

Nyquist plot data

500W, 10sccm		500W, 8sccm		500W, 4sccm	
Zreal	Zi	Zreal	Zi	Zreal	Zi
149.702	0.43011	161.974	1.72453	138.4	2.05335
149.839	0.99378	162.662	3.40728	138.69	4.16469
150.019	0.39275	163.141	4.87041	139.083	5.68341
150.21	0.26217	163.235	6.21379	139.444	7.03955
150.274	0.91799	163.803	7.81069	139.767	8.52401
150.157	1.38903	163.831	8.29932	139.886	10.3217
150.348	1.65323	164.655	9.60929	140.297	11.5345
149.899	2.3548	165.141	10.7081	140.424	13.2492
150.424	2.57314	165.753	11.765	141.156	14.8859
150.175	3.17194	166.512	13.1925	141.761	16.6781
150.211	3.67108	167.348	13.8468	142.264	18.8557
150.459	3.72968	168.882	14.7753	142.985	20.7318
150.86	4.18756	169.71	16.0125	143.774	22.7716
151.553	5.29236	172.022	17.6857	147.134	26.1291
151.926	5.49123	173.105	18.5913	149.009	28.371
153.977	6.13053	174.949	18.9129	150.202	31.2421
153.51	6.89033	176.554	19.8973	151.124	34.3345
154.216	7.48848	178.051	21.2314	153.358	36.903
154.065	7.77763	179.227	21.4667	155.262	39.8068
154.534	7.53096	180.815	21.4969	158.573	42.816
154.758	7.75847	182.846	22.4506	161.268	46.517
155.95	10.0849	184.07	22.8293	162.575	49.8592
156.065	11.1048	186.106	23.7746	166.395	53.8082
156.19	12.1278	187.688	24.5097	170.234	57.7866
156.791	12.3672	189.023	24.9189	173.895	61.3747
156.467	13.4415	190.206	25.3452	179.418	64.7713
156.703	13.8751	192.087	25.3229	183.995	68.0255
157.296	14.232	193.764	26.439	189.394	71.4529
157.052	15.067	194.537	26.752	195.291	74.2621
157.611	15.9539	195.985	28.3466	202.298	76.765
158.26	18.1154	196.893	28.9342	208.524	79.7945
158.934	19.9654	198.567	30.7043	215.044	82.2034
159.255	22.1551	199.042	32.1665	221.856	84.2753
159.279	23.9465	200.744	33.7731	227.913	85.8032
161.103	26.786	201.883	36.3973	234.69	87.3738
161.882	29.2439	203.137	37.9793	241.002	90.1068
162.496	33.3851	204.535	41.13	246.618	91.7165
163.182	36.087	205.587	44.1867	253.398	93.0816
164.271	40.653	207.32	47.5208	258.149	94.9803
165.538	43.8297	209.81	49.7904	264.642	96.3216
166.743	48.9172	210.998	54.6464	269.567	99.1815
168.575	52.893	211.722	60.6302	274.414	102.381
169.958	59.0525	213.253	65.6458	279.324	105.548
171.151	65.2534	216.339	71.7988	284.392	109.738
173.862	71.7318	217.875	78.5686	288.999	114.306
175.691	78.2228	220.378	84.8602	293.066	119.181

177.635	85.8719	222.648	93.1357	297.96	124.212
179.617	94.7412	225.434	101.503	301.474	131.46
182.578	103.93	228.161	112.022	306.168	140.045
185.066	114.701	230.936	123.049	311.165	149.219
188.875	125.821	234.994	134.256	314.801	160.192
192.176	138.245	238.569	147.343	320.012	171.949
194.879	150.511	241.79	160.645	324.088	185.307
198.422	165.143	246.203	177.567	329.443	198.811
203.436	182.277	251.137	194.591	333.087	216.64
207.721	198.087	257.831	211.408	340.098	232.609
213.509	220.017	263.029	233.528	343.783	256.808
219.023	242.568	270.55	256.833	351.71	280.666
227.287	266.684	277.991	282.392	357.375	306.524
233.809	294.044	287.424	310.173	365.078	334.767
239.98	323.015	294.446	339.439	372.777	365.433
248.535	352.191	305.388	371.521	379.058	400.983
259.028	390.016	314.921	410.413	389.034	441.738
267.865	430.846	329.854	451.846	398.925	490.527
281.5	474.855	342.655	494.857	410.569	539.73
292.708	522.026	356.098	545.005	422.876	594.165
306.235	569.93	375.086	596.319	436.639	649.297
323.751	635.397	392.872	659.05	451.934	722.684
342.545	702.943	414.809	727.238	469.921	801.602
363.752	775.821	439.148	801.124	489.317	887.495
393.427	848.729	471.812	872.598	518.969	972.351
411.12	940.121	495.165	963.9	535.391	1080.91
443.397	1030.05	530.495	1051.57	568.041	1187.72
473.213	1130.14	565.341	1154	594.687	1309.16
501.499	1250.67	598.157	1270	622.403	1454.98
537.709	1360.18	637.583	1381.12	652.13	1590.06
578.067	1505.13	686.223	1524.07	692.821	1764.24
624.339	1662.79	737.075	1673.55	736.324	1952.75
679.316	1833.48	790.055	1840.67	788.169	2153.77
739.2	2008	859.316	1999.15	834.889	2370.79
785.498	2188.99	923.877	2182.87	904.445	2591.39
861.572	2410.25	989.479	2400.66	965.154	2884.54
933.512	2656.77	1066.24	2633.75	1026.91	3188.88
1022.72	2926.97	1168.32	2893.16	1114.17	3529.39
1124.72	3215.31	1269.09	3166.53	1210.39	3898.09
1230.8	3526.46	1380.46	3461.89	1321.48	4295.55
1351.64	3853.2	1497.44	3768.63	1434.03	4714.04
1492.42	4216.79	1637.68	4127.89	1564.88	5192.97
1655.03	4645.29	1791.66	4532.14	1719.53	5753.38
1830.37	5103.61	1965.98	4965.49	1892.48	6364.42
2024.19	5591.75	2150.85	5426.89	2095	7018.59
2228.85	6110.45	2360.45	5922.53	2311.88	7720.6
2455.24	6662.39	2576.73	6455.34	2522.02	8470.73
2736.94	7289.23	2835.07	7045.35	2799.66	9331.75
3039.97	8032.33	3133.45	7759.47	3154.15	10355.5
3335.54	8693.92	3421.32	8396.26	3437.76	11279.6

3707.22	9493.83	3769.32	9172.3	3852.54	12476.4
4130.82	10390.9	4123.65	10024.6	4334.03	13712.4
4606.42	11344.3	4575.22	10916	4821.83	15090.6
5077.06	12305.7	5024.27	11876.7	5384.89	16523.9
5568.04	13402.7	5450.06	12883.3	6008.88	18073.9
6236.54	14579	6116.95	14061.3	6762.69	19853.9
6910.31	15930.6	6683.02	15384.6	7667.07	21893.7
7691.32	17331.9	7393.86	16764.1	8671.18	24006.2
8526.15	18804.5	8157.05	18226.8	9780.33	26256.4
9428.07	20338.9	8967.04	19749.4	10999.2	28579.4
10410.3	21963.5	9850.12	21356.8	12338.7	31037.2
11651.2	23825.1	10956.3	23230.7	14145.4	33915.4
12919	25787.4	12127.7	25255.8	16011.9	36948.3
14352.7	27915.3	13427.9	27385.5	18127.2	40166.1
15822.8	30048.8	14772.3	29667.6	20408.1	43428.4
17423.9	32359.7	16262.8	32041.9	22921	46808.3
19046.4	34630.9	17782.1	34452.1	25603.7	50185.1
21055.4	37230.4	19730	37247.7	28803.3	54034.6
23178.9	40001.9	21726.5	40215.8	32229.6	57810.1
25318.3	42573.1	23831.2	43028	35633.3	61644.1
27849.8	45786.9	26343	46428.7	39832.8	65771.8
31176.1	49012.2	29040.5	50137.7	44400.7	70207.9
32929.9	52474.4	31492.5	53785.1	48203.1	74482.1
35603.8	56167.6	34317.4	57682.4	52575.1	79131.9
38480.2	59893.1	37240.3	61709.7	55488	83769.7
40549.9	63699.6	39923.1	65946.9	60763.2	88377.9
45463.3	68531.5	44813	70969.4	67613.7	93817.7
49018.4	73305.9	48769.4	75995.3	72894.9	99452.6
52750.4	78294.1	52851.1	81228.2	78059.6	105299
56652.7	83362	57183.9	86625.2	83381	111417
60577.6	88140.9	61619.7	92116	88472.4	117834
66429.1	95721.5	68385.2	98834.5	97288.3	125922
71640.9	102390	73831.6	105756	103658	134603
76031.6	110009	79501.4	112909	109820	143586
81500.3	117570	85372.3	120620	116157	153365
87108.5	126083	91524.2	128407	122515	164486
95562.3	138164	97543.2	136247	129153	176983

Uncoated steel

Zreal	Zi
105.86685	0.14013
106.01565	0.31502
106.11334	0.24463
106.13289	0.22357
106.19156	0.35011
106.05228	0.43635
106.24292	0.88617
106.05716	1.221
105.81324	1.74496
106.11334	1.98562
105.96928	1.63658
105.87173	2.23364
105.78888	2.54398
106.21112	2.69634
105.68418	2.99843
105.62093	2.90486
105.89611	3.39893
105.64526	3.50096
105.76695	3.8892
105.73043	3.92971
105.96196	4.33653
105.98148	4.604
106.02542	5.3405
105.92781	5.54768
106.04984	5.52626
106.24047	6.00037
106.36286	6.35671
106.26249	6.68703
106.3947	6.90812
106.73332	7.15932
106.93503	7.36986
107.30254	7.69592
107.10506	8.67287
107.62669	8.86572
108.10356	8.94073
108.40268	9.23601
108.83786	10.0292
109.66297	10.56094
110.61907	10.7671
111.17573	10.98564
112.26904	11.2069
113.28176	12.1501
114.87354	13.316
116.64335	15.277
118.6233	16.9517
120.80085	18.9522

123.49233	20.1281
126.56782	24.0675
128.84986	26.1114
130.74046	28.1156
135.08971	30.9704
138.52518	36.1714
140.68571	39.9769
147.09571	44.4646
153.18633	49.3218
162.05409	54.4547
171.73547	59.4268
182.1126	67.4022
187.7842	74.7565
194.83636	83.0911
205.66451	92.2962
210.43598	102.123
221.6853	112.405
227.27413	124.294
235.4632	138.771
246.01977	152.607
266.57536	169.56
281.6472	188.073
290.59625	210.15
319.49201	232.09
336.9012	256.508
351.31768	283.839
386.82987	318.301
426.12793	353.791
466.2405	391.916
519.11072	436.598
577.56385	483.307
641.40154	540.618
709.15309	604.155
786.99142	673.994
870.20185	745.004
963.38527	833
1071.14928	922.185
1176.03433	1023.6
1127.055	1140.43
1310.23742	1257.13
1459.41901	1404.83
1620.24243	1569.15
1786.36417	1744.29
1963.40549	1931.06
2182.98122	2138.14
2417.57524	2380.66
2683.73729	2650.04
2967.97337	2950.62
3270.61934	3281.69
3592.69211	3640.54

3952.66493	4018.37
4363.95235	4461.04
4807.06506	4969.91
5277.52136	5537.04
5759.70181	6142.65
6262.67681	6781.67
6849.67554	7494.4
7471.02174	8275.5
7858.203	9196.31
8023.61349	10089.7
8711.6416	11153.4
9412.6086	12413.7
10148.22295	13648
10879.52664	14912.6
11570.97619	16274.8
12358.33604	17826.3
13312.2051	19617.7
14211.82987	21414.5
15133.17311	23254.3
16102.74813	25135.5
17131.68183	27068.9
18350.16611	29203.5
19628.63051	31348.5
21053.7761	33514.7
22598.52012	35695.7
23993.1	37879.9
24252.13628	39966.2
26013.57257	42333.6
28206.55195	44671.1
30541.47447	46901.1
32925.31966	49512.2
35875.6683	52307.7
39142.62976	55468.2
42894.3	58973.9
45237.1	62469.6
47074.3	66682.7
50735.1	71417.6