1978	9.90E-05	1.99923	11	0.008575 0.004665
8	34	2511.16	0.045533	-0.012078	1	0.047108	-14.8561	8.12E-05	1.99923	11	0.012078 0.00525
9	38	1584.49	0.047247	-0.016657	1	0.050097	-19.4205	7.70E-05	1.99927	11	0.016657 0.006033
10	42	999.95	0.048429	-0.023966	1	0.054035	-26.3296	7.22E-05	1.9992	11	0.023966 0.006645
11	46	630.984	0.049456	-0.035938	1	0.061134	-36.0047	8.88E-05	1.9992	11	0.035938 0.007022
12	48	398.209	0.050771	-0.055126	1	0.074943	-47.355	4.34E-04	1.99927	11	0.055126 0.007254
13	50	251.185	0.05261	-0.085627	1	0.100498	-58.4331	3.54E-04	1.99926	11	0.085627 0.007403
14	52	158.533	0.055664	-0.133571	1	0.144706	-67.3767	3.15E-04	1.99926	11	0.133571 0.00752
15	54	100.009	0.061222	-0.208589	1	0.217388	-73.6427	1.29E-04	1.99926	11	0.208589 0.007633
16	56	63.0971	0.071725	-0.325135	1	0.332953	-77.5598	2.30E-04	1.99926	11	0.325135 0.007762
17	58	40.0059	0.091195	-0.50243	1	0.510639	-79.7124	8.13E-05	1.99926	11	0.50243 0.007922
18	61	24.9911	0.128671	-0.783064	1	0.793565	-80.6687	1.63E-05	1.99926	11	0.783064 0.008137
19	63	15.7934	0.19409	-1.19629	1	1.21193	-80.7844	7.46E-05	1.99926	11	1.19629 0.008428
20	65	9.9987	0.30466	-1.81333	1	1.83874	-80.4627	-6.16E-05	1.99925	11	1.81333 0.008783
21	68	6.31623	0.467221	-2.7299	1	2.76959	-80.2879	4.57E-04	1.99927	11	2.7299 0.009235
22	70	3.97302	0.702871	-4.09402	1	4.15391	-80.2583	-2.09E-04	1.99925	11	4.09402 0.00979
23	72	2.51085	1.03296	-6.11687	1	6.20348	-80.4149	8.97E-06	1.99872	10	6.11687 0.010368
24	76	1.58325	1.43335	-9.20381	1	9.31475	-81.1482	4.87E-06	1.99871	10	9.20381 0.010928
25	81	1.00006	1.93103	-13.9466	1	14.0797	-82.117	2.99E-06	1.99856	10	13.9466 0.011417
60505											
0	26	100007	0.087223	0.025986	1	0.091012	16.5903	0.001175	2.26483	11	0.025986 6.13E-05
1	29	63105.5	0.071839	0.018392	1	0.074156	14.3598	3.85E-04	1.99959	11	0.018392 0.000137
2	31	39811.2	0.05945	0.013426	1	0.060947	12.7264	0.000247	1.99954	11	0.013426 0.000298
3	35	25123.7	0.049702	0.008054	1	0.05035	9.2049	2.04E-04	1.99938	11	0.008054 0.000787
4	39	15852.9	0.043855	0.002724	1	0.043939	3.55423	5.86E-05	1.99937	11	0.002724 0.003687
5	43	9998.2	0.041805	-0.001856	1	0.041846	-2.54148	2.41E-04	1.99935	11	0.001856 0.008581
6	48	6311.1	0.042369	-0.005726	1	0.042754	-7.69669	3.88E-05	1.99929	11	0.005726 0.004406
7	52	3980.93	0.044406	-0.009092	1	0.045327	-11.5713	1.72E-04	1.99926	11	0.009092 0.004399
8	56	2511.16	0.046642	-0.012414	1	0.048266	-14.904	1.52E-04	1.99922	11	0.012414 0.005108
9	60	1584.49	0.04833	-0.016889	1	0.051196	-19.2622	1.42E-04	1.9992	11	0.016889 0.00595
10	64	999.95	0.049462	-0.02416	1	0.055047	-26.0336	1.33E-04	1.99919	11	0.02416 0.006591
11	68	630.984	0.050374	-0.03618	1	0.06202	-35.6871	1.29E-04	1.99919	11	0.03618 0.006975
12	70	398.209	0.051467	-0.055584	1	0.075752	-47.2023	4.62E-04	1.99921	11	0.055584 0.007194
13	72	251.185	0.053051	-0.086599	1	0.101557	-58.5083	3.82E-04	1.99924	11	0.086599 0.00732
14	74	158.533	0.055834	-0.135421	1	0.146479	-67.5936	3.49E-04	1.99924	11	0.135421 0.007417
15	76	100.009	0.061003	-0.211916	1	0.220521	-73.9408	1.58E-04	1.99924	11	0.211916 0.007513
16	78	63.0971	0.07091	-0.330802	1	0.338316	-77.9013	2.70E-04	1.99926	11	0.330802 0.007629
17	80	40.0059	0.089306	-0.512123	1	0.519851	-80.108	1.10E-04	1.99924	11	0.512123 0.007772
18	83	24.9911	0.124585	-0.799603	1	0.809251	-81.144	5.20E-05	1.99924	11	0.799603 0.007969
19	85	15.7934	0.186861	-1.22627	1	1.24042	-81.3358	1.08E-04	1.99924	11	1.22627 0.008222
20	87	9.9987	0.292941	-1.86394	1	1.88682	-81.0683	-3.58E-05	1.99924	11	1.86394 0.008544
21	90	6.31623	0.44576	-2.81272	1	2.84782	-80.9946	4.70E-04	1.99925	11	2.81272 0.008963
22	92	3.97302	0.679693	-4.24916	1	4.30318	-80.912	-1.79E-04	1.99923	11	4.24916 0.009432
23	94	2.51085	0.99428	-6.37336	1	6.45045	-81.133	3.49E-05	1.99869	10	6.37336 0.009951
24	98	1.58325	1.39212	-9.626	1	9.7262	-81.771	1.37E-05	1.99868	10	9.626 0.010448
25	103	1.00006	1.88972	-14.6271	1	14.7487	-82.6386	2.44E-05	1.99853	10	14.6271 0.010886

## 60506

0	6	100007	0.103328	0.050749	1	0.115118	26.1574	0.000435	2.26441	11	0.050749	3.14E-05
1	8	63105.5	0.081507	0.03452	1	0.088516	22.9538	1.75E-04	1.99948	11	0.03452	7.31E-05
2	10	39811.2	0.065134	0.023764	1	0.069334	20.0445	1.84E-04	1.99947	11	0.023764	0.000168
3	14	25123.7	0.053184	0.014587	1	0.055148	15.3374	1.89E-04	1.99942	11	0.014587	0.000435
4	18	15852.9	0.045881	0.00674	1	0.046373	8.35745	-0.000148	1.99939	11	0.00674	0.00149
5	22	9998.2	0.043071	0.000573	1	0.043075	0.76183	1.27E-04	1.99932	11	0.000573	0.027795
6	26	6311.1	0.043287	-0.004285	1	0.043499	-5.65368	9.49E-05	1.99928	11	0.004285	0.005888
7	30	3980.93	0.045163	-0.008282	1	0.045916	-10.3911	6.19E-05	1.99925	11	0.008282	0.00483
8	34	2511.16	0.047404	-0.012024	1	0.048906	-14.2327	8.62E-05	1.99922	11	0.012024	0.005274
9	38	1584.49	0.049125	-0.016806	1	0.05192	-18.8861	8.09E-05	1.99921	11	0.016806	0.00598
10	42	999.95	0.050317	-0.024318	1	0.055885	-25.794	7.38E-05	1.99919	11	0.024318	0.006548
11	47	630.984	0.051333	-0.03655	1	0.063016	-35.4517	8.75E-05	1.9992	11	0.03655	0.006905
12	49	398.209	0.052544	-0.056161	1	0.076909	-46.9057	4.17E-04	1.99927	11	0.056161	0.00712
13	51	251.185	0.054269	-0.087406	1	0.102883	-58.1643	3.24E-04	1.99925	11	0.087406	0.007253
14	53	158.533	0.057207	-0.136563	1	0.148061	-67.2709	2.92E-04	1.99925	11	0.136563	0.007355
15	55	100.009	0.06262	-0.213518	1	0.222511	-73.6547	1.16E-04	1.99925	11	0.213518	0.007457
16	57	63.0971	0.072927	-0.333091	1	0.340981	-77.6506	2.29E-04	1.99924	11	0.333091	0.007576
17	59	40.0059	0.092002	-0.51527	1	0.523419	-79.8765	6.94E-05	1.99925	11	0.51527	0.007725
18	61	24.9911	0.129	-0.804546	1	0.814822	-80.8908	1.34E-05	1.99925	11	0.804546	0.00792
19	63	15.7934	0.193612	-1.23208	1	1.2472	-81.0695	7.60E-05	1.99924	11	1.23208	0.008183
20	65	9.9987	0.305463	-1.86893	1	1.89373	-80.7175	-6.40E-05	1.99924	11	1.86893	0.008521
21	68	6.31623	0.474962	-2.81713	1	2.85689	-80.4301	4.23E-04	1.99926	11	2.81713	0.008949
22	70	3.97302	0.717656	-4.23901	1	4.29933	-80.3911	-2.08E-04	1.99924	11	4.23901	0.009455
23	73	2.51085	1.06479	-6.3336	1	6.42248	-80.4568	9.23E-06	1.99871	10	6.3336	0.010013
24	76	1.58325	1.49079	-9.5234	1	9.5234	-81.1031	5.42E-06	1.9987	10	9.5234	0.010561
25	81	1.00006	2.01911	-14.4136	1	14.5543	-82.0257	4.22E-06	1.99853	10	14.4136	0.011047

## 60507

0	5	100007	0.10059	0.044656	1	0.110057	23.9382	4.19E-04	2.26442	11	0.044656	3.57E-05
1	7	63105.5	0.080557	0.030353	1	0.086085	20.6458	2.18E-04	1.99949	11	0.030353	8.31E-05
2	9	39811.2	0.065381	0.021053	1	0.068686	17.8486	1.42E-04	1.99949	11	0.021053	0.00019
3	13	25123.7	0.05395	0.012924	1	0.055476	13.4721	0.000121	1.99942	11	0.012924	0.00049
4	17	15852.9	0.047126	0.005795	1	0.047481	7.01003	4.69E-05	1.99938	11	0.005795	0.001733
5	21	9998.2	0.044531	7.06E-06	1	0.044531	0.009089	1.69E-04	1.99932	11	7.06E-06	2.255869
6	25	6311.1	0.044862	-0.004654	1	0.045103	-5.92249	1.25E-04	1.99929	11	0.004654	0.005421
7	30	3980.93	0.046849	-0.008525	1	0.047618	-10.3133	1.12E-04	1.99924	11	0.008525	0.004692
8	34	2511.16	0.049178	-0.012138	1	0.050654	-13.8643	1.22E-04	1.99922	11	0.012138	0.005224
9	38	1584.49	0.051023	-0.016734	1	0.053697	-18.1578	1.08E-04	1.99921	11	0.016734	0.006006
10	42	999.95	0.052353	-0.023955	1	0.057573	-24.5878	1.10E-04	1.9992	11	0.023955	0.006648
11	46	630.984	0.053505	-0.035723	1	0.064334	-33.7297	1.16E-04	1.9992	11	0.035723	0.007064
12	48	398.209	0.054935	-0.054581	1	0.07744	-44.8146	4.33E-04	1.99927	11	0.054581	0.007326
13	50	251.185	0.057024	-0.084615	1	0.102037	-56.0231	3.25E-04	1.99925	11	0.084615	0.007492
14	52	158.533	0.060623	-0.131703	1	0.144986	-65.2834	2.97E-04	1.99925	11	0.131703	0.007626
15	54	100.009	0.06723	-0.205042	1	0.215782	-71.8465	1.28E-04	1.99925	11	0.205042	0.007765
16	56	63.0971	0.07964	-0.318258	1	0.328071	-75.951	2.36E-04	1.99924	11	0.318258	0.00793
17	58	40.0059	0.102108	-0.489107	1	0.499652	-78.2081	9.34E-05	1.99925	11	0.489107	0.008138
18	60	24.9911	0.143982	-0.75752	1	0.771082	-79.2382	4.36E-05	1.99925	11	0.75752	0.008411
19	62	15.7934	0.21523	-1.14872	1	1.16871	-79.3878	9.80E-05	1.99925	11	1.14872	0.008777
20	65	9.9987	0.328444	-1.72731	1	1.75826	-79.2339	-5.36E-05	1.99924	11	1.72731	0.00922
21	68	6.31623	0.495158	-2.57793	1	2.62505	-79.1273	4.34E-04	1.99925	11	2.57793	0.009779
22	70	3.97302	0.713487	-3.85535	1	3.92082	-79.5152	-1.89E-04	1.99924	11	3.85535	0.010396
23	72	2.51085	1.01679	-5.74965	1	5.83886	-79.9713	-3.59E-04	1.99871	11	5.74965	0.01103
24	76	1.58325	1.37089	-8.65053	1	8.75848	-80.995	1.27E-05	1.9987	10	8.65053	0.011626
25	80	1.00006	1.8106	-13.1324	1	13.2566	-82.1499	5.05E-06	1.99852	10	13.1324	0.012125

## 61233

0	6	100007	0.098089	0.041126	1	0.106362	22.7471	5.73E-04	2.26439	11	0.041126	3.87E-05
1	7	63105.5	0.078789	0.02792	1	0.08359	19.5128	1.93E-04	1.99951	11	0.02792	9.04E-05
2	10	39811.2	0.064253	0.019397	1	0.067117	16.7985	1.44E-04	1.9995	11	0.019397	0.000206
3	14	25123.7	0.053273	0.011783	1	0.05456	12.4719	2.58E-04	1.99941	11	0.011783	0.000538
4	18	15852.9	0.046733	0.005005	1	0.047	6.11236	3.34E-05	1.99936	11	0.005005	0.002007
5	22	9998.2	0.044313	-0.000525	1	0.044316	-0.678716	1.74E-04	1.99932	11	0.000525	0.030336
6	26	6311.1	0.044764	-0.005007	1	0.045043	-6.38191	1.36E-04	1.99928	11	0.005007	0.005039
7	30	3980.93	0.046817	-0.008745	1	0.047627	-10.5807	1.29E-04	1.99925	11	0.008745	0.004574
8	34	2511.16	0.049145	-0.012276	1	0.050655	-14.0244	1.25E-04	1.99922	11	0.012276	0.005165
9	38	1584.49	0.050949	-0.016839	1	0.05366	-18.2893	1.25E-04	1.9992	11	0.016839	0.005968
10	43	999.95	0.052198	-0.024106	1	0.057495	-24.7883	1.21E-04	1.99919	11	0.024106	0.006606
11	47	630.984	0.053254	-0.03602	1	0.064292	-34.0739	1.27E-04	1.99919	11	0.03602	0.007006
12	49	398.209	0.054532	-0.055147	1	0.077556	-45.3217	4.30E-04	1.99922	11	0.055147	0.007251
13	51	251.185	0.056356	-0.085637	1	0.102517	-56.6522	3.35E-04	1.99924	11	0.085637	0.007403
14	53	158.533	0.059433	-0.133582	1	0.146207	-66.0149	2.98E-04	1.99924	11	0.133582	0.007519
15	55	100.009	0.065053	-0.208559	1	0.218469	-72.6764	1.47E-04	1.99925	11	0.208559	0.007634
16	57	63.0971	0.075652	-0.324883	1	0.333574	-76.8917	2.47E-04	1.99923	11	0.324883	0.007768
17	59	40.0059	0.094928	-0.501656	1	0.510558	-79.2847	1.00E-04	1.99924	11	0.501656	0.007934
18	61	24.9911	0.131566	-0.78133	1	0.792329	-80.4418	5.76E-05	1.99924	11	0.78133	0.008155
19	63	15.7934	0.194398	-1.19531	1	1.21101	-80.7626	1.12E-04	1.99924	11	1.19531	0.008435
20	65	9.9987	0.295186	-1.81076	1	1.83466	-80.7412	-4.29E-05	1.99923	11	1.81076	0.008795
21	68	6.31623	0.443668	-2.72947	1	2.76529	-80.7675	4.48E-04	1.99925	11	2.72947	0.009236
22	70	3.97302	0.658147	-4.12906	1	4.18118	-80.9436	-1.75E-04	1.99924	11	4.12906	0.009707
23	73	2.51085	0.946298	-6.19477	1	6.26663	-81.3148	3.19E-05	1.9987	10	6.19477	0.010238
24	76	1.58325	1.30588	-9.38502	1	9.47544	-82.0784	1.28E-05	1.9987	10	9.38502	0.010717
25	81	1.00006	1.75781	-14.302	1	14.4096	-82.9931	2.43E-05	1.99851	10	14.302	0.011133

