run80

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
1	18:04:50	39.990000	1.360000	0.020000	-3.560000	0.050000
2	18:10:37	39.990000	1.410000	0.030000	-3.460000	0.080000
3	18:16:24	39.989000	1.480000	0.040000	-3.490000	0.020000
4	18:22:12	39.989000	1.590000	0.040000	-3.480000	0.060000
5	18:27:59	39.989000	1.500000	0.020000	-3.360000	0.040000
6	18:33:47	39.990000	1.440000	0.060000	-3.420000	0.060000
7	18:39:34	39.989000	1.350000	0.030000	-3.360000	0.050000
8	18:45:22	39.990000	1.420000	0.040000	-3.370000	0.070000
9	18:51:09	39.989000	1.500000	0.050000	-3.360000	0.070000
10	18:56:56	39.990000	1.390000	0.080000	-3.320000	0.100000
11						
12	19:09:12	31.992000	1.000000	0.050000	-3.340000	0.030000
13	19:15:01	33.457000	0.990000	0.050000	-3.210000	0.070000
14	19:20:48	34.985000	1.030000	0.010000	-3.120000	0.010000
15	19:26:36	36.526000	1.270000	0.040000	-3.170000	0.020000
16						
17	19:33:12	39.990000	1.510000	0.020000	-3.140000	0.020000
18	19:38:58	39.990000	1.360000	0.040000	-3.270000	0.110000
19	19:44:44	39.990000	1.350000	0.040000	-3.070000	0.020000
20	19:50:31	39.990000	1.270000	0.030000	-3.110000	0.040000
21	19:56:18	39.989000	1.380000	0.030000	-2.880000	0.050000
22	20:02:05	39.990000	1.550000	0.020000	-2.980000	0.070000
23	20:07:51	39.990000	1.310000	0.050000	-2.910000	0.100000
24	20:13:38	39.990000	1.520000	0.020000	-3.020000	0.030000
25	20:19:24	39.990000	1.450000	0.050000	-3.120000	0.070000
26	20:25:11	39.989000	1.380000	0.050000	-3.090000	0.060000
27	20:30:58	39.990000	1.580000	0.040000	-3.050000	0.050000
28	20:36:45	39.989000	1.520000	0.030000	-2.980000	0.030000
29	20:42:31	39.990000	1.600000	0.020000	-2.690000	0.060000
30	20:48:18	39.990000	1.620000	0.060000	-2.790000	0.020000
31	20:54:04	39.990000	1.430000	0.040000	-2.760000	0.060000
32	20:59:50	39.990000	1.430000	0.030000	-2.800000	0.060000
33						
34	21:12:09	31.992000	0.820000	0.120000	-2.470000	0.090000
35	21:17:57	33.457000	0.930000	0.030000	-2.530000	0.060000
36	21:23:44	34.986000	1.250000	0.030000	-2.590000	0.040000
37	21:29:31	36.527000	1.240000	0.090000	-2.560000	0.070000
38						
39	21:36:07	39.990000	1.540000	0.030000	-2.560000	0.080000
40	21:41:53	39.990000	1.510000	0.050000	-2.730000	0.040000
41	21:47:40	39.990000	1.480000	0.020000	-2.520000	0.030000
42	21:53:27	39.990000	1.570000	0.050000	-2.640000	0.060000
43	21:59:13	39.990000	1.590000	0.040000	-2.530000	0.040000
44	22:04:59	39.990000	1.440000	0.040000	-2.430000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
1	23.794555	23.425079	23.298462	24.715270	23.563323	0.000000
2	23.859436	23.333924	23.221313	24.708709	23.524933	0.000000
3	23.722412	23.268737	23.159638	24.699493	23.482575	0.000000
4	23.797516	23.264771	23.163514	24.697082	23.457093	0.000000
5	23.744628	23.329652	23.229675	24.691558	23.455506	0.000000
6	23.596863	23.399231	23.305816	24.679444	23.464751	0.000000
7	23.624389	23.464447	23.354340	24.672362	23.482482	0.000000
8	23.732299	23.455506	23.334656	24.670196	23.484865	0.000000
9	23.677031	23.371338	23.262544	24.661986	23.465639	0.000000
10	23.704254	23.286986	23.170441	24.654419	23.435822	0.000000
11	23.795197	23.121155	23.091646	24.646302	23.379333	0.000000
12	23.822662	23.187499	23.106995	24.654756	23.363252	0.000000
13	23.918182	23.260681	23.169524	24.665405	23.361848	0.000000
14	23.961212	23.333404	23.236451	24.678101	23.371093	0.000000
15	23.854706	23.383852	23.276429	24.685059	23.384948	0.000000
16	24.001281	23.384978	23.275636	24.687439	23.385957	0.000000
17	23.971221	23.362762	23.235046	24.694398	23.382965	0.000000
18	23.924927	23.271423	23.140625	24.693084	23.359038	0.000000
19	23.870971	23.158416	23.033112	24.694733	23.318114	0.000000
20	23.794128	23.107057	22.984131	24.697327	23.281677	0.000000
21	23.889434	23.122527	23.007935	24.707733	23.262786	0.000000
22	23.887786	23.177612	23.066742	24.707274	23.261108	0.000000
23	23.862578	23.261841	23.148314	24.707458	23.275636	0.000000
24	23.853363	23.310668	23.192750	24.714965	23.291290	0.000000
25	23.903045	23.284302	23.157258	24.718140	23.291716	0.000000
26	23.879303	23.192200	23.058257	24.722047	23.268190	0.000000
27	23.845458	23.092652	22.964966	24.722260	23.231291	0.000000
28	23.863768	23.050964	22.930328	24.717591	23.201508	0.000000
29	23.992829	23.064118	22.948730	24.730744	23.184814	0.000000
30	23.876190	23.116607	23.001037	24.731720	23.183562	0.500000
31	23.880035	23.189788	23.073578	24.736085	23.196259	0.500000
32	23.904266	23.242889	23.119050	24.739775	23.213685	0.500000
33	23.805327	23.128694	23.086791	24.741911	23.196136	0.000000
34	24.014556	23.081880	22.984986	24.750336	23.177553	0.000000
35	23.894867	22.990480	22.893035	24.751008	23.141265	0.000000
36	23.878388	22.947052	22.855255	24.747925	23.109985	0.500000
37	23.941192	22.968049	22.868104	24.750518	23.094147	0.500000
38	23.908386	22.973724	22.869963	24.752502	23.093078	0.500000
39	23.864045	23.043213	22.926087	24.757295	23.096834	0.500000
40	23.943390	23.103911	22.986450	24.759917	23.107727	0.500000
41	23.870880	23.135497	23.009918	24.765993	23.118438	0.500000
42	23.884797	23.088899	22.951723	24.765992	23.110442	0.500000
43	23.919341	22.981598	22.846008	24.770294	23.078522	0.500000
44	23.862578	22.899995	22.780672	24.768402	23.045744	0.500000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
1	-0.500000	0.126617	1.081000e-3
2	-0.500000	0.112611	1.081000e-3
3	0.000000	0.109099	1.081000e-3
4	0.000000	0.101257	1.081000e-3
5	0.000000	0.099977	1.081000e-3
6	0.000000	0.093415	1.082000e-3
7	0.000000	0.110107	1.082000e-3
8	0.000000	0.120850	1.081000e-3
9	0.000000	0.108794	1.081000e-3
10	0.000000	0.116545	1.081000e-3
11	0.000000	0.029509	1.330000e-4
12	0.000000	0.080504	8.650000e-4
13	0.000000	0.091157	9.040000e-4
14	0.000000	0.096953	9.460000e-4
15	0.000000	0.107423	9.880000e-4
16	0.000000	0.109342	1.029000e-3
17	0.000000	0.127716	1.081000e-3
18	0.000000	0.130798	1.081000e-3
19	0.000000	0.125304	1.080000e-3
20	0.000000	0.122926	1.081000e-3
21	0.000000	0.114592	1.081000e-3
22	0.000000	0.110870	1.081000e-3
23	0.000000	0.113527	1.081000e-3
24	0.000000	0.117918	1.081000e-3
25	0.000000	0.127044	1.081000e-3
26	0.000000	0.133943	1.081000e-3
27	0.000000	0.127686	1.080000e-3
28	0.000000	0.120636	1.080000e-3
29	0.500000	0.115388	1.080000e-3
30	0.500000	0.115570	1.081000e-3
31	0.500000	0.116210	1.081000e-3
32	0.500000	0.123839	1.081000e-3
33	0.500000	0.041903	1.330000e-4
34	0.500000	0.096894	8.640000e-4
35	0.500000	0.097445	9.030000e-4
36	0.500000	0.091797	9.450000e-4
37	0.500000	0.099945	9.870000e-4
38	0.500000	0.103761	1.028000e-3
39	0.500000	0.117126	1.081000e-3
40	0.500000	0.117461	1.080000e-3
41	0.500000	0.125579	1.081000e-3
42	0.500000	0.137176	1.080000e-3
43	0.500000	0.135590	1.080000e-3
44	0.500000	0.119323	1.080000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
45	22:10:45	39.990000	1.480000	0.020000	-2.480000	0.030000
46	22:16:32	39.990000	1.360000	0.060000	-2.380000	0.070000
47	22:22:19	39.990000	1.580000	0.040000	-2.350000	0.050000
48	22:28:05	39.989000	1.520000	0.040000	-2.360000	0.020000
49	22:33:53	39.990000	1.570000	0.080000	-2.410000	0.060000
50	22:39:39	39.990000	1.480000	0.030000	-2.390000	0.040000
51	22:45:26	39.989000	1.400000	0.050000	-2.380000	0.030000
52	22:51:13	39.990000	1.530000	0.030000	-2.310000	0.030000
53	22:56:59	39.990000	1.630000	0.170000	-2.230000	0.230000
54	23:02:46	39.990000	1.550000	0.060000	-2.280000	0.070000
55						
56	23:15:05	31.992000	0.860000	0.330000	-2.290000	0.320000
57	23:20:53	33.458000	0.590000	0.540000	-2.240000	0.290000
58	23:26:41	34.985000	1.690000	0.550000	-2.100000	0.200000
59	23:32:28	36.528000	0.710000	1.080000	-2.490000	0.940000
60						
61	23:39:04	39.990000	1.770000	0.120000	-2.070000	0.080000
62	23:44:51	39.990000	0.130000	0.450000	-2.230000	0.360000
63	23:50:38	39.990000	1.610000	0.040000	-2.050000	0.070000
64	23:56:25	39.991000	1.650000	0.030000	-2.080000	0.060000
65	00:02:12	39.990000	1.620000	0.020000	-1.990000	0.040000
66	00:07:59	39.990000	1.690000	0.120000	-2.190000	0.110000
67	00:13:46	39.990000	1.740000	0.020000	-2.240000	0.040000
68	00:19:32	39.990000	1.710000	0.050000	-2.100000	0.050000
69	00:25:19	39.990000	1.660000	0.070000	-1.980000	0.150000
70	00:31:06	39.989000	1.540000	0.020000	-2.070000	0.040000
71	00:36:53	39.990000	1.560000	0.020000	-2.110000	0.030000
72	00:42:40	39.990000	1.490000	0.050000	-2.150000	0.060000
73	00:48:27	39.990000	1.710000	0.030000	-2.160000	0.040000
74	00:54:13	39.990000	1.590000	0.070000	-2.210000	0.060000
75	01:00:00	39.990000	1.600000	0.040000	-2.150000	0.050000
76	01:05:47	39.990000	1.580000	0.020000	-2.180000	0.030000
77						
78	01:18:06	31.993000	1.030000	0.040000	-1.970000	0.070000
79	01:23:53	33.458000	1.150000	0.040000	-1.960000	0.070000
80	01:29:41	34.986000	1.350000	0.060000	-2.120000	0.050000
81	01:35:28	36.527000	1.160000	0.070000	-2.090000	0.050000
82						
83	01:42:04	39.990000	1.440000	0.030000	-2.240000	0.070000
84	01:47:51	39.990000	1.420000	0.090000	-2.270000	0.040000
85	01:53:37	39.991000	1.550000	0.020000	-2.320000	0.050000
86	01:59:24	39.989000	1.590000	0.080000	-2.120000	0.040000
87	02:05:10	39.990000	1.680000	0.050000	-2.100000	0.030000
88	02:10:57	39.989000	1.640000	0.030000	-2.140000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
45	23.835601	22.871551	22.749571	24.775695	23.014069	0.500000
46	23.873200	22.881317	22.768891	24.769318	22.999146	0.500000
47	23.881804	22.923736	22.804018	24.775208	22.993439	0.500000
48	23.881468	22.974580	22.854981	24.774932	22.999968	0.500000
49	23.936371	23.019225	22.905517	24.784394	23.011565	0.500000
50	23.904662	23.037047	22.911745	24.787841	23.018646	0.500000
51	23.895964	22.985777	22.852662	24.792296	23.008271	0.500000
52	23.843903	22.876770	22.742857	24.789491	22.974305	0.500000
53	23.770020	22.797729	22.678071	24.786498	22.941041	0.500000
54	23.989500	22.762999	22.647186	24.791046	22.910431	0.500000
55	23.912537	22.665010	22.648041	24.794311	22.867584	0.500000
56	23.959777	22.742188	22.669037	24.789033	22.861754	0.500000
57	23.832702	22.785553	22.698912	24.788696	22.860718	0.500000
58	23.948731	22.830748	22.739959	24.786804	22.864775	0.500000
59	23.840363	22.886505	22.785278	24.784515	22.879212	0.500000
60	23.942565	22.891326	22.792297	24.782653	22.880370	0.500000
61	23.763642	22.932097	22.806640	24.780945	22.896514	0.500000
62	23.796234	22.875640	22.744629	24.777437	22.889100	0.500000
63	23.884673	22.772490	22.645232	24.780120	22.865173	0.500000
64	23.849182	22.696471	22.573332	24.776062	22.825713	0.500000
65	23.951752	22.647490	22.529418	24.781495	22.794526	0.500000
66	23.749022	22.656738	22.537599	24.778169	22.778168	0.500000
67	23.796722	22.703673	22.582824	24.776947	22.773681	0.500000
68	23.914763	22.789216	22.675996	24.779420	22.786955	0.500000
69	23.831908	22.882753	22.765898	24.777313	22.815489	0.500000
70	23.829407	22.957001	22.833771	24.780640	22.850646	0.500000
71	23.861174	23.001251	22.875428	24.786439	22.884491	0.500000
72	23.822417	23.010986	22.881439	24.781251	22.901368	0.500000
73	24.016051	22.944245	22.811707	24.789765	22.900606	0.500000
74	23.874328	22.811616	22.680085	24.787415	22.872072	0.500000
75	23.811583	22.670867	22.542999	24.786530	22.829253	0.500000
76	23.910827	22.580352	22.466950	24.794952	22.779784	0.500000
77	23.832793	22.482573	22.466614	24.795928	22.725311	0.500000
78	23.762054	22.604827	22.539611	24.788696	22.730470	0.500000
79	24.013030	22.733979	22.663789	24.792603	22.747619	0.500000
80	23.954803	22.881438	22.797242	24.793639	22.793823	0.500000
81	23.917756	23.007751	22.909882	24.796967	22.845674	0.500000
82	23.925232	23.020050	22.919678	24.794860	22.848510	0.500000
83	23.811707	23.066469	22.934602	24.794373	22.891051	0.500000
84	23.906769	22.977143	22.841277	24.795533	22.890655	0.500000
85	23.979613	22.838501	22.712097	24.804352	22.865417	0.500000
86	23.866972	22.740540	22.625670	24.801239	22.837310	0.500000
87	23.764221	22.702605	22.582734	24.802978	22.816895	0.500000
88	23.828613	22.697510	22.583007	24.801026	22.795320	0.500000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
45	0.500000	0.121980	1.080000e-3
46	0.500000	0.112426	1.080000e-3
47	0.500000	0.119718	1.080000e-3
48	0.500000	0.119599	1.081000e-3
49	0.500000	0.113708	1.080000e-3
50	0.500000	0.125302	1.080000e-3
51	0.500000	0.133115	1.080000e-3
52	0.500000	0.133913	1.079000e-3
53	0.500000	0.119658	1.080000e-3
54	0.500000	0.115813	1.079000e-3
55	1.000000	0.016969	1.330000e-4
56	1.000000	0.073151	8.630000e-4
57	1.000000	0.086641	9.030000e-4
58	1.000000	0.090789	9.450000e-4
59	1.000000	0.101227	9.870000e-4
60	1.000000	0.099029	1.028000e-3
61	1.000000	0.125457	1.080000e-3
62	1.000000	0.131011	1.080000e-3
63	1.000000	0.127258	1.079000e-3
64	1.000000	0.123139	1.079000e-3
65	1.000000	0.118072	1.079000e-3
66	1.000000	0.119139	1.079000e-3
67	1.000000	0.120849	1.080000e-3
68	1.000000	0.113220	1.080000e-3
69	1.000000	0.116855	1.080000e-3
70	1.000000	0.123230	1.081000e-3
71	1.000000	0.125823	1.080000e-3
72	1.000000	0.129547	1.080000e-3
73	0.500000	0.132538	1.080000e-3
74	0.500000	0.131531	1.080000e-3
75	0.500000	0.127868	1.079000e-3
76	1.000000	0.113402	1.079000e-3
77	1.000000	0.015959	1.330000e-4
78	1.000000	0.065216	8.630000e-4
79	1.000000	0.070190	9.030000e-4
80	1.000000	0.084196	9.450000e-4
81	1.000000	0.097869	9.870000e-4
82	1.000000	0.100372	1.028000e-3
83	1.000000	0.131867	1.081000e-3
84	0.500000	0.135866	1.080000e-3
85	0.500000	0.126404	1.080000e-3
86	0.500000	0.114870	1.079000e-3
87	1.000000	0.119871	1.079000e-3
88	1.000000	0.114503	1.079000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
89	02:16:44	39.990000	1.570000	0.040000	-2.030000	0.080000
90	02:22:30	39.991000	1.570000	0.040000	-2.360000	0.080000
91	02:28:17	39.990000	1.410000	0.060000	-2.190000	0.070000
92	02:34:04	39.989000	1.430000	0.070000	-2.010000	0.050000
93	02:39:50	39.990000	1.560000	0.040000	-2.100000	0.060000
94	02:45:38	39.990000	1.510000	0.030000	-2.290000	0.020000
95	02:51:24	39.990000	1.560000	0.030000	-2.350000	0.020000
96	02:57:11	39.990000	1.530000	0.040000	-2.440000	0.080000
97	03:02:57	39.990000	1.580000	0.070000	-2.340000	0.080000
98	03:08:44	39.990000	1.480000	0.070000	-2.190000	0.050000
99						
100	03:21:02	31.992000	0.900000	0.030000	-2.270000	0.030000
101	03:26:49	33.457000	1.200000	0.060000	-2.190000	0.050000
102	03:32:37	34.986000	1.300000	0.050000	-2.250000	0.030000
103	03:38:25	36.527000	1.160000	0.030000	-2.290000	0.040000
104						
105	03:45:01	39.990000	1.430000	0.050000	-2.330000	0.040000
106	03:50:48	39.990000	1.620000	0.060000	-2.390000	0.040000
107	03:56:35	39.990000	1.530000	0.010000	-2.210000	0.040000
108	04:02:22	39.990000	1.490000	0.050000	-2.220000	0.050000
109	04:08:09	39.990000	1.560000	0.060000	-2.260000	0.040000
110	04:13:55	39.990000	1.540000	0.050000	-2.530000	0.050000
111	04:19:42	39.990000	1.310000	0.030000	-2.430000	0.020000
112	04:25:28	39.990000	1.490000	0.020000	-2.570000	0.040000
113	04:31:15	39.990000	1.380000	0.030000	-2.230000	0.020000
114	04:37:01	39.990000	1.560000	0.070000	-2.250000	0.080000
115	04:42:48	39.990000	1.730000	0.050000	-2.310000	0.040000
116	04:48:34	39.990000	1.600000	0.090000	-2.300000	0.110000
117	04:54:21	39.990000	1.640000	0.070000	-2.260000	0.050000
118	05:00:07	39.991000	1.450000	0.030000	-2.280000	0.050000
119	05:05:53	39.991000	1.480000	0.060000	-2.400000	0.030000
120	05:11:40	39.990000	1.390000	0.050000	-2.300000	0.040000
121						
122	05:23:56	31.992000	0.800000	0.090000	-2.290000	0.030000
123	05:29:44	33.458000	1.120000	0.050000	-2.130000	0.070000
124	05:35:32	34.986000	1.130000	0.050000	-1.990000	0.040000
125	05:41:20	36.528000	1.210000	0.040000	-2.120000	0.030000
126						
127	05:47:55	39.990000	1.480000	0.120000	-2.270000	0.070000
128	05:53:41	39.991000	1.440000	0.020000	-2.190000	0.050000
129	05:59:28	39.990000	1.390000	0.070000	-2.290000	0.060000
130	06:05:15	39.990000	1.430000	0.020000	-2.150000	0.050000
131	06:11:02	39.990000	1.520000	0.050000	-2.300000	0.060000
132	06:16:49	39.990000	1.530000	0.040000	-2.330000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
89	23.862335	22.725130	22.617034	24.807829	22.788728	0.500000
90	23.870177	22.806488	22.696748	24.804230	22.803375	0.500000
91	23.827147	22.892273	22.775664	24.807555	22.827943	0.500000
92	23.942780	22.952942	22.832763	24.808135	22.857452	0.500000
93	23.851380	22.986450	22.856383	24.808318	22.887054	0.500000
94	23.850433	22.976806	22.850068	24.806793	22.895140	0.500000
95	23.961517	22.948394	22.826507	24.813171	22.899260	0.500000
96	23.908233	22.917907	22.791627	24.806793	22.899260	0.500000
97	23.888001	22.893035	22.770875	24.807251	22.897949	0.500000
98	23.925781	22.892060	22.773406	24.806610	22.899079	0.500000
99	23.818511	22.815215	22.782074	24.806914	22.881896	0.500000
100	23.800292	22.884888	22.797485	24.805024	22.896301	0.500000
101	23.823363	22.907776	22.819031	24.804930	22.904479	0.500000
102	23.854918	22.930177	22.829011	24.807555	22.913056	0.500000
103	23.757109	22.934602	22.825500	24.799590	22.923004	0.500000
104	23.882966	22.933991	22.821624	24.798035	22.923036	0.500000
105	23.947417	22.915712	22.787139	24.801698	22.919250	0.500000
106	23.848419	22.873016	22.752564	24.801545	22.912202	0.500000
107	23.898041	22.871918	22.750335	24.802614	22.903258	0.500000
108	23.885834	22.918944	22.812957	24.806152	22.915802	0.500000
109	23.916869	22.982057	22.863343	24.805970	22.932097	0.500000
110	23.949341	23.003907	22.879577	24.811433	22.946655	0.500000
111	23.790161	22.979767	22.846590	24.804472	22.955291	0.500000
112	23.828125	22.938538	22.811249	24.808441	22.943909	0.500000
113	23.981201	22.911162	22.796356	24.809266	22.936097	0.500000
114	24.008758	22.903016	22.778688	24.813171	22.933471	0.500000
115	23.817138	22.906280	22.783813	24.808745	22.929016	0.500000
116	23.880553	22.914397	22.794679	24.811891	22.928557	0.500000
117	23.940277	22.932098	22.809876	24.813691	22.934632	0.500000
118	23.744964	22.945251	22.822418	24.806335	22.940186	0.500000
119	23.847260	22.961363	22.837891	24.812958	22.944274	0.500000
120	23.883850	22.962250	22.834076	24.809661	22.948944	0.500000
121	23.987915	22.830749	22.799194	24.813017	22.920959	0.500000
122	23.866972	22.835235	22.746308	24.816070	22.912049	0.500000
123	23.747437	22.819214	22.723298	24.809998	22.900117	0.500000
124	23.834807	22.841309	22.751251	24.813904	22.894713	0.500000
125	23.861999	22.920929	22.817994	24.809844	22.915222	0.500000
126	23.930754	22.927641	22.825927	24.811981	22.913696	0.500000
127	23.896393	22.995543	22.870147	24.810701	22.935760	0.500000
128	23.831298	22.999421	22.870361	24.810700	22.947571	0.500000
129	23.878600	22.966828	22.832428	24.810975	22.948761	0.500000
130	23.867828	22.920929	22.789643	24.808440	22.939147	0.500000
131	23.838715	22.891298	22.768982	24.811248	22.931030	0.500000
132	23.910491	22.878174	22.763581	24.812254	22.919890	0.500000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
89	1.000000	0.108096	1.080000e-3
90	1.000000	0.109740	1.080000e-3
91	1.000000	0.116609	1.080000e-3
92	1.000000	0.120179	1.080000e-3
93	1.000000	0.130067	1.081000e-3
94	0.500000	0.126738	1.080000e-3
95	0.500000	0.121887	1.080000e-3
96	0.500000	0.126280	1.080000e-3
97	0.500000	0.122160	1.080000e-3
98	0.500000	0.118654	1.080000e-3
99	0.500000	0.033141	1.330000e-4
100	0.500000	0.087403	8.640000e-4
101	0.500000	0.088745	9.040000e-4
102	0.500000	0.101166	9.450000e-4
103	0.500000	0.109102	9.870000e-4
104	0.500000	0.112367	1.028000e-3
105	0.500000	0.128573	1.080000e-3
106	0.500000	0.120452	1.080000e-3
107	0.500000	0.121583	1.080000e-3
108	0.500000	0.105987	1.081000e-3
109	0.500000	0.118714	1.081000e-3
110	0.500000	0.124330	1.081000e-3
111	0.500000	0.133177	1.080000e-3
112	0.500000	0.127289	1.080000e-3
113	0.500000	0.114806	1.080000e-3
114	0.500000	0.124328	1.080000e-3
115	0.500000	0.122467	1.080000e-3
116	0.500000	0.119718	1.080000e-3
117	0.500000	0.122222	1.080000e-3
118	0.500000	0.122833	1.080000e-3
119	0.500000	0.123472	1.080000e-3
120	0.500000	0.128174	1.080000e-3
121	0.500000	0.031555	1.330000e-4
122	0.500000	0.088927	8.640000e-4
123	0.500000	0.095916	9.030000e-4
124	0.500000	0.090058	9.450000e-4
125	0.500000	0.102935	9.870000e-4
126	0.500000	0.101714	1.028000e-3
127	0.500000	0.125396	1.080000e-3
128	0.500000	0.129060	1.081000e-3
129	0.500000	0.134400	1.080000e-3
130	0.500000	0.131286	1.080000e-3
131	0.500000	0.122316	1.080000e-3
132	0.500000	0.114593	1.080000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
133	06:22:36	39.991000	1.560000	0.060000	-2.360000	0.040000
134	06:28:22	39.991000	1.610000	0.030000	-2.300000	0.020000
135	06:34:09	39.991000	1.570000	0.120000	-2.170000	0.080000
136	06:39:55	39.990000	1.430000	0.020000	-2.250000	0.040000
137	06:45:42	39.990000	1.600000	0.020000	-2.350000	0.040000
138	06:51:28	39.990000	1.630000	0.050000	-2.200000	0.070000
139	06:57:15	39.990000	1.740000	0.040000	-2.260000	0.070000
140	07:03:03	39.990000	1.520000	0.020000	-2.450000	0.020000
141	07:08:49	39.991000	1.450000	0.030000	-2.400000	0.090000
142	07:14:36	39.990000	1.440000	0.060000	-2.500000	0.050000
143						
144	07:26:54	31.992000	0.940000	0.060000	-2.470000	0.070000
145	07:32:42	33.457000	1.040000	0.070000	-2.350000	0.030000
146	07:38:30	34.986000	1.200000	0.050000	-2.330000	0.050000
147	07:44:18	36.529000	1.390000	0.030000	-2.430000	0.030000
148						
149	07:50:54	39.990000	1.680000	0.030000	-2.780000	0.050000
150	07:56:41	39.990000	1.520000	0.060000	-2.610000	0.070000
151	08:02:28	39.990000	1.360000	0.030000	-2.850000	0.040000
152	08:08:15	39.991000	1.470000	0.030000	-2.720000	0.100000
153	08:14:02	39.991000	1.500000	0.030000	-2.850000	0.070000
154	08:19:49	39.990000	1.420000	0.090000	-2.890000	0.090000
155	08:25:36	39.990000	1.410000	0.050000	-2.710000	0.050000
156	08:31:22	39.990000	1.460000	0.040000	-2.740000	0.080000
157	08:37:09	39.990000	1.500000	0.090000	-2.820000	0.070000
158	08:42:56	39.991000	1.630000	0.050000	-2.830000	0.040000
159	08:48:43	39.990000	1.700000	0.040000	-2.950000	0.050000
160	08:54:30	39.991000	1.590000	0.020000	-2.860000	0.060000
161	09:00:18	39.990000	1.440000	0.020000	-3.050000	0.040000
162	09:06:05	39.990000	1.460000	0.010000	-2.960000	0.020000
163	09:11:51	39.990000	1.400000	0.070000	-2.980000	0.060000
164	09:17:37	39.990000	1.380000	0.050000	-3.090000	0.060000
165						
166	09:29:56	31.992000	1.000000	0.050000	-2.880000	0.040000
167	09:35:44	33.458000	1.070000	0.050000	-3.010000	0.030000
168	09:41:31	34.986000	0.990000	0.010000	-2.980000	0.010000
169	09:47:20	36.528000	1.090000	0.070000	-3.060000	0.060000
170						
171	09:53:56	39.990000	1.510000	0.040000	-2.990000	0.050000
172	09:59:43	39.991000	1.630000	0.040000	-3.080000	0.030000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
133	23.970580	22.864899	22.750245	24.822388	22.911957	0.500000
134	23.855926	22.861298	22.741273	24.815948	22.907105	0.500000
135	23.964416	22.858735	22.740875	24.815033	22.899260	0.500000
136	23.832275	22.864807	22.745300	24.820525	22.897981	0.500000
137	23.923370	22.876892	22.752380	24.817657	22.895082	0.500000
138	23.895173	22.872803	22.754974	24.819977	22.894929	0.500000
139	23.870575	22.879425	22.768524	24.814667	22.893708	0.500000
140	23.910460	22.909576	22.791534	24.816558	22.901001	0.500000
141	23.938508	22.937227	22.816194	24.819793	22.914061	0.500000
142	23.835723	22.955353	22.832274	24.814972	22.921142	0.500000
143	23.855376	22.878266	22.854982	24.810669	22.913545	0.500000
144	23.807921	22.976348	22.893587	24.813142	22.942595	0.500000
145	23.901183	23.012511	22.911772	24.811248	22.958558	0.500000
146	23.866608	23.043366	22.945221	24.811463	22.976531	0.500000
147	23.885283	23.127503	23.024201	24.812865	23.012817	0.500000
148	23.844299	23.140412	23.033874	24.811339	23.020082	0.500000
149	23.869109	23.208404	23.083679	24.811676	23.060213	0.500000
150	23.905334	23.231110	23.104369	24.811738	23.089967	0.500000
151	24.035887	23.216005	23.088806	24.816621	23.106811	0.000000
152	23.883118	23.194824	23.067841	24.815704	23.119385	0.000000
153	24.066619	23.189118	23.065217	24.815553	23.129363	0.000000
154	23.958191	23.184599	23.058014	24.820892	23.139405	0.000000
155	23.948669	23.178926	23.051973	24.820373	23.144652	0.000000
156	24.027495	23.196137	23.063844	24.828827	23.152009	0.000000
157	23.920714	23.186430	23.059082	24.831390	23.160369	0.000000
158	23.895995	23.191071	23.064942	24.829864	23.165497	0.000000
159	23.939025	23.200470	23.076844	24.832367	23.172060	0.000000
160	23.943481	23.230865	23.107849	24.829529	23.189118	0.000000
161	23.901183	23.267121	23.145415	24.834075	23.206146	0.000000
162	23.970856	23.312593	23.190002	24.838805	23.228517	0.000000
163	23.941192	23.344390	23.220763	24.840972	23.250946	0.000000
164	23.950958	23.365937	23.240419	24.843934	23.273987	0.000000
165	24.024138	23.270081	23.234252	24.841399	23.268190	0.000000
166	23.990416	23.344574	23.259520	24.843811	23.294556	0.000000
167	23.897063	23.390045	23.299714	24.841582	23.319792	0.000000
168	24.014954	23.460114	23.359160	24.850952	23.352203	0.000000
169	24.092590	23.486175	23.367157	24.854553	23.377349	0.000000
170	24.059205	23.482118	23.361450	24.856872	23.379607	0.000000
171	24.113984	23.411164	23.273010	24.867401	23.376159	0.000000
172	23.999419	23.283449	23.141938	24.872621	23.343963	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
133	0.500000	0.114654	1.080000e-3
134	0.500000	0.120025	1.080000e-3
135	0.500000	0.117860	1.080000e-3
136	0.500000	0.119507	1.080000e-3
137	0.500000	0.124512	1.080000e-3
138	0.500000	0.117829	1.080000e-3
139	0.500000	0.110901	1.080000e-3
140	0.500000	0.118042	1.080000e-3
141	0.500000	0.121033	1.080000e-3
142	0.500000	0.123079	1.081000e-3
143	0.500000	0.023284	1.340000e-4
144	0.500000	0.082761	8.640000e-4
145	0.500000	0.100739	9.040000e-4
146	0.500000	0.098145	9.460000e-4
147	0.500000	0.103302	9.870000e-4
148	0.500000	0.106538	1.029000e-3
149	0.500000	0.124725	1.081000e-3
150	0.500000	0.126741	1.081000e-3
151	0.500000	0.127199	1.081000e-3
152	0.500000	0.126983	1.081000e-3
153	0.500000	0.123901	1.081000e-3
154	0.500000	0.126585	1.081000e-3
155	0.500000	0.126953	1.081000e-3
156	0.500000	0.132293	1.081000e-3
157	0.500000	0.127348	1.081000e-3
158	0.500000	0.126129	1.081000e-3
159	0.500000	0.123626	1.081000e-3
160	0.500000	0.123016	1.081000e-3
161	0.500000	0.121706	1.081000e-3
162	0.000000	0.122591	1.081000e-3
163	0.000000	0.123627	1.082000e-3
164	0.000000	0.125518	1.082000e-3
165	0.000000	0.035829	1.330000e-4
166	0.000000	0.085054	8.650000e-4
167	0.000000	0.090331	9.050000e-4
168	0.000000	0.100954	9.470000e-4
169	0.000000	0.119018	9.880000e-4
170	0.000000	0.120668	1.030000e-3
171	0.000000	0.138154	1.082000e-3
172	0.000000	0.141511	1.081000e-3