	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
1	17:13:41	150.302000	1.210000	0.050000	-5.670000	0.060000
2	17:19:29	150.301000	1.210000	0.040000	-5.650000	0.070000
3	17:25:18	150.302000	1.250000	0.070000	-5.540000	0.070000
4	17:31:05	150.301000	1.240000	0.040000	-5.460000	0.090000
5	17:36:53	150.302000	1.290000	0.040000	-5.510000	0.030000
6	17:42:42	150.302000	1.330000	0.030000	-5.660000	0.040000
7	17:48:30	150.302000	1.280000	0.060000	-5.550000	0.100000
8	17:54:19	150.303000	1.320000	0.060000	-5.570000	0.060000
9	18:00:07	150.303000	1.380000	0.040000	-5.670000	0.090000
10	18:05:54	150.303000	1.360000	0.030000	-5.850000	0.050000
11						
12	18:12:51	120.277000	0.470000	0.020000	-4.400000	0.060000
13	18:18:42	126.251000	0.730000	0.090000	-4.750000	0.050000
14	18:24:33	132.324000	1.100000	0.100000	-4.930000	0.090000
15	18:30:24	138.281000	1.260000	0.040000	-5.140000	0.090000
16	18:36:16	144.306000	1.390000	0.040000	-5.430000	0.040000
17	18:42:07	150.304000	1.450000	0.040000	-5.910000	0.030000
18	18:47:54	150.303000	1.360000	0.030000	-5.850000	0.060000
19	18:53:41	150.303000	1.220000	0.030000	-5.800000	0.020000
20	18:59:29	150.304000	1.280000	0.070000	-5.830000	0.040000
21	19:05:16	150.304000	1.480000	0.060000	-5.880000	0.030000
22	19:11:03	150.303000	1.520000	0.080000	-5.830000	0.030000
23	19:16:50	150.304000	1.340000	0.070000	-5.950000	0.020000
24	19:22:37	150.304000	1.400000	0.030000	-5.980000	0.060000
25	19:28:24	150.304000	1.430000	0.010000	-6.000000	0.020000
26	19:34:11	150.304000	1.300000	0.030000	-5.840000	0.070000
27	19:39:58	150.304000	1.320000	0.060000	-5.970000	0.040000
28	19:45:46	150.304000	1.320000	0.050000	-5.660000	0.100000
29	19:51:33	150.304000	1.430000	0.040000	-5.850000	0.030000
30	19:57:20	150.304000	1.410000	0.020000	-5.850000	0.060000
31	20:03:07	150.304000	1.330000	0.050000	-5.940000	0.050000
32	20:08:54	150.305000	1.210000	0.020000	-5.780000	0.060000
33						
34	20:15:50	120.279000	0.500000	0.060000	-4.340000	0.050000
35	20:21:41	126.252000	0.930000	0.050000	-4.350000	0.040000
36	20:27:32	132.326000	1.160000	0.020000	-4.540000	0.040000
37	20:33:23	138.281000	1.330000	0.060000	-5.060000	0.030000
38	20:39:14	144.306000	1.230000	0.050000	-5.040000	0.060000
39	20:45:05	150.305000	1.410000	0.040000	-5.550000	0.040000
40	20:50:52	150.305000	1.370000	0.030000	-5.620000	0.040000
41	20:56:39	150.304000	1.360000	0.030000	-5.560000	0.060000
42	21:02:26	150.303000	1.390000	0.030000	-5.540000	0.050000
43	21:08:13	150.304000	1.480000	0.080000	-5.580000	0.110000
44	21:14:01	150.304000	1.560000	0.040000	-5.620000	0.070000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
1	23.680000	23.760000	23.080000	24.440000	23.440000	0.000000
2	23.700000	24.460000	23.120000	24.450000	23.610000	0.000000
3	23.740000	24.520000	23.150000	24.450000	23.680000	0.000000
4	23.800000	24.520000	23.150000	24.470000	23.710000	0.000000
5	23.780000	24.500000	23.130000	24.480000	23.750000	0.000000
6	23.840000	24.530000	23.170000	24.490000	23.780000	0.000000
7	23.830000	24.620000	23.270000	24.500000	23.830000	0.000000
8	23.910000	24.750000	23.390000	24.510000	23.900000	0.000000
9	23.900000	24.850000	23.490000	24.520000	23.980000	0.000000
10	23.880000	24.880000	23.520000	24.530000	24.040000	-0.500000
11	23.980000	24.780000	23.490000	24.540000	24.060000	-0.500000
12	23.910000	24.590000	23.480000	24.540000	24.040000	-0.500000
13	23.850000	24.280000	23.380000	24.540000	23.990000	-0.500000
14	23.920000	24.280000	23.300000	24.550000	23.970000	-0.500000
15	23.910000	24.310000	23.230000	24.560000	23.960000	-0.500000
16	23.940000	24.380000	23.220000	24.570000	23.960000	-0.500000
17	23.870000	24.490000	23.240000	24.580000	23.980000	-0.500000
18	24.010000	24.670000	23.330000	24.590000	24.020000	-0.500000
19	23.990000	24.780000	23.440000	24.600000	24.070000	-0.500000
20	24.050000	24.860000	23.520000	24.620000	24.120000	-0.500000
21	24.010000	24.880000	23.530000	24.630000	24.150000	-0.500000
22	24.100000	24.850000	23.490000	24.640000	24.170000	-0.500000
23	24.080000	24.780000	23.430000	24.660000	24.170000	-0.500000
24	24.100000	24.710000	23.350000	24.670000	24.160000	-0.500000
25	24.120000	24.630000	23.270000	24.680000	24.130000	-0.500000
26	24.040000	24.590000	23.240000	24.690000	24.110000	-0.500000
27	24.120000	24.630000	23.290000	24.700000	24.110000	-0.500000
28	24.130000	24.720000	23.380000	24.720000	24.130000	-0.500000
29	24.160000	24.820000	23.480000	24.730000	24.160000	-0.500000
30	24.150000	24.870000	23.520000	24.740000	24.190000	-0.500000
31	24.150000	24.840000	23.490000	24.760000	24.210000	-0.500000
32	24.140000	24.780000	23.420000	24.770000	24.200000	-0.500000
33	24.160000	24.590000	23.310000	24.780000	24.160000	-0.500000
34	24.110000	24.400000	23.290000	24.780000	24.120000	-0.500000
35	24.110000	24.080000	23.190000	24.780000	24.020000	-0.500000
36	24.100000	24.130000	23.160000	24.800000	23.980000	-0.500000
37	24.090000	24.250000	23.190000	24.800000	23.970000	0.000000
38	24.060000	24.420000	23.270000	24.810000	23.990000	0.000000
39	24.110000	24.590000	23.330000	24.820000	24.020000	0.000000
40	24.160000	24.710000	23.340000	24.830000	24.050000	0.000000
41	24.020000	24.630000	23.280000	24.830000	24.050000	-0.500000
42	24.170000	24.520000	23.160000	24.840000	24.020000	-0.500000
43	24.080000	24.450000	23.100000	24.840000	23.990000	0.000000
44	24.100000	24.420000	23.070000	24.850000	23.970000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
1	1.000000	0.680000	0.000000
2	0.500000	1.340000	0.000000
3	0.500000	1.370000	0.000000
4	0.000000	1.370000	0.000000
5	0.000000	1.370000	0.000000
6	0.000000	1.360000	0.000000
7	0.000000	1.350000	0.000000
8	0.000000	1.360000	0.000000
9	0.000000	1.360000	0.000000
10	0.000000	1.360000	0.000000
11	-0.500000	1.290000	0.000000
12	-0.500000	1.110000	0.000000
13	0.000000	0.900000	0.000000
14	0.000000	0.980000	0.000000
15	0.000000	1.080000	0.000000
16	0.000000	1.160000	0.000000
17	0.000000	1.250000	0.000000
18	0.000000	1.340000	0.000000
19	-0.500000	1.340000	0.000000
20	-0.500000	1.340000	0.000000
21	-0.500000	1.350000	0.000000
22	-0.500000	1.360000	0.000000
23	-0.500000	1.350000	0.000000
24	-0.500000	1.360000	0.000000
25	-0.500000	1.360000	0.000000
26	-0.500000	1.350000	0.000000
27	-0.500000	1.340000	0.000000
28	-0.500000	1.340000	0.000000
29	-0.500000	1.340000	0.000000
30	-0.500000	1.350000	0.000000
31	-0.500000	1.350000	0.000000
32	-0.500000	1.360000	0.000000
33	-0.500000	1.280000	0.000000
34	-0.500000	1.110000	0.000000
35	0.000000	0.890000	0.000000
36	0.000000	0.970000	0.000000
37	0.000000	1.060000	0.000000
38	0.000000	1.150000	0.000000
39	0.000000	1.260000	0.000000
40	0.000000	1.370000	0.000000
41	0.000000	1.350000	0.000000
42	0.000000	1.360000	0.000000
43	0.000000	1.350000	0.000000
44	0.000000	1.350000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
45	21:19:48	150.304000	1.480000	0.080000	-5.530000	0.050000
46	21:25:35	150.304000	1.440000	0.060000	-5.550000	0.040000
47	21:31:22	150.304000	1.450000	0.070000	-5.510000	0.050000
48	21:37:09	150.304000	1.460000	0.040000	-5.620000	0.070000
49	21:42:56	150.304000	1.410000	0.040000	-5.410000	0.030000
50	21:48:43	150.304000	1.480000	0.030000	-5.530000	0.030000
51	21:54:30	150.305000	1.530000	0.060000	-5.350000	0.040000
52	22:00:18	150.304000	1.480000	0.030000	-5.400000	0.080000
53	22:06:06	150.304000	1.450000	0.060000	-5.420000	0.030000
54	22:11:53	150.305000	1.460000	0.060000	-5.250000	0.050000
55						
56	22:18:50	120.280000	0.560000	0.040000	-3.820000	0.090000
57	22:24:41	126.252000	0.910000	0.050000	-4.010000	0.040000
58	22:30:32	132.326000	1.080000	0.060000	-4.060000	0.100000
59	22:36:23	138.281000	1.150000	0.060000	-4.440000	0.090000
60	22:42:14	144.308000	1.210000	0.070000	-4.630000	0.110000
61	22:48:05	150.304000	1.430000	0.050000	-5.160000	0.040000
62	22:53:52	150.304000	1.310000	0.030000	-5.000000	0.050000
63	22:59:39	150.305000	1.310000	0.030000	-4.980000	0.060000
64	23:05:27	150.304000	1.350000	0.060000	-5.170000	0.090000
65	23:11:14	150.304000	1.300000	0.050000	-4.910000	0.040000
66	23:17:01	150.304000	1.260000	0.040000	-4.950000	0.050000
67	23:22:49	150.304000	1.390000	0.020000	-5.190000	0.050000
68	23:28:37	150.305000	1.320000	0.040000	-5.340000	0.030000
69	23:34:24	150.304000	1.350000	0.040000	-5.250000	0.060000
70	23:40:12	150.305000	1.260000	0.030000	-5.310000	0.070000
71	23:45:59	150.305000	1.270000	0.070000	-5.120000	0.070000
72	23:51:47	150.304000	1.280000	0.120000	-5.060000	0.050000
73	23:57:34	150.304000	1.070000	0.070000	-5.050000	0.050000
74	00:03:22	150.305000	1.310000	0.050000	-5.050000	0.030000
75	00:09:10	150.304000	1.390000	0.090000	-5.300000	0.060000
76	00:14:57	150.305000	1.330000	0.050000	-5.350000	0.060000
77						
78	00:21:54	120.279000	0.410000	0.030000	-3.760000	0.030000
79	00:27:46	126.252000	0.640000	0.070000	-3.910000	0.060000
80	00:33:37	132.326000	0.930000	0.040000	-3.950000	0.070000
81	00:39:28	138.281000	1.110000	0.080000	-4.330000	0.070000
82	00:45:19	144.308000	1.430000	0.080000	-4.800000	0.040000
83	00:51:11	150.304000	1.410000	0.070000	-5.180000	0.120000
84	00:56:58	150.305000	1.430000	0.040000	-5.010000	0.060000
85	01:02:46	150.304000	1.360000	0.020000	-5.140000	0.060000
86	01:08:33	150.304000	1.270000	0.030000	-5.260000	0.040000
87	01:14:20	150.304000	1.230000	0.050000	-5.200000	0.080000
88	01:20:08	150.304000	1.300000	0.030000	-5.090000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
45	24.140000	24.450000	23.100000	24.860000	23.960000	0.000000
46	24.180000	24.510000	23.160000	24.860000	23.970000	0.000000
47	24.170000	24.560000	23.210000	24.870000	23.980000	0.000000
48	24.160000	24.580000	23.210000	24.880000	23.980000	0.000000
49	24.120000	24.500000	23.140000	24.890000	23.970000	0.000000
50	24.160000	24.390000	23.030000	24.890000	23.930000	0.000000
51	24.100000	24.310000	22.960000	24.890000	23.890000	0.000000
52	24.120000	24.270000	22.920000	24.900000	23.860000	0.000000
53	24.140000	24.280000	22.930000	24.900000	23.840000	0.000000
54	24.090000	24.300000	22.960000	24.900000	23.830000	0.000000
55	24.100000	24.260000	22.990000	24.900000	23.810000	0.000000
56	24.100000	24.100000	22.990000	24.900000	23.790000	0.000000
57	24.130000	23.890000	23.010000	24.900000	23.720000	0.000000
58	24.120000	24.000000	23.030000	24.900000	23.720000	0.000000
59	24.070000	24.120000	23.060000	24.900000	23.730000	0.000000
60	24.110000	24.210000	23.050000	24.900000	23.740000	0.000000
61	24.140000	24.240000	22.960000	24.900000	23.740000	0.000000
62	24.100000	24.250000	22.880000	24.910000	23.730000	0.000000
63	24.090000	24.220000	22.860000	24.900000	23.720000	0.000000
64	24.000000	24.220000	22.880000	24.900000	23.710000	0.000000
65	24.000000	24.280000	22.940000	24.910000	23.720000	0.000000
66	24.080000	24.370000	23.020000	24.910000	23.750000	0.000000
67	24.060000	24.430000	23.070000	24.910000	23.780000	0.000000
68	24.090000	24.460000	23.110000	24.920000	23.790000	0.000000
69	24.160000	24.460000	23.110000	24.920000	23.810000	0.000000
70	24.140000	24.430000	23.070000	24.920000	23.820000	0.000000
71	24.060000	24.390000	23.040000	24.920000	23.810000	0.000000
72	24.040000	24.360000	23.010000	24.920000	23.810000	0.000000
73	24.070000	24.350000	23.000000	24.930000	23.810000	0.000000
74	24.050000	24.350000	23.000000	24.920000	23.800000	0.000000
75	24.100000	24.360000	23.000000	24.930000	23.800000	0.000000
76	24.070000	24.370000	23.020000	24.930000	23.810000	0.000000
77	24.130000	24.310000	23.040000	24.930000	23.800000	0.000000
78	24.110000	24.150000	23.040000	24.930000	23.770000	0.000000
79	24.120000	23.930000	23.040000	24.940000	23.720000	0.000000
80	24.020000	24.020000	23.050000	24.940000	23.710000	0.000000
81	24.130000	24.130000	23.080000	24.930000	23.730000	0.000000
82	24.050000	24.250000	23.090000	24.940000	23.750000	0.000000
83	24.090000	24.340000	23.070000	24.940000	23.770000	0.000000
84	24.160000	24.410000	23.060000	24.940000	23.790000	0.000000
85	24.090000	24.420000	23.060000	24.940000	23.800000	0.000000
86	24.080000	24.430000	23.080000	24.940000	23.810000	0.000000
87	24.090000	24.450000	23.100000	24.940000	23.830000	0.000000
88	24.100000	24.460000	23.110000	24.940000	23.850000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
45	0.000000	1.350000	0.000000
46	0.000000	1.350000	0.000000
47	0.000000	1.350000	0.000000
48	0.000000	1.370000	0.000000
49	0.000000	1.360000	0.000000
50	0.000000	1.360000	0.000000
51	0.000000	1.350000	0.000000
52	0.000000	1.350000	0.000000
53	0.000000	1.350000	0.000000
54	0.000000	1.340000	0.000000
55	0.000000	1.270000	0.000000
56	0.000000	1.110000	0.000000
57	0.500000	0.880000	0.000000
58	0.500000	0.970000	0.000000
59	0.500000	1.060000	0.000000
60	0.500000	1.160000	0.000000
61	0.500000	1.280000	0.000000
62	0.500000	1.370000	0.000000
63	0.500000	1.360000	0.000000
64	0.500000	1.340000	0.000000
65	0.500000	1.340000	0.000000
66	0.500000	1.350000	0.000000
67	0.500000	1.360000	0.000000
68	0.000000	1.350000	0.000000
69	0.000000	1.350000	0.000000
70	0.000000	1.360000	0.000000
71	0.000000	1.350000	0.000000
72	0.000000	1.350000	0.000000
73	0.000000	1.350000	0.000000
74	0.000000	1.350000	0.000000
75	0.000000	1.360000	0.000000
76	0.000000	1.350000	0.000000
77	0.000000	1.270000	0.000000
78	0.000000	1.110000	0.000000
79	0.500000	0.890000	0.000000
80	0.500000	0.970000	0.000000
81	0.500000	1.050000	0.000000
82	0.500000	1.160000	0.000000
83	0.500000	1.270000	0.000000
84	0.000000	1.350000	0.000000
85	0.000000	1.360000	0.000000
86	0.000000	1.350000	0.000000
87	0.000000	1.350000	0.000000
88	0.000000	1.350000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
89	01:25:56	150.305000	1.380000	0.050000	-5.110000	0.070000
90	01:31:44	150.305000	1.460000	0.050000	-5.280000	0.040000
91	01:37:33	150.305000	1.600000	0.040000	-5.280000	0.060000
92	01:43:21	150.305000	1.510000	0.060000	-5.580000	0.040000
93	01:49:10	150.304000	1.340000	0.060000	-5.200000	0.090000
94	01:54:58	150.305000	1.240000	0.060000	-5.410000	0.070000
95	02:00:46	150.304000	1.410000	0.020000	-5.370000	0.030000
96	02:06:33	150.305000	1.320000	0.030000	-5.340000	0.020000
97	02:12:21	150.305000	1.440000	0.040000	-5.290000	0.080000
98	02:18:08	150.305000	1.490000	0.040000	-5.170000	0.080000
99						
100	02:25:06	120.279000	0.440000	0.040000	-3.780000	0.070000
101	02:30:57	126.253000	0.780000	0.050000	-3.850000	0.130000
102	02:36:48	132.326000	1.090000	0.020000	-3.810000	0.020000
103	02:42:40	138.281000	1.280000	0.030000	-3.970000	0.060000
104	02:48:32	144.308000	1.460000	0.080000	-4.410000	0.090000
105	02:54:24	150.305000	1.430000	0.020000	-4.520000	0.050000
106	03:00:11	150.305000	1.470000	0.060000	-4.560000	0.040000
107	03:05:59	150.305000	1.320000	0.040000	-4.770000	0.120000
108	03:11:46	150.304000	1.170000	0.060000	-4.840000	0.040000
109	03:17:34	150.304000	1.220000	0.020000	-4.800000	0.040000
110	03:23:22	150.305000	1.380000	0.040000	-4.900000	0.060000
111	03:29:10	150.305000	1.450000	0.070000	-5.000000	0.050000
112	03:34:58	150.305000	1.470000	0.040000	-4.920000	0.020000
113	03:40:46	150.305000	1.510000	0.080000	-4.890000	0.040000
114	03:46:34	150.305000	1.460000	0.020000	-4.820000	0.030000
115	03:52:22	150.305000	1.330000	0.040000	-4.760000	0.050000
116	03:58:10	150.305000	1.410000	0.040000	-4.810000	0.030000
117	04:03:58	150.305000	1.290000	0.100000	-4.670000	0.050000
118	04:09:46	150.305000	1.430000	0.040000	-4.740000	0.060000
119	04:15:34	150.305000	1.370000	0.030000	-4.840000	0.020000
120	04:21:23	150.305000	1.380000	0.020000	-4.770000	0.060000
121						
122	04:28:21	120.280000	0.320000	0.040000	-3.410000	0.080000
123	04:34:12	126.253000	0.770000	0.030000	-3.410000	0.020000
124	04:40:03	132.326000	0.970000	0.020000	-3.470000	0.050000
125	04:45:55	138.281000	1.200000	0.040000	-3.840000	0.030000
126	04:51:48	144.308000	1.400000	0.040000	-4.140000	0.070000
127	04:57:40	150.304000	1.510000	0.080000	-4.610000	0.060000
128	05:03:29	150.306000	1.340000	0.030000	-4.620000	0.020000
129	05:09:17	150.305000	1.370000	0.030000	-4.700000	0.030000
130	05:15:05	150.305000	1.380000	0.020000	-4.610000	0.050000
131	05:20:54	150.306000	1.370000	0.020000	-4.870000	0.060000
132	05:26:42	150.305000	1.320000	0.020000	-4.610000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
89	24.020000	24.470000	23.120000	24.940000	23.850000	0.000000
90	24.060000	24.450000	23.100000	24.940000	23.860000	0.000000
91	24.170000	24.420000	23.060000	24.940000	23.850000	0.000000
92	24.000000	24.390000	23.040000	24.940000	23.850000	0.000000
93	24.160000	24.390000	23.030000	24.940000	23.840000	0.000000
94	24.160000	24.390000	23.040000	24.940000	23.850000	0.000000
95	24.080000	24.410000	23.070000	24.940000	23.850000	0.000000
96	24.090000	24.440000	23.090000	24.950000	23.860000	0.000000
97	24.010000	24.470000	23.110000	24.950000	23.870000	0.000000
98	24.090000	24.480000	23.130000	24.950000	23.880000	0.000000
99	24.150000	24.350000	23.060000	24.950000	23.860000	0.000000
100	24.070000	24.160000	23.030000	24.950000	23.830000	0.000000
101	24.180000	23.780000	22.870000	24.960000	23.720000	0.000000
102	24.050000	23.700000	22.700000	24.960000	23.650000	0.000000
103	24.070000	23.700000	22.640000	24.960000	23.580000	0.000000
104	24.090000	23.800000	22.630000	24.960000	23.550000	0.000000
105	24.100000	23.960000	22.690000	24.960000	23.560000	0.000000
106	24.120000	24.160000	22.820000	24.960000	23.590000	0.000000
107	24.060000	24.300000	22.960000	24.960000	23.630000	0.000000
108	24.110000	24.420000	23.080000	24.960000	23.680000	0.000000
109	24.050000	24.480000	23.120000	24.960000	23.720000	0.000000
110	24.150000	24.420000	23.050000	24.970000	23.740000	0.000000
111	24.160000	24.300000	22.930000	24.970000	23.730000	0.000000
112	24.040000	24.200000	22.840000	24.970000	23.690000	0.000000
113	24.100000	24.130000	22.780000	24.970000	23.670000	0.000000
114	24.040000	24.120000	22.760000	24.970000	23.650000	0.000000
115	24.060000	24.130000	22.770000	24.970000	23.640000	0.000000
116	24.140000	24.190000	22.850000	24.970000	23.640000	0.000000
117	24.120000	24.280000	22.920000	24.980000	23.660000	0.000000
118	24.140000	24.350000	23.000000	24.980000	23.690000	0.000000
119	24.120000	24.400000	23.040000	24.980000	23.720000	0.000000
120	24.220000	24.410000	23.040000	24.980000	23.740000	0.000000
121	24.170000	24.260000	22.970000	24.980000	23.720000	0.000000
122	24.250000	24.080000	22.940000	24.990000	23.690000	0.000000
123	23.970000	23.700000	22.800000	24.980000	23.590000	0.000000
124	24.010000	23.650000	22.660000	24.990000	23.530000	0.000000
125	23.980000	23.690000	22.620000	24.980000	23.500000	0.000000
126	24.120000	23.810000	22.650000	24.980000	23.490000	0.000000
127	24.060000	24.000000	22.740000	24.980000	23.510000	0.000000
128	24.200000	24.230000	22.880000	24.980000	23.560000	0.000000
129	24.120000	24.360000	23.010000	24.980000	23.620000	0.000000
130	24.130000	24.470000	23.100000	24.990000	23.670000	0.000000
131	24.230000	24.450000	23.080000	24.990000	23.710000	0.000000
132	24.120000	24.340000	22.960000	24.980000	23.700000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
89	0.000000	1.350000	0.000000
90	0.000000	1.350000	0.000000
91	0.000000	1.360000	0.000000
92	0.000000	1.350000	0.000000
93	0.000000	1.360000	0.000000
94	0.000000	1.350000	0.000000
95	0.000000	1.340000	0.000000
96	0.000000	1.350000	0.000000
97	0.000000	1.360000	0.000000
98	0.000000	1.350000	0.000000
99	0.000000	1.290000	0.000000
100	0.000000	1.130000	0.000000
101	0.000000	0.910000	0.000000
102	0.500000	1.000000	0.000000
103	0.500000	1.060000	0.000000
104	0.500000	1.170000	0.000000
105	0.500000	1.270000	0.000000
106	0.500000	1.340000	0.000000
107	0.500000	1.340000	0.000000
108	0.500000	1.340000	0.000000
109	0.500000	1.360000	0.000000
110	0.500000	1.370000	0.000000
111	0.500000	1.370000	0.000000
112	0.500000	1.360000	0.000000
113	0.500000	1.350000	0.000000
114	0.500000	1.360000	0.000000
115	0.500000	1.360000	0.000000
116	0.500000	1.340000	0.000000
117	0.500000	1.360000	0.000000
118	0.500000	1.350000	0.000000
119	0.500000	1.360000	0.000000
120	0.500000	1.370000	0.000000
121	0.500000	1.290000	0.000000
122	0.500000	1.140000	0.000000
123	0.500000	0.900000	0.000000
124	0.500000	0.990000	0.000000
125	0.500000	1.070000	0.000000
126	0.500000	1.160000	0.000000
127	0.500000	1.260000	0.000000
128	0.500000	1.350000	0.000000
129	0.500000	1.350000	0.000000
130	0.500000	1.370000	0.000000
131	0.500000	1.370000	0.000000
132	0.500000	1.380000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
133	05:32:30	150.305000	1.390000	0.050000	-4.690000	0.030000
134	05:38:19	150.305000	1.290000	0.090000	-4.690000	0.060000
135	05:44:07	150.305000	1.530000	0.030000	-4.510000	0.060000
136	05:49:56	150.305000	1.620000	0.050000	-4.430000	0.020000
137	05:55:45	150.304000	1.630000	0.040000	-4.450000	0.050000
138	06:01:33	150.305000	1.500000	0.020000	-4.590000	0.010000
139	06:07:22	150.304000	1.480000	0.020000	-4.530000	0.050000
140	06:13:10	150.305000	1.470000	0.080000	-4.730000	0.040000
141	06:18:58	150.305000	1.360000	0.040000	-4.610000	0.040000
142	06:24:46	150.305000	1.420000	0.040000	-4.720000	0.030000
143						
144	06:31:45	120.280000	0.580000	0.040000	-3.170000	0.060000
145	06:37:37	126.253000	1.080000	0.030000	-3.280000	0.030000
146	06:43:29	132.326000	1.070000	0.030000	-3.550000	0.050000
147	06:49:21	138.282000	1.290000	0.040000	-3.630000	0.090000
148	06:55:14	144.310000	1.480000	0.040000	-3.900000	0.050000
149	07:01:07	150.305000	1.480000	0.070000	-4.280000	0.040000
150	07:06:55	150.305000	1.560000	0.030000	-4.320000	0.080000
151	07:12:44	150.305000	1.590000	0.010000	-4.500000	0.010000
152	07:18:32	150.306000	1.450000	0.070000	-4.630000	0.070000
153	07:24:21	150.305000	1.390000	0.030000	-4.910000	0.020000
154	07:30:09	150.305000	1.330000	0.070000	-4.730000	0.090000
155	07:35:57	150.305000	1.390000	0.050000	-4.660000	0.060000
156	07:41:46	150.305000	1.480000	0.050000	-4.620000	0.080000
157	07:47:35	150.306000	1.450000	0.070000	-4.510000	0.050000
158	07:53:23	150.305000	1.530000	0.040000	-4.520000	0.030000
159	07:59:12	150.306000	1.530000	0.030000	-4.410000	0.050000
160	08:05:01	150.305000	1.450000	0.030000	-4.530000	0.040000
161	08:10:50	150.305000	1.550000	0.020000	-4.620000	0.010000
162	08:16:39	150.306000	1.510000	0.070000	-4.590000	0.070000
163	08:22:28	150.305000	1.420000	0.050000	-4.480000	0.040000
164	08:28:16	150.305000	1.450000	0.040000	-4.600000	0.090000
165						
166	08:35:15	120.280000	0.520000	0.050000	-3.280000	0.030000
167	08:41:08	126.254000	0.920000	0.090000	-3.360000	0.040000
168	08:47:01	132.328000	1.180000	0.030000	-3.620000	0.070000
169	08:52:54	138.282000	1.260000	0.030000	-3.960000	0.070000
170	08:58:46	144.309000	1.440000	0.050000	-4.270000	0.020000
171	09:04:39	150.305000	1.560000	0.030000	-4.730000	0.050000
172	09:10:29	150.306000	1.540000	0.040000	-4.870000	0.070000
173	09:16:18	150.307000	1.630000	0.040000	-4.810000	0.030000
174	09:22:07	150.305000	1.670000	0.060000	-4.770000	0.080000
175	09:27:57	150.305000	1.570000	0.030000	-4.740000	0.060000
176	09:33:46	150.306000	1.480000	0.060000	-4.710000	0.110000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
133	24.130000	24.200000	22.830000	24.980000	23.680000	0.000000
134	24.040000	24.120000	22.740000	24.990000	23.640000	0.000000
135	24.020000	24.080000	22.720000	24.990000	23.620000	0.000000
136	24.080000	24.080000	22.720000	24.990000	23.600000	0.000000
137	23.970000	24.120000	22.770000	24.990000	23.600000	0.000000
138	24.240000	24.210000	22.860000	24.990000	23.620000	0.000000
139	24.140000	24.300000	22.940000	25.000000	23.650000	0.000000
140	24.110000	24.360000	23.000000	24.990000	23.680000	0.000000
141	24.020000	24.380000	23.020000	24.990000	23.700000	0.000000
142	24.190000	24.350000	22.990000	24.990000	23.710000	0.000000
143	24.100000	24.180000	22.870000	25.000000	23.680000	0.000000
144	24.080000	23.990000	22.850000	24.990000	23.650000	0.000000
145	24.030000	23.570000	22.660000	24.990000	23.530000	0.000000
146	24.040000	23.500000	22.520000	24.980000	23.460000	0.000000
147	24.140000	23.540000	22.470000	24.980000	23.410000	0.000000
148	24.080000	23.670000	22.490000	24.970000	23.390000	0.000000
149	24.050000	23.840000	22.570000	24.970000	23.400000	0.000000
150	23.990000	24.050000	22.710000	24.960000	23.450000	0.000000
151	24.050000	24.190000	22.850000	24.960000	23.490000	0.000000
152	24.020000	24.320000	22.970000	24.960000	23.540000	0.000000
153	24.000000	24.380000	23.010000	24.960000	23.590000	0.000000
154	24.070000	24.320000	22.930000	24.970000	23.620000	0.000000
155	24.070000	24.170000	22.790000	24.970000	23.590000	0.000000
156	24.060000	24.060000	22.690000	24.970000	23.570000	0.000000
157	23.960000	24.000000	22.640000	24.970000	23.540000	0.000000
158	24.020000	24.000000	22.630000	24.970000	23.520000	0.000000
159	24.080000	24.010000	22.640000	24.970000	23.500000	0.000000
160	23.880000	24.080000	22.720000	24.970000	23.510000	0.000000
161	24.110000	24.180000	22.810000	24.980000	23.550000	0.000000
162	24.160000	24.250000	22.880000	24.980000	23.580000	0.000000
163	24.080000	24.290000	22.930000	24.970000	23.610000	0.000000
164	24.070000	24.320000	22.950000	24.970000	23.630000	0.000000
165	24.050000	24.220000	22.940000	24.970000	23.630000	0.000000
166	24.170000	24.050000	22.940000	24.970000	23.600000	0.000000
167	24.060000	23.800000	22.890000	24.970000	23.540000	0.000000
168	24.120000	23.850000	22.880000	24.970000	23.540000	0.000000
169	24.000000	23.960000	22.890000	24.970000	23.550000	0.000000
170	23.960000	24.130000	22.970000	24.970000	23.590000	0.000000
171	24.080000	24.310000	23.030000	24.970000	23.650000	0.000000
172	24.130000	24.440000	23.070000	24.970000	23.700000	0.000000
173	24.010000	24.400000	23.040000	24.960000	23.710000	0.000000
174	24.010000	24.290000	22.930000	24.960000	23.700000	0.000000
175	24.020000	24.150000	22.770000	24.960000	23.670000	0.000000
176	24.080000	24.050000	22.680000	24.970000	23.630000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
133	0.500000	1.370000	0.000000
134	0.500000	1.380000	0.000000
135	0.500000	1.360000	0.000000
136	0.500000	1.360000	0.000000
137	0.500000	1.350000	0.000000
138	0.500000	1.350000	0.000000
139	0.500000	1.360000	0.000000
140	0.500000	1.360000	0.000000
141	0.500000	1.360000	0.000000
142	0.500000	1.360000	0.000000
143	0.500000	1.310000	0.000000
144	0.500000	1.140000	0.000000
145	0.500000	0.910000	0.000000
146	0.500000	0.980000	0.000000
147	0.500000	1.070000	0.000000
148	0.500000	1.180000	0.000000
149	0.500000	1.270000	0.000000
150	0.500000	1.340000	0.000000
151	0.500000	1.340000	0.000000
152	0.500000	1.350000	0.000000
153	0.500000	1.370000	0.000000
154	0.500000	1.390000	0.000000
155	0.500000	1.380000	0.000000
156	0.500000	1.370000	0.000000
157	0.500000	1.360000	0.000000
158	0.500000	1.370000	0.000000
159	0.500000	1.370000	0.000000
160	0.500000	1.360000	0.000000
161	0.500000	1.370000	0.000000
162	0.500000	1.370000	0.000000
163	0.500000	1.360000	0.000000
164	0.500000	1.370000	0.000000
165	0.500000	1.280000	0.000000
166	0.500000	1.110000	0.000000
167	0.500000	0.910000	0.000000
168	0.500000	0.970000	0.000000
169	0.500000	1.070000	0.000000
170	0.500000	1.160000	0.000000
171	0.500000	1.280000	0.000000
172	0.500000	1.370000	0.000000
173	0.500000	1.360000	0.000000
174	0.000000	1.360000	0.000000
175	0.000000	1.380000	0.000000
176	0.000000	1.370000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
177	09:39:35	150.305000	1.530000	0.030000	-4.670000	0.030000
178	09:45:24	150.306000	1.570000	0.030000	-4.620000	0.060000
179	09:51:13	150.305000	1.400000	0.030000	-4.600000	0.060000
180	09:57:03	150.306000	1.490000	0.050000	-4.690000	0.050000
181	10:03:19	150.306000	1.420000	0.050000	-4.730000	0.060000
182	10:09:09	150.306000	1.310000	0.030000	-4.760000	0.070000
183	10:14:58	150.306000	1.330000	0.030000	-4.930000	0.050000
184	10:20:47	150.306000	1.390000	0.080000	-4.880000	0.040000
185	10:26:37	150.306000	1.500000	0.030000	-4.930000	0.070000
186	10:32:27	150.305000	1.640000	0.070000	-4.870000	0.040000
187						
188	10:39:26	120.280000	0.550000	0.090000	-3.310000	0.120000
189	10:45:19	126.253000	1.000000	0.040000	-3.400000	0.060000
190	10:51:12	132.328000	1.130000	0.040000	-3.700000	0.030000
191	10:57:06	138.283000	1.380000	0.040000	-4.140000	0.040000
192	11:02:58	144.309000	1.340000	0.050000	-4.510000	0.080000
193	11:08:52	150.306000	1.470000	0.030000	-4.960000	0.050000
194	11:15:10	150.305000	1.450000	0.040000	-5.020000	0.040000
195	11:21:00	150.306000	1.500000	0.020000	-5.000000	0.040000
196	11:26:49	150.305000	1.490000	0.050000	-5.010000	0.060000
197	11:32:38	150.306000	1.400000	0.040000	-4.920000	0.040000
198	11:38:28	150.305000	1.520000	0.120000	-5.150000	0.040000
199	11:44:18	150.306000	1.400000	0.050000	-4.890000	0.050000
200	11:50:08	150.306000	1.440000	0.060000	-4.910000	0.030000
201	11:55:58	150.306000	1.380000	0.050000	-4.880000	0.080000
202	12:01:48	150.307000	1.250000	0.050000	-4.910000	0.020000
203	12:07:36	150.306000	1.260000	0.050000	-4.740000	0.050000
204	12:13:24	150.306000	1.280000	0.060000	-4.950000	0.070000
205	12:19:12	150.305000	1.180000	0.010000	-4.890000	0.030000
206	12:25:00	150.306000	1.060000	0.070000	-4.870000	0.060000
207	12:30:50	150.306000	0.990000	0.070000	-4.730000	0.030000
208	12:36:41	150.307000	1.200000	0.070000	-4.520000	0.050000
209						
210	12:43:41	120.281000	0.400000	0.050000	-3.150000	0.040000
211	12:49:35	126.253000	0.760000	0.050000	-3.200000	0.050000
212	12:55:27	132.328000	1.110000	0.030000	-3.530000	0.030000
213	13:01:19	138.283000	1.190000	0.040000	-3.930000	0.060000
214	13:07:11	144.309000	1.270000	0.040000	-4.430000	0.030000
215	13:13:03	150.307000	1.370000	0.050000	-4.770000	0.040000
216	13:18:51	150.306000	1.350000	0.020000	-4.770000	0.050000
217	13:24:40	150.306000	1.420000	0.060000	-4.730000	0.020000
218	13:30:28	150.306000	1.640000	0.040000	-4.850000	0.070000
219	13:36:16	150.306000	1.620000	0.040000	-4.880000	0.070000
220	13:42:05	150.306000	1.330000	0.060000	-4.850000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
177	24.020000	24.060000	22.680000	24.970000	23.610000	0.000000
178	24.110000	24.140000	22.770000	24.980000	23.610000	0.000000
179	24.160000	24.270000	22.900000	24.980000	23.640000	0.000000
180	24.170000	24.410000	23.050000	24.980000	23.690000	0.000000
181	24.130000	24.540000	23.190000	24.980000	23.750000	0.000000
182	24.180000	24.640000	23.270000	24.990000	23.820000	0.000000
183	24.220000	24.610000	23.240000	24.990000	23.850000	0.000000
184	24.260000	24.500000	23.110000	25.000000	23.850000	0.000000
185	24.170000	24.380000	23.010000	25.000000	23.830000	0.000000
186	24.230000	24.330000	22.960000	25.010000	23.810000	0.000000
187	24.180000	24.240000	22.980000	25.000000	23.790000	0.000000
188	24.100000	24.080000	22.980000	25.000000	23.760000	0.000000
189	24.040000	23.890000	23.010000	25.000000	23.700000	0.000000
190	24.160000	24.050000	23.100000	25.000000	23.720000	0.000000
191	24.100000	24.250000	23.190000	25.000000	23.750000	0.000000
192	24.220000	24.430000	23.270000	25.010000	23.810000	0.000000
193	24.170000	24.620000	23.370000	25.010000	23.880000	0.000000
194	24.200000	24.780000	23.440000	25.010000	23.970000	0.000000
195	24.170000	24.770000	23.420000	25.010000	24.000000	0.000000
196	24.310000	24.700000	23.340000	25.020000	24.020000	0.000000
197	24.280000	24.600000	23.230000	25.030000	24.000000	0.000000
198	24.270000	24.500000	23.130000	25.040000	23.990000	0.000000
199	24.310000	24.490000	23.120000	25.040000	23.970000	0.000000
200	24.460000	24.550000	23.170000	25.060000	23.980000	0.000000
201	24.320000	24.650000	23.300000	25.060000	24.010000	0.000000
202	24.460000	24.810000	23.430000	25.080000	24.060000	0.000000
203	24.580000	24.910000	23.550000	25.100000	24.110000	0.000000
204	24.600000	24.970000	23.570000	25.120000	24.160000	-0.500000
205	24.640000	24.940000	23.540000	25.140000	24.180000	-0.500000
206	24.600000	24.830000	23.440000	25.160000	24.180000	-0.500000
207	24.600000	24.730000	23.330000	25.160000	24.160000	-0.500000
208	24.430000	24.630000	23.270000	25.170000	24.130000	-0.500000
209	24.540000	24.560000	23.270000	25.180000	24.100000	-0.500000
210	24.540000	24.400000	23.270000	25.180000	24.070000	-0.500000
211	24.680000	24.220000	23.320000	25.200000	24.010000	0.000000
212	24.530000	24.380000	23.400000	25.210000	24.030000	0.000000
213	24.430000	24.570000	23.510000	25.210000	24.070000	0.000000
214	24.440000	24.750000	23.590000	25.210000	24.120000	0.000000
215	24.420000	24.860000	23.590000	25.220000	24.170000	0.000000
216	24.460000	24.910000	23.550000	25.230000	24.210000	0.000000
217	24.410000	24.840000	23.460000	25.230000	24.200000	-0.500000
218	24.380000	24.730000	23.370000	25.230000	24.180000	-0.500000
219	24.380000	24.660000	23.310000	25.230000	24.160000	-0.500000
220	24.370000	24.630000	23.270000	25.220000	24.140000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
177	0.500000	1.380000	0.000000
178	0.500000	1.370000	0.000000
179	0.500000	1.370000	0.000000
180	0.500000	1.360000	0.000000
181	0.500000	1.350000	0.000000
182	0.000000	1.370000	0.000000
183	0.000000	1.370000	0.000000
184	0.000000	1.390000	0.000000
185	0.000000	1.370000	0.000000
186	0.000000	1.370000	0.000000
187	0.000000	1.260000	0.000000
188	0.000000	1.100000	0.000000
189	0.500000	0.880000	0.000000
190	0.500000	0.950000	0.000000
191	0.500000	1.060000	0.000000
192	0.500000	1.160000	0.000000
193	0.000000	1.250000	0.000000
194	0.000000	1.340000	0.000000
195	0.000000	1.350000	0.000000
196	0.000000	1.360000	0.000000
197	0.000000	1.370000	0.000000
198	0.000000	1.370000	0.000000
199	0.000000	1.370000	0.000000
200	0.000000	1.380000	0.000000
201	0.000000	1.350000	0.000000
202	0.000000	1.380000	0.000000
203	0.000000	1.360000	0.000000
204	0.000000	1.400000	0.000000
205	-0.500000	1.400000	0.000000
206	-0.500000	1.390000	0.000000
207	-0.500000	1.400000	0.000000
208	-0.500000	1.360000	0.000000
209	0.000000	1.290000	0.000000
210	0.000000	1.130000	0.000000
211	0.000000	0.900000	0.000000
212	0.000000	0.980000	0.000000
213	0.000000	1.060000	0.000000
214	0.000000	1.160000	0.000000
215	0.000000	1.270000	0.000000
216	0.000000	1.360000	0.000000
217	0.000000	1.380000	0.000000
218	0.000000	1.360000	0.000000
219	0.000000	1.350000	0.000000
220	0.000000	1.360000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
221	13:47:53	150.306000	1.470000	0.090000	-4.800000	0.040000
222	13:53:41	150.307000	1.420000	0.030000	-4.730000	0.040000
223	13:59:30	150.306000	1.510000	0.050000	-4.900000	0.110000
224	14:05:19	150.306000	1.560000	0.060000	-5.000000	0.020000
225	14:11:07	150.307000	1.430000	0.030000	-5.170000	0.060000
226	14:16:56	150.306000	1.410000	0.040000	-5.330000	0.030000
227	14:22:45	150.306000	1.350000	0.040000	-5.290000	0.060000
228	14:28:34	150.305000	1.310000	0.050000	-5.170000	0.040000
229	14:34:23	150.306000	1.370000	0.020000	-5.110000	0.040000
230	14:40:12	150.307000	1.550000	0.060000	-5.140000	0.040000
231						
232	14:47:10	120.281000	0.450000	0.050000	-3.500000	0.050000
233	14:53:02	126.254000	0.940000	0.030000	-3.780000	0.010000
234	14:58:55	132.327000	0.970000	0.050000	-3.900000	0.020000
235	15:04:47	138.283000	1.160000	0.040000	-4.250000	0.060000
236	15:10:39	144.309000	1.450000	0.040000	-4.460000	0.020000
237	15:16:31	150.305000	1.560000	0.090000	-4.830000	0.070000
238	15:22:20	150.306000	1.590000	0.030000	-4.980000	0.050000
239	15:28:09	150.305000	1.370000	0.050000	-5.010000	0.060000
240	15:33:58	150.307000	1.320000	0.040000	-4.920000	0.020000
241	15:39:48	150.306000	1.400000	0.020000	-5.090000	0.040000
242	15:45:37	150.306000	1.550000	0.050000	-5.030000	0.030000
243	15:51:26	150.306000	1.510000	0.080000	-5.090000	0.050000
244	15:57:43	150.307000	1.540000	0.080000	-5.280000	0.040000
245	16:03:32	150.307000	1.480000	0.070000	-5.330000	0.040000
246	16:09:21	150.306000	1.540000	0.030000	-5.180000	0.020000
247	16:15:11	150.306000	1.360000	0.060000	-5.280000	0.050000
248	16:21:00	150.306000	1.410000	0.030000	-5.170000	0.030000
249	16:26:50	150.306000	1.530000	0.020000	-5.180000	0.030000
250	16:32:39	150.306000	1.620000	0.100000	-5.200000	0.090000
251	16:38:28	150.307000	1.550000	0.060000	-5.190000	0.060000
252	16:44:18	150.306000	1.550000	0.060000	-5.380000	0.040000
253						
254	16:51:17	120.281000	0.450000	0.050000	-3.850000	0.060000
255	16:57:11	126.253000	0.810000	0.030000	-3.810000	0.070000
256	17:03:03	132.328000	1.100000	0.020000	-3.940000	0.030000
257	17:08:56	138.283000	1.320000	0.050000	-4.280000	0.040000
258	17:14:49	144.311000	1.500000	0.070000	-4.710000	0.030000
259	17:20:42	150.305000	1.580000	0.030000	-5.110000	0.030000
260	17:26:33	150.306000	1.560000	0.030000	-5.110000	0.050000
261	17:32:23	150.306000	1.580000	0.020000	-5.210000	0.030000
262	17:38:42	150.306000	1.530000	0.050000	-5.340000	0.060000
263	17:44:33	150.306000	1.600000	0.050000	-5.580000	0.030000
264	17:50:24	150.306000	1.590000	0.040000	-5.470000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
221	24.360000	24.670000	23.320000	25.220000	24.140000	0.000000
222	24.370000	24.750000	23.400000	25.220000	24.150000	0.000000
223	24.300000	24.850000	23.510000	25.220000	24.190000	0.000000
224	24.330000	24.950000	23.610000	25.210000	24.240000	0.000000
225	24.410000	25.010000	23.660000	25.210000	24.270000	-0.500000
226	24.320000	24.990000	23.630000	25.210000	24.300000	-0.500000
227	24.360000	24.950000	23.580000	25.210000	24.310000	-0.500000
228	24.340000	24.870000	23.510000	25.200000	24.300000	-0.500000
229	24.350000	24.790000	23.440000	25.200000	24.280000	-0.500000
230	24.240000	24.740000	23.390000	25.190000	24.260000	-0.500000
231	24.310000	24.620000	23.340000	25.190000	24.230000	-0.500000
232	24.300000	24.450000	23.330000	25.190000	24.200000	-0.500000
233	24.230000	24.170000	23.280000	25.180000	24.100000	0.000000
234	24.200000	24.220000	23.250000	25.170000	24.070000	0.000000
235	24.150000	24.310000	23.240000	25.170000	24.060000	0.000000
236	24.160000	24.420000	23.250000	25.160000	24.050000	0.000000
237	24.260000	24.530000	23.270000	25.150000	24.070000	0.000000
238	24.170000	24.650000	23.300000	25.140000	24.090000	0.000000
239	24.240000	24.670000	23.310000	25.140000	24.090000	0.000000
240	24.230000	24.700000	23.330000	25.130000	24.100000	0.000000
241	24.290000	24.730000	23.360000	25.130000	24.110000	0.000000
242	24.240000	24.750000	23.380000	25.120000	24.130000	0.000000
243	24.210000	24.740000	23.370000	25.120000	24.140000	0.000000
244	24.180000	24.720000	23.350000	25.110000	24.140000	0.000000
245	24.150000	24.680000	23.330000	25.110000	24.130000	0.000000
246	24.230000	24.660000	23.300000	25.100000	24.130000	0.000000
247	24.160000	24.620000	23.270000	25.100000	24.120000	0.000000
248	24.140000	24.610000	23.260000	25.090000	24.110000	0.000000
249	24.110000	24.610000	23.240000	25.090000	24.100000	0.000000
250	24.220000	24.590000	23.230000	25.080000	24.090000	0.000000
251	24.220000	24.570000	23.210000	25.070000	24.080000	0.000000
252	24.120000	24.560000	23.200000	25.070000	24.070000	0.000000
253	24.110000	24.460000	23.180000	25.060000	24.040000	0.000000
254	24.130000	24.290000	23.170000	25.060000	24.010000	0.000000
255	24.050000	24.020000	23.130000	25.050000	23.930000	0.000000
256	24.110000	24.070000	23.090000	25.040000	23.900000	0.000000
257	24.140000	24.170000	23.100000	25.030000	23.890000	0.000000
258	24.110000	24.320000	23.160000	25.030000	23.900000	0.000000
259	24.080000	24.540000	23.280000	25.020000	23.950000	0.000000
260	24.130000	24.760000	23.420000	25.010000	24.020000	0.000000
261	24.130000	24.900000	23.550000	25.010000	24.090000	0.000000
262	24.150000	24.960000	23.590000	25.010000	24.150000	0.000000
263	24.200000	24.940000	23.580000	25.000000	24.190000	0.000000
264	24.140000	24.880000	23.520000	25.000000	24.210000	-0.500000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
221	0.000000	1.350000	0.000000
222	0.000000	1.350000	0.000000
223	0.000000	1.340000	0.000000
224	0.000000	1.340000	0.000000
225	0.000000	1.350000	0.000000
226	-0.500000	1.360000	0.000000
227	-0.500000	1.370000	0.000000
228	-0.500000	1.360000	0.000000
229	-0.500000	1.350000	0.000000
230	-0.500000	1.350000	0.000000
231	-0.500000	1.280000	0.000000
232	-0.500000	1.120000	0.000000
233	0.000000	0.890000	0.000000
234	0.000000	0.970000	0.000000
235	0.000000	1.070000	0.000000
236	0.000000	1.170000	0.000000
237	0.000000	1.260000	0.000000
238	0.000000	1.350000	0.000000
239	0.000000	1.360000	0.000000
240	0.000000	1.370000	0.000000
241	0.000000	1.370000	0.000000
242	0.000000	1.370000	0.000000
243	0.000000	1.370000	0.000000
244	0.000000	1.370000	0.000000
245	0.000000	1.350000	0.000000
246	0.000000	1.360000	0.000000
247	0.000000	1.350000	0.000000
248	0.000000	1.350000	0.000000
249	0.000000	1.370000	0.000000
250	0.000000	1.360000	0.000000
251	0.000000	1.360000	0.000000
252	0.000000	1.360000	0.000000
253	0.000000	1.280000	0.000000
254	0.000000	1.120000	0.000000
255	0.000000	0.890000	0.000000
256	0.000000	0.980000	0.000000
257	0.000000	1.070000	0.000000
258	0.000000	1.160000	0.000000
259	0.000000	1.260000	0.000000
260	0.000000	1.340000	0.000000
261	0.000000	1.350000	0.000000
262	0.000000	1.370000	0.000000
263	0.000000	1.360000	0.000000
264	-0.500000	1.360000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
265	17:56:15	150.306000	1.570000	0.030000	-5.530000	0.050000
266	18:02:05	150.306000	1.440000	0.120000	-5.650000	0.100000
267	18:07:56	150.306000	1.630000	0.070000	-5.550000	0.060000
268	18:13:48	150.307000	1.560000	0.040000	-5.550000	0.030000
269	18:19:42	150.306000	1.390000	0.060000	-5.560000	0.060000
270	18:25:36	150.306000	1.470000	0.020000	-5.540000	0.070000
271	18:31:29	150.306000	1.410000	0.030000	-5.420000	0.030000
272	18:37:22	150.307000	1.460000	0.060000	-5.400000	0.040000
273	18:43:09	150.307000	1.580000	0.110000	-5.370000	0.060000
274	18:48:56	150.306000	1.550000	0.020000	-5.520000	0.050000
275						
276	18:55:52	120.281000	0.600000	0.030000	-4.100000	0.060000
277	19:01:42	126.254000	0.910000	0.050000	-4.110000	0.030000
278	19:07:33	132.329000	1.100000	0.060000	-4.470000	0.050000
279	19:13:24	138.283000	1.300000	0.030000	-4.660000	0.070000
280	19:19:15	144.310000	1.500000	0.040000	-5.050000	0.020000
281	19:25:05	150.306000	1.510000	0.070000	-5.390000	0.050000
282	19:30:51	150.306000	1.520000	0.040000	-5.290000	0.030000
283	19:36:39	150.307000	1.560000	0.030000	-5.140000	0.040000
284	19:42:25	150.307000	1.550000	0.040000	-5.180000	0.090000
285	19:48:12	150.307000	1.620000	0.050000	-5.160000	0.030000
286	19:53:59	150.307000	1.620000	0.050000	-5.260000	0.050000
287	19:59:46	150.307000	1.530000	0.090000	-5.240000	0.050000
288	20:05:33	150.307000	1.570000	0.060000	-5.460000	0.070000
289	20:11:19	150.307000	1.520000	0.030000	-5.420000	0.050000
290	20:17:06	150.307000	1.520000	0.040000	-5.380000	0.040000
291	20:22:52	150.307000	1.500000	0.050000	-5.230000	0.040000
292	20:29:08	150.307000	1.480000	0.050000	-5.110000	0.030000
293	20:34:55	150.307000	1.570000	0.050000	-5.220000	0.040000
294	20:40:42	150.307000	1.650000	0.120000	-5.310000	0.120000
295	20:46:29	150.307000	1.680000	0.030000	-5.210000	0.020000
296	20:52:15	150.307000	1.580000	0.050000	-5.260000	0.060000
297						
298	20:59:12	120.281000	0.560000	0.080000	-3.540000	0.070000
299	21:05:02	126.255000	0.960000	0.070000	-3.550000	0.040000
300	21:10:53	132.328000	1.280000	0.030000	-3.820000	0.020000
301	21:16:43	138.284000	1.350000	0.030000	-4.290000	0.040000
302	21:22:34	144.311000	1.560000	0.020000	-4.660000	0.060000
303	21:28:25	150.308000	1.780000	0.050000	-5.010000	0.050000
304	21:34:12	150.307000	1.700000	0.070000	-4.940000	0.060000
305	21:39:58	150.308000	1.650000	0.040000	-4.960000	0.050000
306	21:45:45	150.307000	1.650000	0.020000	-4.980000	0.050000
307	21:51:32	150.307000	1.590000	0.050000	-5.150000	0.060000
308	21:57:20	150.308000	1.600000	0.060000	-5.290000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
265	24.130000	24.810000	23.450000	24.990000	24.210000	-0.500000
266	24.070000	24.740000	23.380000	24.980000	24.200000	-0.500000
267	24.100000	24.680000	23.310000	24.980000	24.180000	-0.500000
268	24.090000	24.610000	23.250000	24.970000	24.160000	-0.500000
269	24.070000	24.550000	23.190000	24.970000	24.130000	-0.500000
270	24.040000	24.510000	23.160000	24.970000	24.100000	-0.500000
271	24.020000	24.530000	23.180000	24.960000	24.080000	0.000000
272	23.990000	24.610000	23.260000	24.960000	24.090000	0.000000
273	24.120000	24.710000	23.370000	24.950000	24.120000	0.000000
274	24.090000	24.820000	23.470000	24.950000	24.150000	0.000000
275	24.160000	24.810000	23.530000	24.950000	24.180000	-0.500000
276	24.120000	24.640000	23.530000	24.950000	24.160000	-0.500000
277	24.130000	24.370000	23.470000	24.940000	24.110000	-0.500000
278	24.040000	24.360000	23.390000	24.940000	24.090000	-0.500000
279	24.080000	24.390000	23.310000	24.940000	24.070000	0.000000
280	24.070000	24.400000	23.240000	24.950000	24.060000	0.000000
281	24.040000	24.440000	23.170000	24.950000	24.050000	0.000000
282	24.200000	24.490000	23.140000	24.950000	24.040000	0.000000
283	24.120000	24.500000	23.140000	24.950000	24.020000	0.000000
284	24.110000	24.550000	23.210000	24.950000	24.030000	0.000000
285	24.230000	24.640000	23.300000	24.960000	24.050000	0.000000
286	24.140000	24.740000	23.400000	24.960000	24.080000	0.000000
287	24.240000	24.800000	23.450000	24.970000	24.120000	0.000000
288	24.140000	24.790000	23.430000	24.980000	24.130000	0.000000
289	24.220000	24.720000	23.350000	24.980000	24.130000	-0.500000
290	24.190000	24.610000	23.250000	24.980000	24.110000	-0.500000
291	24.260000	24.510000	23.150000	24.990000	24.070000	0.000000
292	24.180000	24.430000	23.080000	24.990000	24.040000	0.000000
293	24.120000	24.430000	23.090000	25.000000	24.010000	0.000000
294	24.180000	24.500000	23.160000	25.000000	24.000000	0.000000
295	24.170000	24.610000	23.270000	25.000000	24.030000	0.000000
296	24.160000	24.700000	23.360000	25.010000	24.060000	0.000000
297	24.180000	24.680000	23.410000	25.010000	24.080000	0.000000
298	24.180000	24.520000	23.410000	25.010000	24.050000	0.000000
299	24.250000	24.240000	23.330000	25.010000	23.990000	0.000000
300	24.260000	24.190000	23.210000	25.020000	23.960000	0.000000
301	24.250000	24.160000	23.080000	25.020000	23.920000	0.000000
302	24.130000	24.160000	22.980000	25.020000	23.880000	0.000000
303	24.100000	24.230000	22.970000	25.020000	23.860000	0.000000
304	24.160000	24.360000	23.010000	25.020000	23.870000	0.000000
305	24.180000	24.450000	23.110000	25.010000	23.890000	0.000000
306	24.240000	24.540000	23.190000	25.020000	23.910000	0.000000
307	24.310000	24.610000	23.260000	25.020000	23.940000	0.000000
308	24.340000	24.610000	23.260000	25.030000	23.960000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
265	-0.500000	1.360000	0.000000
266	-0.500000	1.360000	0.000000
267	-0.500000	1.370000	0.000000
268	-0.500000	1.360000	0.000000
269	-0.500000	1.360000	0.000000
270	-0.500000	1.350000	0.000000
271	0.000000	1.350000	0.000000
272	0.000000	1.350000	0.000000
273	0.000000	1.340000	0.000000
274	0.000000	1.350000	0.000000
275	0.000000	1.280000	0.000000
276	0.000000	1.110000	0.000000
277	0.000000	0.900000	0.000000
278	0.000000	0.970000	0.000000
279	0.000000	1.080000	0.000000
280	0.000000	1.160000	0.000000
281	0.000000	1.270000	0.000000
282	0.000000	1.350000	0.000000
283	0.000000	1.360000	0.000000
284	0.000000	1.340000	0.000000
285	0.000000	1.340000	0.000000
286	0.000000	1.340000	0.000000
287	0.000000	1.350000	0.000000
288	0.000000	1.360000	0.000000
289	0.000000	1.370000	0.000000
290	0.000000	1.360000	0.000000
291	0.000000	1.360000	0.000000
292	0.000000	1.350000	0.000000
293	0.000000	1.340000	0.000000
294	0.000000	1.340000	0.000000
295	0.000000	1.340000	0.000000
296	0.000000	1.340000	0.000000
297	0.000000	1.270000	0.000000
298	0.000000	1.110000	0.000000
299	0.000000	0.910000	0.000000
300	0.000000	0.980000	0.000000
301	0.000000	1.080000	0.000000
302	0.000000	1.180000	0.000000
303	0.000000	1.260000	0.000000
304	0.000000	1.350000	0.000000
305	0.000000	1.340000	0.000000
306	0.000000	1.350000	0.000000
307	0.000000	1.350000	0.000000
308	0.000000	1.350000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
309	22:03:07	150.307000	1.510000	0.080000	-5.220000	0.060000
310	22:08:54	150.307000	1.630000	0.030000	-4.970000	0.070000
311	22:14:41	150.307000	1.670000	0.020000	-4.990000	0.050000
312	22:20:28	150.306000	1.750000	0.030000	-5.070000	0.030000
313	22:26:15	150.307000	1.780000	0.020000	-4.790000	0.060000
314	22:32:02	150.307000	1.650000	0.080000	-4.810000	0.100000
315	22:37:49	150.307000	1.550000	0.050000	-4.800000	0.070000
316	22:43:36	150.308000	1.530000	0.050000	-4.700000	0.040000
317	22:49:23	150.308000	1.590000	0.030000	-4.840000	0.050000
318	22:55:10	150.307000	1.640000	0.040000	-4.830000	0.070000
319						
320	23:02:07	120.282000	0.680000	0.040000	-3.270000	0.050000
321	23:07:57	126.255000	1.050000	0.040000	-3.410000	0.070000
322	23:13:48	132.329000	1.380000	0.060000	-3.650000	0.060000
323	23:19:38	138.284000	1.430000	0.050000	-3.910000	0.030000
324	23:25:29	144.312000	1.540000	0.040000	-4.190000	0.110000
325	23:31:20	150.307000	1.590000	0.050000	-4.520000	0.050000
326	23:37:07	150.307000	1.480000	0.020000	-4.560000	0.080000
327	23:42:54	150.307000	1.530000	0.030000	-4.720000	0.050000
328	23:48:41	150.306000	1.710000	0.020000	-4.900000	0.050000
329	23:54:29	150.307000	1.610000	0.080000	-4.740000	0.140000
330	00:00:16	150.308000	1.740000	0.010000	-4.860000	0.030000
331	00:06:03	150.308000	1.660000	0.030000	-4.920000	0.030000
332	00:11:50	150.307000	1.700000	0.030000	-4.950000	0.040000
333	00:17:37	150.307000	1.630000	0.060000	-4.840000	0.050000
334	00:23:24	150.308000	1.520000	0.030000	-4.810000	0.070000
335	00:29:11	150.307000	1.590000	0.020000	-4.740000	0.040000
336	00:34:58	150.307000	1.620000	0.040000	-4.810000	0.070000
337	00:40:45	150.308000	1.830000	0.030000	-5.110000	0.070000
338	00:46:33	150.308000	1.600000	0.060000	-4.930000	0.040000
339	00:52:20	150.308000	1.510000	0.030000	-4.940000	0.030000
340	00:58:07	150.307000	1.600000	0.030000	-4.820000	0.020000
341						
342	01:05:04	120.282000	0.550000	0.030000	-3.270000	0.020000
343	01:10:55	126.254000	0.880000	0.050000	-3.350000	0.080000
344	01:16:47	132.328000	1.130000	0.080000	-3.570000	0.060000
345	01:22:38	138.285000	1.370000	0.030000	-3.970000	0.040000
346	01:28:29	144.310000	1.640000	0.030000	-4.280000	0.040000
347	01:34:21	150.308000	1.540000	0.050000	-4.860000	0.040000
348	01:40:37	150.308000	1.520000	0.020000	-4.800000	0.030000
349	01:46:24	150.308000	1.430000	0.060000	-4.880000	0.070000
350	01:52:11	150.308000	1.430000	0.020000	-4.870000	0.040000
351	01:57:58	150.307000	1.620000	0.050000	-4.760000	0.060000
352	02:03:45	150.307000	1.640000	0.030000	-4.840000	0.030000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
309	24.290000	24.550000	23.180000	25.030000	23.970000	0.000000
310	24.200000	24.430000	23.080000	25.040000	23.930000	0.000000
311	24.200000	24.340000	22.970000	25.040000	23.900000	0.000000
312	24.290000	24.290000	22.930000	25.050000	23.870000	0.000000
313	24.300000	24.310000	22.970000	25.060000	23.850000	0.000000
314	24.230000	24.410000	23.050000	25.060000	23.860000	0.000000
315	24.200000	24.490000	23.140000	25.060000	23.890000	0.000000
316	24.210000	24.550000	23.200000	25.070000	23.910000	0.000000
317	24.290000	24.550000	23.190000	25.070000	23.920000	0.000000
318	24.260000	24.460000	23.090000	25.070000	23.900000	0.000000
319	24.200000	24.230000	22.950000	25.070000	23.850000	0.000000
320	24.170000	24.050000	22.920000	25.070000	23.820000	0.000000
321	24.180000	23.690000	22.790000	25.060000	23.700000	0.000000
322	24.190000	23.720000	22.750000	25.060000	23.640000	0.000000
323	24.000000	23.840000	22.780000	25.050000	23.620000	0.000000
324	24.140000	24.030000	22.860000	25.060000	23.640000	0.000000
325	24.070000	24.260000	23.010000	25.050000	23.680000	0.000000
326	24.040000	24.490000	23.150000	25.050000	23.750000	0.000000
327	24.240000	24.600000	23.240000	25.050000	23.800000	0.000000
328	24.190000	24.590000	23.220000	25.050000	23.840000	0.000000
329	24.130000	24.490000	23.120000	25.040000	23.840000	0.000000
330	24.160000	24.360000	23.000000	25.040000	23.820000	0.000000
331	23.970000	24.270000	22.920000	25.030000	23.800000	0.000000
332	24.150000	24.250000	22.890000	25.030000	23.780000	0.000000
333	24.090000	24.260000	22.900000	25.030000	23.770000	0.000000
334	24.070000	24.300000	22.950000	25.030000	23.770000	0.000000
335	24.160000	24.340000	22.980000	25.020000	23.780000	0.000000
336	24.110000	24.370000	23.020000	25.020000	23.790000	0.000000
337	24.130000	24.390000	23.040000	25.020000	23.800000	0.000000
338	24.190000	24.360000	23.000000	25.010000	23.800000	0.000000
339	24.050000	24.270000	22.900000	25.020000	23.780000	0.000000
340	24.050000	24.200000	22.840000	25.010000	23.750000	0.000000
341	24.040000	24.080000	22.810000	25.010000	23.710000	0.000000
342	24.040000	23.920000	22.800000	25.010000	23.680000	0.000000
343	23.980000	23.690000	22.810000	25.010000	23.600000	0.000000
344	24.110000	23.840000	22.870000	25.000000	23.590000	0.000000
345	24.150000	24.010000	22.940000	25.000000	23.620000	0.000000
346	24.010000	24.160000	23.000000	25.000000	23.650000	0.000000
347	24.100000	24.300000	23.030000	25.000000	23.680000	0.000000
348	24.070000	24.390000	23.020000	25.000000	23.720000	0.000000
349	24.060000	24.360000	23.000000	24.990000	23.730000	0.000000
350	24.020000	24.330000	22.980000	24.990000	23.730000	0.000000
351	24.000000	24.330000	22.970000	24.990000	23.740000	0.000000
352	24.100000	24.330000	22.970000	24.990000	23.740000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
309	0.000000	1.370000	0.000000
310	0.000000	1.350000	0.000000
311	0.000000	1.370000	0.000000
312	0.000000	1.360000	0.000000
313	0.000000	1.340000	0.000000
314	0.000000	1.360000	0.000000
315	0.000000	1.350000	0.000000
316	0.000000	1.350000	0.000000
317	0.000000	1.360000	0.000000
318	0.000000	1.370000	0.000000
319	0.000000	1.280000	0.000000
320	0.000000	1.130000	0.000000
321	0.500000	0.900000	0.000000
322	0.500000	0.970000	0.000000
323	0.500000	1.060000	0.000000
324	0.500000	1.170000	0.000000
325	0.500000	1.250000	0.000000
326	0.500000	1.340000	0.000000
327	0.500000	1.360000	0.000000
328	0.500000	1.370000	0.000000
329	0.000000	1.370000	0.000000
330	0.000000	1.360000	0.000000
331	0.000000	1.350000	0.000000
332	0.000000	1.360000	0.000000
333	0.000000	1.360000	0.000000
334	0.500000	1.350000	0.000000
335	0.500000	1.360000	0.000000
336	0.500000	1.350000	0.000000
337	0.500000	1.350000	0.000000
338	0.000000	1.360000	0.000000
339	0.000000	1.370000	0.000000
340	0.000000	1.360000	0.000000
341	0.500000	1.270000	0.000000
342	0.500000	1.120000	0.000000
343	0.500000	0.880000	0.000000
344	0.500000	0.970000	0.000000
345	0.500000	1.070000	0.000000
346	0.500000	1.160000	0.000000
347	0.500000	1.270000	0.000000
348	0.500000	1.370000	0.000000
349	0.500000	1.360000	0.000000
350	0.500000	1.350000	0.000000
351	0.500000	1.360000	0.000000
352	0.500000	1.360000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
353	02:09:32	150.308000	1.720000	0.030000	-4.930000	0.060000
354	02:15:19	150.307000	1.740000	0.020000	-4.870000	0.060000
355	02:21:06	150.308000	1.630000	0.050000	-5.100000	0.050000
356	02:26:53	150.307000	1.570000	0.100000	-5.160000	0.150000
357	02:32:40	150.308000	1.470000	0.050000	-5.220000	0.020000
358	02:38:28	150.308000	1.580000	0.040000	-4.980000	0.130000
359	02:44:16	150.308000	1.570000	0.050000	-5.180000	0.050000
360	02:50:04	150.309000	1.620000	0.030000	-5.240000	0.050000
361	02:55:52	150.308000	1.690000	0.030000	-5.220000	0.030000
362	03:01:39	150.308000	1.660000	0.040000	-5.200000	0.050000
363						
364	03:08:37	120.282000	0.650000	0.030000	-3.620000	0.040000
365	03:14:28	126.255000	0.980000	0.070000	-3.680000	0.080000
366	03:20:20	132.329000	1.320000	0.070000	-4.120000	0.050000
367	03:26:12	138.284000	1.290000	0.040000	-4.440000	0.030000
368	03:32:03	144.311000	1.480000	0.050000	-4.670000	0.050000
369	03:37:55	150.308000	1.590000	0.040000	-4.990000	0.060000
370	03:43:43	150.308000	1.790000	0.040000	-5.050000	0.020000
371	03:49:31	150.308000	1.830000	0.040000	-5.250000	0.030000
372	03:55:19	150.308000	1.830000	0.110000	-5.180000	0.070000
373	04:01:07	150.308000	1.750000	0.040000	-5.380000	0.030000
374	04:06:55	150.307000	1.780000	0.040000	-5.270000	0.120000
375	04:12:43	150.308000	1.730000	0.030000	-5.270000	0.060000
376	04:18:31	150.308000	1.580000	0.030000	-5.400000	0.050000
377	04:24:19	150.308000	1.690000	0.060000	-5.260000	0.030000
378	04:30:07	150.308000	1.830000	0.070000	-5.170000	0.060000
379	04:35:55	150.308000	1.800000	0.050000	-5.190000	0.070000
380	04:41:43	150.307000	1.820000	0.050000	-5.400000	0.060000
381	04:47:32	150.308000	1.850000	0.040000	-5.230000	0.030000
382	04:53:20	150.307000	1.730000	0.030000	-5.200000	0.060000
383	04:59:08	150.308000	1.800000	0.050000	-5.140000	0.080000
384	05:04:57	150.308000	1.710000	0.040000	-5.060000	0.040000
385						
386	05:11:54	120.282000	0.570000	0.060000	-3.480000	0.100000
387	05:17:46	126.255000	1.010000	0.040000	-3.610000	0.050000
388	05:23:38	132.329000	1.500000	0.020000	-3.860000	0.040000
389	05:29:30	138.284000	1.670000	0.040000	-4.360000	0.030000
390	05:35:21	144.311000	1.590000	0.050000	-4.680000	0.100000
391	05:41:13	150.308000	1.790000	0.040000	-4.850000	0.070000
392	05:47:01	150.308000	1.570000	0.030000	-4.900000	0.080000
393	05:52:49	150.308000	1.600000	0.030000	-4.860000	0.050000
394	05:58:38	150.308000	1.740000	0.040000	-4.870000	0.080000
395	06:04:26	150.309000	1.730000	0.060000	-4.990000	0.100000
396	06:10:14	150.309000	1.770000	0.040000	-4.990000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
353	23.970000	24.320000	22.970000	24.980000	23.750000	0.000000
354	24.110000	24.330000	22.960000	24.980000	23.750000	0.000000
355	24.030000	24.330000	22.970000	24.970000	23.760000	0.000000
356	24.000000	24.330000	22.970000	24.970000	23.760000	0.000000
357	24.080000	24.340000	22.980000	24.970000	23.760000	0.000000
358	24.070000	24.340000	22.990000	24.960000	23.770000	0.000000
359	24.050000	24.340000	22.990000	24.960000	23.780000	0.000000
360	24.110000	24.340000	22.990000	24.950000	23.780000	0.000000
361	24.020000	24.350000	22.990000	24.950000	23.780000	0.000000
362	24.030000	24.360000	23.000000	24.950000	23.790000	0.000000
363	23.920000	24.270000	23.000000	24.940000	23.780000	0.000000
364	24.030000	24.110000	23.000000	24.940000	23.750000	0.000000
365	24.030000	23.870000	22.980000	24.940000	23.690000	0.000000
366	24.070000	23.950000	22.980000	24.940000	23.680000	0.000000
367	24.010000	24.060000	22.990000	24.930000	23.690000	0.000000
368	23.990000	24.170000	23.000000	24.930000	23.700000	0.000000
369	23.900000	24.260000	22.990000	24.930000	23.720000	0.000000
370	24.010000	24.360000	23.000000	24.930000	23.750000	0.000000
371	24.050000	24.340000	22.980000	24.930000	23.750000	0.000000
372	24.020000	24.330000	22.970000	24.920000	23.750000	0.000000
373	24.050000	24.330000	22.970000	24.920000	23.760000	0.000000
374	24.030000	24.350000	22.990000	24.920000	23.770000	0.000000
375	24.080000	24.360000	22.990000	24.910000	23.770000	0.000000
376	24.050000	24.310000	22.950000	24.900000	23.770000	0.000000
377	23.950000	24.270000	22.900000	24.910000	23.760000	0.000000
378	23.900000	24.240000	22.880000	24.900000	23.740000	0.000000
379	23.990000	24.240000	22.860000	24.900000	23.730000	0.000000
380	23.960000	24.220000	22.850000	24.900000	23.720000	0.000000
381	24.040000	24.200000	22.830000	24.900000	23.710000	0.000000
382	23.970000	24.190000	22.820000	24.900000	23.700000	0.000000
383	24.040000	24.220000	22.860000	24.910000	23.700000	0.000000
384	23.990000	24.270000	22.910000	24.910000	23.710000	0.000000
385	24.120000	24.200000	22.920000	24.910000	23.700000	0.000000
386	24.040000	24.030000	22.910000	24.920000	23.670000	0.000000
387	23.940000	23.760000	22.860000	24.910000	23.590000	0.000000
388	23.920000	23.800000	22.820000	24.910000	23.570000	0.000000
389	23.980000	23.860000	22.790000	24.900000	23.560000	0.000000
390	24.000000	23.920000	22.750000	24.900000	23.560000	0.000000
391	24.010000	24.000000	22.730000	24.910000	23.550000	0.000000
392	24.030000	24.120000	22.750000	24.920000	23.570000	0.000000
393	23.970000	24.180000	22.810000	24.910000	23.590000	0.000000
394	24.060000	24.210000	22.850000	24.910000	23.600000	0.000000
395	24.030000	24.220000	22.860000	24.900000	23.610000	0.000000
396	23.910000	24.200000	22.840000	24.900000	23.620000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
353	0.500000	1.350000	0.000000
354	0.500000	1.370000	0.000000
355	0.500000	1.360000	0.000000
356	0.500000	1.360000	0.000000
357	0.500000	1.360000	0.000000
358	0.000000	1.350000	0.000000
359	0.000000	1.350000	0.000000
360	0.000000	1.350000	0.000000
361	0.000000	1.360000	0.000000
362	0.000000	1.360000	0.000000
363	0.000000	1.270000	0.000000
364	0.000000	1.110000	0.000000
365	0.500000	0.890000	0.000000
366	0.500000	0.970000	0.000000
367	0.500000	1.070000	0.000000
368	0.500000	1.170000	0.000000
369	0.500000	1.270000	0.000000
370	0.500000	1.360000	0.000000
371	0.500000	1.360000	0.000000
372	0.000000	1.360000	0.000000
373	0.000000	1.360000	0.000000
374	0.000000	1.360000	0.000000
375	0.000000	1.370000	0.000000
376	0.000000	1.360000	0.000000
377	0.000000	1.370000	0.000000
378	0.000000	1.360000	0.000000
379	0.000000	1.380000	0.000000
380	0.000000	1.370000	0.000000
381	0.000000	1.370000	0.000000
382	0.000000	1.370000	0.000000
383	0.500000	1.360000	0.000000
384	0.500000	1.360000	0.000000
385	0.500000	1.280000	0.000000
386	0.500000	1.120000	0.000000
387	0.500000	0.900000	0.000000
388	0.500000	0.980000	0.000000
389	0.500000	1.070000	0.000000
390	0.500000	1.170000	0.000000
391	0.500000	1.270000	0.000000
392	0.500000	1.370000	0.000000
393	0.500000	1.370000	0.000000
394	0.500000	1.360000	0.000000
395	0.500000	1.360000	0.000000
396	0.500000	1.360000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
397	06:16:03	150.308000	1.690000	0.040000	-5.150000	0.060000
398	06:21:51	150.308000	1.660000	0.030000	-4.920000	0.080000
399	06:27:40	150.308000	1.630000	0.020000	-4.990000	0.020000
400	06:33:28	150.308000	1.530000	0.030000	-5.000000	0.080000
401	06:39:16	150.308000	1.680000	0.050000	-4.990000	0.030000
402	06:45:04	150.308000	1.830000	0.030000	-5.160000	0.060000
403	06:50:53	150.308000	1.750000	0.030000	-5.230000	0.040000
404	06:56:41	150.308000	1.640000	0.040000	-4.980000	0.060000
405	07:02:30	150.308000	1.620000	0.070000	-5.020000	0.060000
406	07:08:18	150.308000	1.620000	0.050000	-5.000000	0.100000
407						
408	07:15:16	120.282000	0.630000	0.030000	-3.420000	0.070000
409	07:21:08	126.256000	1.010000	0.030000	-3.700000	0.030000
410	07:27:00	132.329000	1.240000	0.070000	-3.900000	0.050000
411	07:32:52	138.285000	1.420000	0.050000	-4.290000	0.090000
412	07:38:44	144.311000	1.500000	0.050000	-4.460000	0.050000
413	07:44:36	150.308000	1.650000	0.050000	-4.890000	0.110000
414	07:50:24	150.308000	1.340000	0.050000	-4.860000	0.100000
415	07:56:13	150.308000	1.500000	0.050000	-4.690000	0.040000
416	08:02:01	150.309000	1.480000	0.040000	-4.840000	0.030000
417	08:07:50	150.308000	1.540000	0.050000	-5.000000	0.060000
418	08:13:39	150.309000	1.470000	0.030000	-4.870000	0.050000
419	08:19:27	150.309000	1.470000	0.070000	-4.990000	0.030000
420	08:25:15	150.308000	1.480000	0.060000	-5.220000	0.040000
421	08:31:03	150.308000	1.470000	0.040000	-5.180000	0.060000
422	08:36:51	150.309000	1.530000	0.040000	-4.940000	0.010000
423	08:42:39	150.309000	1.390000	0.080000	-4.770000	0.060000
424	08:48:27	150.309000	1.420000	0.020000	-4.580000	0.040000
425	08:54:14	150.309000	1.590000	0.060000	-4.810000	0.020000
426	09:00:02	150.309000	1.620000	0.110000	-4.770000	0.050000
427	09:05:51	150.309000	1.480000	0.040000	-4.600000	0.050000
428	09:11:40	150.309000	1.540000	0.050000	-4.630000	0.050000
429						
430	09:18:38	120.283000	0.510000	0.030000	-3.090000	0.060000
431	09:24:31	126.255000	0.990000	0.030000	-3.320000	0.030000
432	09:30:23	132.330000	1.160000	0.060000	-3.390000	0.050000
433	09:36:15	138.285000	1.520000	0.040000	-3.700000	0.020000
434	09:42:08	144.311000	1.660000	0.090000	-4.250000	0.030000
435	09:48:00	150.308000	1.640000	0.030000	-4.620000	0.030000
436	09:53:50	150.309000	1.650000	0.050000	-4.610000	0.010000
437	09:59:38	150.308000	1.680000	0.050000	-4.530000	0.030000
438	10:05:27	150.308000	1.690000	0.040000	-4.320000	0.060000
439	10:11:45	150.309000	1.600000	0.050000	-4.540000	0.040000
440	10:17:35	150.309000	1.650000	0.020000	-4.660000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
397	24.030000	24.170000	22.810000	24.900000	23.620000	0.000000
398	23.930000	24.160000	22.790000	24.900000	23.610000	0.000000
399	23.950000	24.140000	22.770000	24.900000	23.610000	0.000000
400	23.870000	24.130000	22.780000	24.890000	23.590000	0.000000
401	24.020000	24.150000	22.800000	24.900000	23.600000	0.000000
402	23.980000	24.190000	22.840000	24.900000	23.620000	0.000000
403	23.860000	24.210000	22.840000	24.890000	23.620000	0.000000
404	23.910000	24.170000	22.810000	24.890000	23.620000	0.000000
405	23.980000	24.130000	22.770000	24.890000	23.610000	0.000000
406	23.950000	24.110000	22.760000	24.890000	23.600000	0.000000
407	23.990000	24.080000	22.800000	24.890000	23.600000	0.000000
408	23.990000	23.920000	22.810000	24.890000	23.570000	0.000000
409	24.080000	23.730000	22.830000	24.900000	23.520000	0.000000
410	23.990000	23.810000	22.830000	24.890000	23.520000	0.000000
411	24.020000	23.890000	22.810000	24.900000	23.520000	0.000000
412	24.030000	23.960000	22.790000	24.900000	23.520000	0.000000
413	24.060000	24.040000	22.770000	24.900000	23.540000	0.000000
414	23.990000	24.140000	22.770000	24.910000	23.560000	0.000000
415	24.020000	24.170000	22.790000	24.910000	23.570000	0.000000
416	24.030000	24.210000	22.850000	24.900000	23.590000	0.000000
417	24.030000	24.300000	22.940000	24.920000	23.620000	0.000000
418	24.070000	24.410000	23.060000	24.930000	23.670000	0.000000
419	24.090000	24.510000	23.160000	24.930000	23.740000	0.000000
420	24.050000	24.540000	23.170000	24.930000	23.780000	0.000000
421	24.130000	24.450000	23.060000	24.940000	23.780000	0.000000
422	24.150000	24.290000	22.920000	24.950000	23.750000	0.000000
423	24.260000	24.210000	22.820000	24.970000	23.720000	0.000000
424	24.090000	24.150000	22.770000	24.960000	23.690000	0.000000
425	24.150000	24.150000	22.750000	24.970000	23.670000	0.000000
426	24.250000	24.170000	22.790000	24.980000	23.660000	0.000000
427	24.080000	24.250000	22.880000	24.980000	23.680000	0.000000
428	24.200000	24.340000	22.980000	24.990000	23.710000	0.000000
429	24.210000	24.340000	23.080000	24.990000	23.720000	0.000000
430	24.170000	24.190000	23.080000	24.990000	23.700000	0.000000
431	24.150000	23.990000	23.100000	25.000000	23.670000	0.000000
432	24.140000	24.090000	23.110000	25.000000	23.680000	0.000000
433	24.090000	24.160000	23.070000	25.000000	23.700000	0.000000
434	24.180000	24.130000	22.950000	25.000000	23.690000	0.000000
435	24.160000	24.120000	22.820000	25.000000	23.670000	0.000000
436	24.080000	24.120000	22.760000	25.000000	23.660000	0.000000
437	24.180000	24.120000	22.760000	25.000000	23.640000	0.000000
438	24.140000	24.190000	22.830000	25.000000	23.650000	0.000000
439	24.100000	24.320000	22.960000	25.010000	23.680000	0.000000
440	24.100000	24.470000	23.120000	25.020000	23.740000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
397	0.500000	1.360000	0.000000
398	0.500000	1.370000	0.000000
399	0.500000	1.370000	0.000000
400	0.500000	1.350000	0.000000
401	0.500000	1.350000	0.000000
402	0.500000	1.350000	0.000000
403	0.500000	1.370000	0.000000
404	0.500000	1.360000	0.000000
405	0.500000	1.360000	0.000000
406	0.500000	1.350000	0.000000
407	0.500000	1.280000	0.000000
408	0.500000	1.110000	0.000000
409	0.500000	0.900000	0.000000
410	0.500000	0.980000	0.000000
411	0.500000	1.080000	0.000000
412	0.500000	1.170000	0.000000
413	0.500000	1.270000	0.000000
414	0.500000	1.370000	0.000000
415	0.500000	1.380000	0.000000
416	0.500000	1.360000	0.000000
417	0.500000	1.360000	0.000000
418	0.500000	1.350000	0.000000
419	0.500000	1.350000	0.000000
420	0.000000	1.370000	0.000000
421	0.000000	1.390000	0.000000
422	0.000000	1.370000	0.000000
423	0.000000	1.390000	0.000000
424	0.000000	1.380000	0.000000
425	0.000000	1.400000	0.000000
426	0.500000	1.380000	0.000000
427	0.500000	1.370000	0.000000
428	0.500000	1.360000	0.000000
429	0.500000	1.260000	0.000000
430	0.500000	1.110000	0.000000
431	0.500000	0.890000	0.000000
432	0.500000	0.980000	0.000000
433	0.500000	1.090000	0.000000
434	0.500000	1.180000	0.000000
435	0.500000	1.300000	0.000000
436	0.500000	1.360000	0.000000
437	0.500000	1.360000	0.000000
438	0.500000	1.360000	0.000000
439	0.500000	1.360000	0.000000
440	0.500000	1.350000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
441	10:23:26	150.309000	1.580000	0.100000	-4.680000	0.050000
442	10:29:17	150.308000	1.540000	0.020000	-4.730000	0.030000
443	10:35:08	150.310000	1.610000	0.040000	-4.950000	0.040000
444	10:40:58	150.308000	1.670000	0.070000	-4.770000	0.050000
445	10:46:49	150.308000	1.660000	0.030000	-4.820000	0.010000
446	10:52:40	150.309000	1.630000	0.080000	-4.870000	0.070000
447	10:58:31	150.309000	1.600000	0.010000	-4.970000	0.030000
448	11:04:22	150.309000	1.490000	0.040000	-4.860000	0.030000
449	11:10:13	150.310000	1.610000	0.030000	-4.840000	0.020000
450	11:16:04	150.308000	1.600000	0.030000	-4.890000	0.050000
451						
452	11:23:05	120.283000	0.610000	0.020000	-3.400000	0.030000
453	11:28:59	126.256000	1.040000	0.010000	-3.590000	0.020000
454	11:34:53	132.330000	1.190000	0.050000	-3.650000	0.070000
455	11:40:48	138.285000	1.440000	0.030000	-4.170000	0.020000
456	11:46:43	144.313000	1.590000	0.050000	-4.260000	0.040000
457	11:52:38	150.309000	1.620000	0.030000	-4.790000	0.070000
458	11:58:29	150.309000	1.750000	0.060000	-5.010000	0.050000
459	12:04:20	150.310000	1.680000	0.070000	-4.950000	0.050000
460	12:10:11	150.309000	1.490000	0.010000	-4.870000	0.030000
461	12:16:02	150.309000	1.460000	0.030000	-4.910000	0.070000
462	12:21:54	150.309000	1.430000	0.080000	-4.690000	0.090000
463	12:27:45	150.309000	1.270000	0.040000	-4.610000	0.030000
464	12:33:36	150.309000	1.400000	0.050000	-4.530000	0.040000
465	12:39:28	150.309000	1.530000	0.080000	-4.720000	0.040000
466	12:45:17	150.309000	1.570000	0.090000	-4.780000	0.110000
467	12:51:07	150.309000	1.660000	0.030000	-4.930000	0.030000
468	12:57:27	150.310000	1.590000	0.020000	-4.840000	0.020000
469	13:03:18	150.310000	1.570000	0.030000	-4.710000	0.060000
470	13:09:09	150.310000	1.640000	0.030000	-4.800000	0.080000
471	13:15:01	150.309000	1.650000	0.040000	-4.700000	0.060000
472	13:20:53	150.309000	1.720000	0.070000	-4.890000	0.050000
473						
474	13:27:54	120.283000	0.690000	0.040000	-3.380000	0.040000
475	13:33:49	126.256000	1.170000	0.030000	-3.500000	0.020000
476	13:39:44	132.330000	1.400000	0.030000	-3.760000	0.050000
477	13:45:39	138.285000	1.590000	0.030000	-4.080000	0.050000
478	13:51:34	144.312000	1.740000	0.030000	-4.360000	0.030000
479	13:57:30	150.310000	2.020000	0.060000	-4.810000	0.050000
480	14:03:22	150.309000	1.850000	0.030000	-4.810000	0.040000
481	14:09:14	150.309000	1.650000	0.070000	-4.640000	0.050000
482	14:15:06	150.309000	1.650000	0.050000	-4.740000	0.030000
483	14:20:58	150.310000	1.610000	0.050000	-4.850000	0.050000
484	14:26:50	150.309000	1.800000	0.050000	-4.750000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
441	24.270000	24.640000	23.270000	25.030000	23.810000	0.000000
442	24.230000	24.720000	23.370000	25.030000	23.880000	0.000000
443	24.270000	24.730000	23.360000	25.030000	23.920000	0.000000
444	24.220000	24.640000	23.280000	25.040000	23.940000	0.000000
445	24.250000	24.550000	23.180000	25.050000	23.940000	0.000000
446	24.440000	24.510000	23.130000	25.060000	23.930000	0.000000
447	24.280000	24.510000	23.160000	25.070000	23.940000	0.000000
448	24.210000	24.580000	23.230000	25.060000	23.950000	0.000000
449	24.300000	24.670000	23.310000	25.080000	23.990000	0.000000
450	24.320000	24.750000	23.390000	25.080000	24.030000	0.000000
451	24.390000	24.680000	23.390000	25.090000	24.050000	0.000000
452	24.400000	24.520000	23.390000	25.090000	24.020000	0.000000
453	24.320000	24.200000	23.300000	25.100000	23.950000	0.000000
454	24.370000	24.210000	23.230000	25.110000	23.930000	0.000000
455	24.320000	24.300000	23.220000	25.110000	23.940000	0.000000
456	24.440000	24.470000	23.290000	25.120000	23.960000	0.000000
457	24.370000	24.680000	23.400000	25.130000	24.020000	0.000000
458	24.400000	24.860000	23.500000	25.140000	24.090000	0.000000
459	24.380000	24.900000	23.540000	25.150000	24.130000	0.000000
460	24.340000	24.900000	23.520000	25.150000	24.160000	0.000000
461	24.570000	24.850000	23.470000	25.170000	24.170000	-0.500000
462	24.520000	24.790000	23.410000	25.180000	24.170000	-0.500000
463	24.510000	24.740000	23.360000	25.190000	24.160000	-0.500000
464	24.380000	24.730000	23.350000	25.190000	24.160000	0.000000
465	24.460000	24.730000	23.380000	25.190000	24.150000	0.000000
466	24.360000	24.780000	23.430000	25.190000	24.170000	0.000000
467	24.360000	24.820000	23.470000	25.190000	24.190000	0.000000
468	24.340000	24.830000	23.470000	25.190000	24.200000	0.000000
469	24.340000	24.810000	23.450000	25.180000	24.210000	-0.500000
470	24.300000	24.750000	23.410000	25.180000	24.210000	-0.500000
471	24.320000	24.740000	23.370000	25.170000	24.200000	-0.500000
472	24.310000	24.700000	23.350000	25.170000	24.190000	-0.500000
473	24.250000	24.580000	23.310000	25.160000	24.160000	-0.500000
474	24.240000	24.410000	23.300000	25.160000	24.130000	-0.500000
475	24.190000	24.160000	23.270000	25.150000	24.050000	0.000000
476	24.170000	24.220000	23.250000	25.150000	24.020000	0.000000
477	24.220000	24.310000	23.240000	25.140000	24.010000	0.000000
478	24.240000	24.400000	23.240000	25.130000	24.020000	0.000000
479	24.220000	24.510000	23.240000	25.130000	24.020000	0.000000
480	24.140000	24.600000	23.240000	25.120000	24.040000	0.000000
481	24.200000	24.600000	23.240000	25.110000	24.040000	0.000000
482	24.250000	24.590000	23.240000	25.100000	24.040000	0.000000
483	24.270000	24.590000	23.240000	25.100000	24.050000	0.000000
484	24.230000	24.600000	23.250000	25.090000	24.050000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
441	0.500000	1.370000	0.000000
442	0.000000	1.350000	0.000000
443	0.000000	1.370000	0.000000
444	0.000000	1.360000	0.000000
445	0.000000	1.370000	0.000000
446	0.000000	1.380000	0.000000
447	0.000000	1.350000	0.000000
448	0.000000	1.350000	0.000000
449	0.000000	1.360000	0.000000
450	0.000000	1.360000	0.000000
451	0.000000	1.290000	0.000000
452	0.000000	1.130000	0.000000
453	0.000000	0.900000	0.000000
454	0.000000	0.980000	0.000000
455	0.000000	1.080000	0.000000
456	0.000000	1.180000	0.000000
457	0.000000	1.280000	0.000000
458	0.000000	1.360000	0.000000
459	0.000000	1.360000	0.000000
460	0.000000	1.380000	0.000000
461	0.000000	1.380000	0.000000
462	0.000000	1.380000	0.000000
463	0.000000	1.380000	0.000000
464	0.000000	1.380000	0.000000
465	0.000000	1.350000	0.000000
466	0.000000	1.350000	0.000000
467	0.000000	1.350000	0.000000
468	0.000000	1.360000	0.000000
469	0.000000	1.360000	0.000000
470	0.000000	1.340000	0.000000
471	0.000000	1.370000	0.000000
472	0.000000	1.350000	0.000000
473	0.000000	1.270000	0.000000
474	0.000000	1.110000	0.000000
475	0.000000	0.890000	0.000000
476	0.000000	0.970000	0.000000
477	0.000000	1.070000	0.000000
478	0.000000	1.160000	0.000000
479	0.000000	1.270000	0.000000
480	0.000000	1.360000	0.000000
481	0.000000	1.360000	0.000000
482	0.000000	1.350000	0.000000
483	0.000000	1.350000	0.000000
484	0.000000	1.350000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
485	14:32:42	150.309000	1.690000	0.080000	-4.890000	0.090000
486	14:38:34	150.309000	1.520000	0.030000	-4.930000	0.020000
487	14:44:26	150.308000	1.710000	0.040000	-4.830000	0.040000
488	14:50:18	150.309000	1.800000	0.050000	-5.060000	0.050000
489	14:56:10	150.309000	1.580000	0.070000	-4.990000	0.080000
490	15:02:02	150.309000	1.730000	0.010000	-4.950000	0.020000
491	15:07:52	150.309000	1.650000	0.050000	-4.950000	0.040000
492	15:13:40	150.309000	1.720000	0.020000	-5.050000	0.040000
493	15:19:29	150.309000	1.610000	0.040000	-5.100000	0.050000
494	15:25:17	150.310000	1.740000	0.020000	-5.160000	0.040000
495						
496	15:32:14	120.282000	0.820000	0.030000	-3.670000	0.040000
497	15:38:05	126.256000	1.340000	0.060000	-3.610000	0.030000
498	15:43:57	132.330000	1.300000	0.020000	-3.840000	0.030000
499	15:49:49	138.285000	1.690000	0.060000	-4.190000	0.030000
500	15:55:40	144.312000	1.640000	0.080000	-4.680000	0.050000
501	16:01:32	150.309000	1.760000	0.030000	-5.080000	0.070000
502	16:07:20	150.309000	1.710000	0.050000	-5.220000	0.090000
503	16:13:08	150.309000	1.750000	0.030000	-5.220000	0.050000
504	16:18:56	150.309000	1.720000	0.040000	-5.250000	0.020000
505	16:24:43	150.310000	1.850000	0.060000	-5.260000	0.070000
506	16:30:30	150.309000	1.680000	0.050000	-5.430000	0.040000
507	16:36:18	150.309000	1.770000	0.040000	-5.620000	0.030000
508	16:42:06	150.309000	1.700000	0.140000	-5.480000	0.060000
509	16:47:54	150.309000	1.650000	0.050000	-5.410000	0.060000
510	16:53:42	150.309000	1.680000	0.020000	-5.310000	0.070000
511	16:59:29	150.310000	1.760000	0.050000	-5.430000	0.080000
512	17:05:19	150.310000	1.660000	0.040000	-5.500000	0.050000
513	17:11:09	150.309000	1.680000	0.040000	-5.690000	0.050000
514	17:17:00	150.309000	1.330000	0.050000	-5.730000	0.070000
515	17:22:51	150.309000	1.420000	0.050000	-5.550000	0.070000
516	17:28:42	150.309000	1.540000	0.030000	-5.630000	0.040000
517						
518	17:35:42	120.284000	0.620000	0.030000	-4.050000	0.040000
519	17:41:36	126.257000	1.100000	0.050000	-4.240000	0.080000
520	17:47:31	132.330000	1.280000	0.060000	-4.470000	0.070000
521	17:53:26	138.286000	1.370000	0.050000	-4.780000	0.080000
522	17:59:22	144.313000	1.590000	0.060000	-5.150000	0.100000
523	18:05:17	150.309000	1.650000	0.040000	-5.420000	0.030000
524	18:11:09	150.309000	1.910000	0.050000	-5.500000	0.030000
525	18:17:01	150.309000	1.770000	0.030000	-5.550000	0.020000
526	18:22:53	150.309000	1.730000	0.050000	-5.350000	0.120000
527	18:28:44	150.309000	1.690000	0.050000	-5.530000	0.030000
528	18:34:36	150.309000	1.780000	0.050000	-5.570000	0.090000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
485	24.220000	24.620000	23.270000	25.090000	24.050000	0.000000
486	24.270000	24.630000	23.280000	25.080000	24.060000	0.000000
487	24.020000	24.640000	23.290000	25.080000	24.070000	0.000000
488	24.200000	24.650000	23.300000	25.070000	24.070000	0.000000
489	24.100000	24.640000	23.290000	25.070000	24.080000	0.000000
490	24.070000	24.620000	23.270000	25.060000	24.080000	0.000000
491	24.070000	24.620000	23.260000	25.060000	24.080000	0.000000
492	24.080000	24.610000	23.260000	25.050000	24.080000	0.000000
493	24.080000	24.620000	23.260000	25.050000	24.080000	0.000000
494	24.120000	24.600000	23.250000	25.040000	24.080000	0.000000
495	24.140000	24.510000	23.240000	25.040000	24.060000	0.000000
496	24.210000	24.350000	23.230000	25.040000	24.030000	0.000000
497	24.110000	24.090000	23.200000	25.030000	23.950000	0.000000
498	24.070000	24.140000	23.170000	25.020000	23.930000	0.000000
499	24.130000	24.230000	23.160000	25.020000	23.930000	0.000000
500	24.070000	24.370000	23.210000	25.010000	23.940000	0.000000
501	24.140000	24.560000	23.310000	25.010000	23.990000	0.000000
502	24.080000	24.750000	23.420000	25.000000	24.050000	0.000000
503	24.140000	24.830000	23.480000	25.000000	24.100000	0.000000
504	24.190000	24.870000	23.500000	25.000000	24.130000	0.000000
505	24.060000	24.820000	23.470000	24.990000	24.160000	0.000000
506	24.110000	24.790000	23.420000	24.990000	24.160000	0.000000
507	24.130000	24.730000	23.360000	24.990000	24.160000	-0.500000
508	24.030000	24.670000	23.310000	24.980000	24.140000	-0.500000
509	24.070000	24.650000	23.310000	24.980000	24.140000	-0.500000
510	23.990000	24.690000	23.360000	24.970000	24.150000	-0.500000
511	24.120000	24.790000	23.450000	24.970000	24.180000	0.000000
512	24.120000	24.880000	23.530000	24.970000	24.210000	-0.500000
513	24.160000	24.930000	23.580000	24.970000	24.250000	-0.500000
514	24.190000	24.920000	23.580000	24.970000	24.280000	-0.500000
515	24.150000	24.910000	23.550000	24.970000	24.280000	-0.500000
516	24.120000	24.840000	23.490000	24.960000	24.280000	-0.500000
517	24.120000	24.720000	23.440000	24.960000	24.260000	-0.500000
518	24.110000	24.550000	23.430000	24.960000	24.230000	-0.500000
519	24.150000	24.260000	23.370000	24.960000	24.150000	-0.500000
520	24.060000	24.300000	23.320000	24.960000	24.120000	-0.500000
521	24.180000	24.360000	23.290000	24.950000	24.100000	0.000000
522	24.060000	24.440000	23.270000	24.950000	24.100000	0.000000
523	24.090000	24.510000	23.250000	24.950000	24.090000	0.000000
524	24.070000	24.590000	23.230000	24.940000	24.100000	0.000000
525	24.110000	24.580000	23.220000	24.940000	24.090000	0.000000
526	24.040000	24.610000	23.260000	24.930000	24.090000	0.000000
527	24.090000	24.660000	23.330000	24.930000	24.110000	0.000000
528	24.040000	24.760000	23.420000	24.930000	24.130000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
485	0.000000	1.350000	0.000000
486	0.000000	1.350000	0.000000
487	0.000000	1.350000	0.000000
488	0.000000	1.350000	0.000000
489	0.000000	1.350000	0.000000
490	0.000000	1.350000	0.000000
491	0.000000	1.360000	0.000000
492	0.000000	1.350000	0.000000
493	0.000000	1.360000	0.000000
494	0.000000	1.350000	0.000000
495	0.000000	1.270000	0.000000
496	0.000000	1.120000	0.000000
497	0.000000	0.890000	0.000000
498	0.000000	0.970000	0.000000
499	0.000000	1.070000	0.000000
500	0.000000	1.160000	0.000000
501	0.000000	1.250000	0.000000
502	0.000000	1.330000	0.000000
503	0.000000	1.350000	0.000000
504	0.000000	1.370000	0.000000
505	0.000000	1.350000	0.000000
506	0.000000	1.370000	0.000000
507	0.000000	1.370000	0.000000
508	0.000000	1.360000	0.000000
509	0.000000	1.340000	0.000000
510	0.000000	1.330000	0.000000
511	0.000000	1.340000	0.000000
512	0.000000	1.350000	0.000000
513	-0.500000	1.350000	0.000000
514	-0.500000	1.340000	0.000000
515	-0.500000	1.360000	0.000000
516	-0.500000	1.350000	0.000000
517	-0.500000	1.280000	0.000000
518	-0.500000	1.120000	0.000000
519	-0.500000	0.890000	0.000000
520	0.000000	0.980000	0.000000
521	0.000000	1.070000	0.000000
522	0.000000	1.170000	0.000000
523	0.000000	1.260000	0.000000
524	0.000000	1.360000	0.000000
525	0.000000	1.360000	0.000000
526	0.000000	1.350000	0.000000
527	0.000000	1.330000	0.000000
528	0.000000	1.340000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
529	18:40:28	150.310000	1.680000	0.070000	-5.580000	0.120000
530	18:46:20	150.309000	1.750000	0.090000	-5.590000	0.030000
531	18:52:12	150.309000	1.680000	0.060000	-5.540000	0.060000
532	18:58:04	150.310000	1.830000	0.030000	-5.740000	0.100000
533	19:03:56	150.309000	1.800000	0.080000	-5.750000	0.050000
534	19:09:47	150.310000	1.660000	0.050000	-5.740000	0.030000
535	19:15:39	150.309000	1.600000	0.030000	-5.600000	0.070000
536	19:21:31	150.310000	1.700000	0.060000	-5.590000	0.130000
537	19:27:22	150.309000	1.560000	0.030000	-5.520000	0.050000
538	19:33:14	150.310000	1.640000	0.100000	-5.640000	0.060000
539						
540	19:40:16	120.283000	0.630000	0.050000	-4.180000	0.040000
541	19:46:11	126.257000	0.960000	0.070000	-4.310000	0.120000
542	19:52:06	132.331000	1.160000	0.040000	-4.450000	0.070000
543	19:58:01	138.286000	1.340000	0.050000	-4.810000	0.030000
544	20:03:56	144.313000	1.470000	0.020000	-5.140000	0.080000
545	20:09:52	150.310000	1.540000	0.100000	-5.370000	0.040000
546	20:15:43	150.309000	1.600000	0.020000	-5.570000	0.030000
547	20:21:36	150.310000	1.620000	0.070000	-5.470000	0.060000
548	20:27:56	150.310000	1.700000	0.030000	-5.480000	0.050000
549	20:33:47	150.310000	1.530000	0.060000	-5.600000	0.060000
550	20:39:39	150.310000	1.680000	0.080000	-5.550000	0.060000
551	20:45:32	150.310000	1.530000	0.080000	-5.550000	0.090000
552	20:51:23	150.310000	1.640000	0.060000	-5.410000	0.040000
553	20:57:16	150.309000	1.610000	0.050000	-5.560000	0.060000
554	21:03:08	150.310000	1.500000	0.040000	-5.500000	0.030000
555	21:09:00	150.311000	1.690000	0.050000	-5.420000	0.030000
556	21:14:53	150.310000	1.740000	0.040000	-5.630000	0.060000
557	21:20:45	150.311000	1.650000	0.010000	-5.490000	0.030000
558	21:26:37	150.310000	1.740000	0.050000	-5.500000	0.050000
559	21:32:29	150.311000	1.740000	0.090000	-5.400000	0.060000
560	21:38:21	150.310000	1.740000	0.070000	-5.310000	0.050000
561						
562	21:45:23	120.284000	0.670000	0.060000	-3.710000	0.040000
563	21:51:19	126.258000	1.060000	0.060000	-3.660000	0.110000
564	21:57:14	132.331000	1.220000	0.050000	-3.970000	0.090000
565	22:03:10	138.288000	1.280000	0.020000	-4.080000	0.040000
566	22:09:06	144.314000	1.490000	0.030000	-4.560000	0.050000
567	22:15:03	150.310000	1.600000	0.050000	-5.080000	0.020000
568	22:20:55	150.310000	1.520000	0.020000	-5.170000	0.040000
569	22:26:48	150.310000	1.610000	0.040000	-5.200000	0.020000
570	22:32:40	150.310000	1.550000	0.050000	-5.100000	0.040000
571	22:38:33	150.310000	1.610000	0.040000	-5.090000	0.030000
572	22:44:26	150.311000	1.630000	0.050000	-5.000000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
529	24.110000	24.840000	23.480000	24.930000	24.170000	0.000000
530	24.120000	24.840000	23.490000	24.920000	24.190000	0.000000
531	24.080000	24.800000	23.450000	24.920000	24.200000	-0.500000
532	24.140000	24.740000	23.380000	24.910000	24.190000	-0.500000
533	24.030000	24.670000	23.310000	24.910000	24.180000	-0.500000
534	23.980000	24.600000	23.230000	24.910000	24.150000	-0.500000
535	24.090000	24.560000	23.200000	24.900000	24.120000	-0.500000
536	24.020000	24.580000	23.240000	24.900000	24.120000	0.000000
537	24.000000	24.650000	23.310000	24.890000	24.130000	0.000000
538	24.000000	24.750000	23.420000	24.890000	24.160000	0.000000
539	24.050000	24.730000	23.470000	24.880000	24.170000	-0.500000
540	23.990000	24.570000	23.470000	24.880000	24.150000	-0.500000
541	24.080000	24.310000	23.410000	24.880000	24.090000	-0.500000
542	24.000000	24.290000	23.310000	24.880000	24.060000	0.000000
543	24.020000	24.270000	23.210000	24.880000	24.030000	0.000000
544	24.060000	24.330000	23.170000	24.880000	24.020000	0.000000
545	24.140000	24.460000	23.210000	24.880000	24.020000	0.000000
546	24.080000	24.630000	23.290000	24.880000	24.050000	0.000000
547	24.150000	24.730000	23.380000	24.890000	24.080000	0.000000
548	24.120000	24.790000	23.430000	24.900000	24.120000	0.000000
549	24.100000	24.730000	23.380000	24.900000	24.120000	0.000000
550	24.080000	24.640000	23.270000	24.900000	24.110000	-0.500000
551	24.190000	24.540000	23.180000	24.910000	24.080000	-0.500000
552	24.130000	24.480000	23.140000	24.910000	24.050000	0.000000
553	24.150000	24.510000	23.150000	24.920000	24.030000	0.000000
554	24.230000	24.550000	23.200000	24.930000	24.040000	0.000000
555	24.090000	24.600000	23.260000	24.930000	24.050000	0.000000
556	24.250000	24.640000	23.280000	24.940000	24.060000	0.000000
557	24.210000	24.590000	23.220000	24.940000	24.050000	0.000000
558	24.220000	24.480000	23.110000	24.950000	24.020000	0.000000
559	24.160000	24.390000	23.030000	24.960000	23.980000	0.000000
560	24.060000	24.360000	23.010000	24.960000	23.950000	0.000000
561	24.190000	24.290000	23.010000	24.970000	23.910000	0.000000
562	24.110000	24.130000	23.010000	24.970000	23.890000	0.000000
563	24.190000	23.940000	23.050000	24.970000	23.810000	0.000000
564	24.200000	24.100000	23.140000	24.970000	23.830000	0.000000
565	24.220000	24.300000	23.240000	24.980000	23.850000	0.000000
566	24.180000	24.470000	23.310000	24.980000	23.900000	0.000000
567	24.200000	24.630000	23.370000	24.990000	23.950000	0.000000
568	24.230000	24.740000	23.380000	24.990000	24.000000	0.000000
569	24.210000	24.660000	23.290000	24.990000	24.010000	0.000000
570	24.180000	24.530000	23.170000	24.990000	23.990000	0.000000
571	24.120000	24.400000	23.040000	25.000000	23.950000	0.000000
572	24.240000	24.320000	22.960000	25.010000	23.910000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
529	0.000000	1.360000	0.000000
530	0.000000	1.350000	0.000000
531	-0.500000	1.350000	0.000000
532	-0.500000	1.360000	0.000000
533	-0.500000	1.360000	0.000000
534	-0.500000	1.370000	0.000000
535	-0.500000	1.360000	0.000000
536	0.000000	1.340000	0.000000
537	0.000000	1.340000	0.000000
538	0.000000	1.330000	0.000000
539	0.000000	1.260000	0.000000
540	0.000000	1.100000	0.000000
541	0.000000	0.900000	0.000000
542	0.000000	0.980000	0.000000
543	0.000000	1.060000	0.000000
544	0.000000	1.160000	0.000000
545	0.000000	1.250000	0.000000
546	0.000000	1.340000	0.000000
547	0.000000	1.350000	0.000000
548	0.000000	1.360000	0.000000
549	0.000000	1.350000	0.000000
550	0.000000	1.370000	0.000000
551	0.000000	1.360000	0.000000
552	0.000000	1.340000	0.000000
553	0.000000	1.360000	0.000000
554	0.000000	1.350000	0.000000
555	0.000000	1.340000	0.000000
556	0.000000	1.360000	0.000000
557	0.000000	1.370000	0.000000
558	0.000000	1.370000	0.000000
559	0.000000	1.360000	0.000000
560	0.000000	1.350000	0.000000
561	0.000000	1.280000	0.000000
562	0.000000	1.120000	0.000000
563	0.000000	0.890000	0.000000
564	0.500000	0.960000	0.000000
565	0.500000	1.060000	0.000000
566	0.500000	1.160000	0.000000
567	0.000000	1.260000	0.000000
568	0.000000	1.360000	0.000000
569	0.000000	1.370000	0.000000
570	0.000000	1.360000	0.000000
571	0.000000	1.360000	0.000000
572	0.000000	1.360000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
573	22:50:18	150.311000	1.700000	0.070000	-4.960000	0.040000
574	22:56:11	150.311000	1.560000	0.050000	-4.940000	0.050000
575	23:02:04	150.310000	1.650000	0.020000	-4.910000	0.070000
576	23:07:56	150.311000	1.500000	0.040000	-4.790000	0.080000
577	23:13:48	150.310000	1.500000	0.010000	-4.860000	0.050000
578	23:19:40	150.310000	1.560000	0.070000	-5.050000	0.090000
579	23:25:31	150.311000	1.540000	0.020000	-5.210000	0.030000
580	23:31:23	150.311000	1.540000	0.050000	-5.130000	0.030000
581	23:37:15	150.311000	1.540000	0.050000	-4.960000	0.060000
582	23:43:06	150.311000	1.700000	0.050000	-4.900000	0.090000
583						
584	23:50:07	120.283000	0.760000	0.040000	-3.220000	0.090000
585	23:56:03	126.258000	1.270000	0.030000	-3.300000	0.050000
586	00:01:58	132.331000	1.370000	0.070000	-3.670000	0.040000
587	00:07:53	138.287000	1.440000	0.040000	-4.020000	0.100000
588	00:13:50	144.314000	1.570000	0.040000	-4.470000	0.070000
589	00:19:47	150.310000	1.590000	0.010000	-4.670000	0.030000
590	00:25:40	150.311000	1.630000	0.040000	-4.710000	0.060000
591	00:31:33	150.311000	1.610000	0.040000	-4.720000	0.060000
592	00:37:25	150.311000	1.660000	0.070000	-4.700000	0.050000
593	00:43:17	150.310000	1.740000	0.040000	-4.940000	0.100000
594	00:49:10	150.311000	1.510000	0.050000	-4.920000	0.070000
595	00:55:02	150.311000	1.500000	0.100000	-4.860000	0.070000
596	01:00:55	150.311000	1.160000	0.800000	-5.040000	0.420000
597	01:07:16	150.311000	1.700000	0.030000	-4.840000	0.020000
598	01:13:09	150.310000	1.690000	0.040000	-4.860000	0.020000
599	01:19:03	150.311000	1.660000	0.030000	-4.970000	0.060000
600	01:24:56	150.311000	1.650000	0.050000	-5.040000	0.050000
601	01:30:49	150.310000	1.670000	0.070000	-4.770000	0.060000
602	01:36:42	150.311000	1.410000	0.030000	-4.860000	0.060000
603	01:42:35	150.311000	1.470000	0.090000	-4.840000	0.060000
604	01:48:28	150.311000	1.600000	0.060000	-4.750000	0.090000
605						
606	01:55:31	120.285000	0.570000	0.050000	-3.190000	0.080000
607	02:01:27	126.257000	0.880000	0.030000	-3.150000	0.090000
608	02:07:25	132.332000	1.300000	0.040000	-3.510000	0.050000
609	02:13:22	138.288000	1.510000	0.060000	-3.750000	0.080000
610	02:19:19	144.314000	1.880000	0.070000	-4.140000	0.040000
611	02:25:16	150.311000	1.680000	0.050000	-4.490000	0.050000
612	02:31:10	150.310000	1.670000	0.020000	-4.550000	0.060000
613	02:37:02	150.311000	1.570000	0.040000	-4.590000	0.070000
614	02:42:56	150.312000	1.660000	0.020000	-4.710000	0.060000
615	02:48:49	150.311000	1.610000	0.030000	-4.590000	0.040000
616	02:54:43	150.311000	1.710000	0.020000	-4.760000	0.030000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
573	24.210000	24.320000	22.960000	25.010000	23.890000	0.000000
574	24.160000	24.380000	23.030000	25.020000	23.890000	0.000000
575	24.250000	24.490000	23.150000	25.030000	23.900000	0.000000
576	24.360000	24.640000	23.290000	25.040000	23.950000	0.000000
577	24.340000	24.740000	23.400000	25.040000	24.000000	0.000000
578	24.270000	24.770000	23.410000	25.040000	24.050000	0.000000
579	24.270000	24.690000	23.320000	25.050000	24.050000	0.000000
580	24.180000	24.530000	23.170000	25.050000	24.010000	0.000000
581	24.240000	24.420000	23.060000	25.050000	23.980000	0.000000
582	24.200000	24.360000	22.990000	25.050000	23.940000	0.000000
583	24.160000	24.260000	22.980000	25.050000	23.900000	0.000000
584	24.250000	24.100000	22.980000	25.050000	23.870000	0.000000
585	24.220000	23.880000	22.980000	25.060000	23.790000	0.000000
586	24.160000	23.980000	23.010000	25.060000	23.770000	0.000000
587	24.180000	24.120000	23.060000	25.050000	23.780000	0.000000
588	24.210000	24.260000	23.090000	25.060000	23.800000	0.000000
589	24.230000	24.360000	23.080000	25.050000	23.820000	0.000000
590	24.210000	24.380000	23.010000	25.050000	23.820000	0.000000
591	24.210000	24.310000	22.940000	25.050000	23.800000	0.000000
592	24.100000	24.280000	22.920000	25.050000	23.790000	0.000000
593	24.180000	24.290000	22.930000	25.050000	23.780000	0.000000
594	24.130000	24.320000	22.970000	25.050000	23.780000	0.000000
595	24.220000	24.350000	23.000000	25.050000	23.790000	0.000000
596	24.180000	24.390000	23.030000	25.050000	23.800000	0.000000
597	24.200000	24.420000	23.070000	25.040000	23.820000	0.000000
598	24.160000	24.470000	23.120000	25.050000	23.840000	0.000000
599	24.270000	24.490000	23.140000	25.050000	23.860000	0.000000
600	24.160000	24.450000	23.090000	25.050000	23.870000	0.000000
601	24.270000	24.340000	22.980000	25.050000	23.840000	0.000000
602	24.100000	24.250000	22.880000	25.050000	23.800000	0.000000
603	24.150000	24.180000	22.820000	25.050000	23.770000	0.000000
604	24.170000	24.170000	22.800000	25.060000	23.740000	0.000000
605	24.130000	24.110000	22.830000	25.060000	23.710000	0.000000
606	24.130000	23.950000	22.830000	25.060000	23.680000	0.000000
607	24.120000	23.770000	22.880000	25.060000	23.620000	0.000000
608	24.140000	23.920000	22.950000	25.050000	23.620000	0.000000
609	24.180000	24.070000	23.000000	25.050000	23.640000	0.000000
610	24.120000	24.200000	23.020000	25.050000	23.680000	0.000000
611	24.050000	24.300000	23.030000	25.050000	23.700000	0.000000
612	24.060000	24.380000	23.010000	25.040000	23.740000	0.000000
613	24.140000	24.360000	23.000000	25.040000	23.750000	0.000000
614	24.130000	24.360000	22.990000	25.040000	23.750000	0.000000
615	24.170000	24.360000	23.000000	25.030000	23.760000	0.000000
616	24.250000	24.380000	23.020000	25.040000	23.780000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
573	0.000000	1.360000	0.000000
574	0.000000	1.350000	0.000000
575	0.000000	1.340000	0.000000
576	0.000000	1.350000	0.000000
577	0.000000	1.340000	0.000000
578	0.000000	1.360000	0.000000
579	0.000000	1.370000	0.000000
580	0.000000	1.360000	0.000000
581	0.000000	1.360000	0.000000
582	0.000000	1.370000	0.000000
583	0.000000	1.280000	0.000000
584	0.000000	1.120000	0.000000
585	0.500000	0.900000	0.000000
586	0.500000	0.970000	0.000000
587	0.500000	1.060000	0.000000
588	0.500000	1.170000	0.000000
589	0.500000	1.280000	0.000000
590	0.500000	1.370000	0.000000
591	0.500000	1.370000	0.000000
592	0.500000	1.360000	0.000000
593	0.500000	1.360000	0.000000
594	0.500000	1.350000	0.000000
595	0.500000	1.350000	0.000000
596	0.500000	1.360000	0.000000
597	0.500000	1.350000	0.000000
598	0.500000	1.350000	0.000000
599	0.000000	1.350000	0.000000
600	0.000000	1.360000	0.000000
601	0.000000	1.360000	0.000000
602	0.000000	1.370000	0.000000
603	0.000000	1.360000	0.000000
604	0.000000	1.370000	0.000000
605	0.500000	1.280000	0.000000
606	0.500000	1.120000	0.000000
607	0.500000	0.890000	0.000000
608	0.500000	0.970000	0.000000
609	0.500000	1.070000	0.000000
610	0.500000	1.180000	0.000000
611	0.500000	1.270000	0.000000
612	0.500000	1.370000	0.000000
613	0.500000	1.360000	0.000000
614	0.500000	1.370000	0.000000
615	0.500000	1.360000	0.000000
616	0.500000	1.360000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
617	03:00:36	150.311000	1.750000	0.060000	-4.760000	0.080000
618	03:06:29	150.310000	1.640000	0.050000	-4.770000	0.060000
619	03:12:23	150.312000	1.690000	0.070000	-4.650000	0.040000
620	03:18:16	150.311000	1.680000	0.090000	-4.720000	0.050000
621	03:24:09	150.311000	1.620000	0.070000	-4.770000	0.080000
622	03:30:03	150.311000	1.780000	0.040000	-4.820000	0.030000
623	03:35:55	150.310000	1.800000	0.030000	-4.510000	0.060000
624	03:41:48	150.311000	1.970000	0.030000	-4.540000	0.040000
625	03:47:41	150.312000	2.050000	0.070000	-4.650000	0.080000
626	03:53:34	150.311000	1.850000	0.070000	-4.570000	0.100000
627						
628	04:00:38	120.284000	0.690000	0.030000	-3.130000	0.040000
629	04:06:35	126.258000	1.020000	0.030000	-3.180000	0.040000
630	04:12:33	132.331000	1.410000	0.070000	-3.580000	0.060000
631	04:18:24	138.287000	1.540000	0.040000	-3.910000	0.050000
632	04:24:15	144.314000	1.820000	0.010000	-4.400000	0.020000
633	04:30:07	150.310000	1.940000	0.030000	-4.560000	0.070000
634	04:35:55	150.311000	1.890000	0.030000	-4.400000	0.080000
635	04:41:43	150.312000	1.770000	0.020000	-4.480000	0.060000
636	04:47:31	150.311000	1.790000	0.070000	-4.590000	0.040000
637	04:53:18	150.311000	1.810000	0.030000	-4.400000	0.080000
638	04:59:06	150.311000	1.820000	0.040000	-4.420000	0.040000
639	05:04:54	150.311000	1.800000	0.070000	-4.420000	0.080000
640	05:10:42	150.311000	1.860000	0.040000	-4.290000	0.030000
641	05:16:30	150.311000	1.780000	0.040000	-4.470000	0.140000
642	05:22:18	150.312000	1.800000	0.030000	-4.590000	0.060000
643	05:28:06	150.311000	1.820000	0.090000	-4.680000	0.060000
644	05:33:55	150.311000	1.790000	0.060000	-4.720000	0.030000
645	05:39:43	150.311000	1.740000	0.080000	-4.630000	0.080000
646	05:45:32	150.311000	1.750000	0.050000	-4.760000	0.050000
647	05:51:21	150.311000	1.840000	0.030000	-4.700000	0.060000
648	05:57:11	150.311000	1.930000	0.040000	-4.830000	0.050000
649						
650	06:04:10	120.285000	0.690000	0.080000	-3.230000	0.050000
651	06:10:03	126.257000	1.150000	0.050000	-3.290000	0.050000
652	06:15:55	132.332000	1.240000	0.050000	-3.580000	0.070000
653	06:21:48	138.288000	1.490000	0.040000	-3.800000	0.050000
654	06:27:41	144.314000	1.850000	0.040000	-4.190000	0.020000
655	06:33:34	150.311000	1.880000	0.090000	-4.700000	0.090000
656	06:39:23	150.311000	1.820000	0.030000	-4.520000	0.080000
657	06:45:13	150.311000	1.870000	0.080000	-4.740000	0.060000
658	06:51:02	150.312000	1.760000	0.020000	-4.750000	0.040000
659	06:56:52	150.311000	1.780000	0.090000	-4.900000	0.040000
660	07:02:42	150.312000	1.810000	0.080000	-4.720000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
617	24.150000	24.410000	23.060000	25.030000	23.790000	0.000000
618	24.180000	24.440000	23.080000	25.040000	23.810000	0.000000
619	24.150000	24.450000	23.090000	25.030000	23.820000	0.000000
620	24.180000	24.410000	23.040000	25.030000	23.820000	0.000000
621	24.170000	24.280000	22.900000	25.030000	23.790000	0.000000
622	24.140000	24.130000	22.740000	25.040000	23.740000	0.000000
623	24.180000	24.010000	22.650000	25.030000	23.680000	0.000000
624	24.110000	23.980000	22.620000	25.030000	23.630000	0.000000
625	24.120000	24.030000	22.680000	25.030000	23.620000	0.000000
626	24.120000	24.120000	22.760000	25.030000	23.620000	0.000000
627	24.100000	24.170000	22.910000	25.030000	23.630000	0.000000
628	24.080000	24.020000	22.920000	25.030000	23.610000	0.000000
629	24.140000	23.920000	23.020000	25.030000	23.590000	0.000000
630	24.130000	24.030000	23.060000	25.030000	23.620000	0.000000
631	24.100000	24.060000	22.970000	25.030000	23.620000	0.000000
632	24.020000	24.000000	22.820000	25.020000	23.600000	0.000000
633	24.090000	23.990000	22.700000	25.020000	23.580000	0.000000
634	24.040000	24.020000	22.640000	25.020000	23.560000	0.000000
635	24.090000	23.990000	22.620000	25.010000	23.540000	0.000000
636	24.110000	24.010000	22.640000	25.020000	23.530000	0.000000
637	24.130000	24.070000	22.720000	25.010000	23.530000	0.000000
638	24.090000	24.170000	22.810000	25.020000	23.560000	0.000000
639	24.170000	24.270000	22.900000	25.020000	23.590000	0.000000
640	24.220000	24.320000	22.950000	25.020000	23.630000	0.000000
641	24.170000	24.340000	22.970000	25.020000	23.660000	0.000000
642	24.230000	24.310000	22.940000	25.020000	23.670000	0.000000
643	24.200000	24.260000	22.900000	25.020000	23.670000	0.000000
644	24.080000	24.250000	22.890000	25.020000	23.670000	0.000000
645	24.140000	24.260000	22.900000	25.020000	23.680000	0.000000
646	24.210000	24.270000	22.910000	25.030000	23.690000	0.000000
647	24.050000	24.300000	22.930000	25.030000	23.700000	0.000000
648	24.090000	24.310000	22.950000	25.020000	23.710000	0.000000
649	24.090000	24.250000	22.960000	25.030000	23.710000	0.000000
650	24.120000	24.090000	22.960000	25.030000	23.680000	0.000000
651	24.140000	23.860000	22.950000	25.040000	23.620000	0.000000
652	24.170000	23.940000	22.960000	25.030000	23.620000	0.000000
653	24.160000	24.030000	22.960000	25.030000	23.640000	0.000000
654	24.050000	24.140000	22.970000	25.030000	23.650000	0.000000
655	24.160000	24.270000	22.990000	25.030000	23.680000	0.000000
656	24.190000	24.370000	23.010000	25.040000	23.720000	0.000000
657	24.200000	24.400000	23.040000	25.040000	23.740000	0.000000
658	24.270000	24.400000	23.040000	25.040000	23.760000	0.000000
659	24.220000	24.410000	23.030000	25.040000	23.780000	0.000000
660	24.260000	24.380000	23.000000	25.050000	23.780000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
617	0.500000	1.350000	0.000000
618	0.000000	1.360000	0.000000
619	0.000000	1.360000	0.000000
620	0.000000	1.370000	0.000000
621	0.000000	1.380000	0.000000
622	0.000000	1.390000	0.000000
623	0.000000	1.360000	0.000000
624	0.500000	1.360000	0.000000
625	0.500000	1.350000	0.000000
626	0.500000	1.360000	0.000000
627	0.500000	1.260000	0.000000
628	0.500000	1.100000	0.000000
629	0.500000	0.900000	0.000000
630	0.500000	0.970000	0.000000
631	0.500000	1.090000	0.000000
632	0.500000	1.180000	0.000000
633	0.500000	1.290000	0.000000
634	0.500000	1.380000	0.000000
635	0.500000	1.370000	0.000000
636	0.500000	1.370000	0.000000
637	0.500000	1.350000	0.000000
638	0.500000	1.360000	0.000000
639	0.500000	1.370000	0.000000
640	0.500000	1.370000	0.000000
641	0.500000	1.370000	0.000000
642	0.500000	1.370000	0.000000
643	0.500000	1.360000	0.000000
644	0.500000	1.360000	0.000000
645	0.500000	1.360000	0.000000
646	0.500000	1.360000	0.000000
647	0.500000	1.370000	0.000000
648	0.500000	1.360000	0.000000
649	0.500000	1.290000	0.000000
650	0.500000	1.130000	0.000000
651	0.500000	0.910000	0.000000
652	0.500000	0.980000	0.000000
653	0.500000	1.070000	0.000000
654	0.500000	1.170000	0.000000
655	0.500000	1.280000	0.000000
656	0.500000	1.360000	0.000000
657	0.500000	1.360000	0.000000
658	0.500000	1.360000	0.000000
659	0.500000	1.380000	0.000000
660	0.000000	1.380000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
661	07:08:31	150.312000	1.730000	0.040000	-4.780000	0.020000
662	07:14:21	150.311000	1.610000	0.060000	-4.560000	0.080000
663	07:20:11	150.312000	1.700000	0.050000	-4.570000	0.060000
664	07:26:00	150.311000	1.730000	0.030000	-4.520000	0.030000
665	07:31:50	150.310000	1.750000	0.040000	-4.500000	0.040000
666	07:37:40	150.311000	1.650000	0.060000	-4.640000	0.070000
667	07:43:30	150.312000	1.820000	0.050000	-4.540000	0.060000
668	07:49:20	150.312000	1.860000	0.030000	-4.410000	0.050000
669	07:55:10	150.312000	1.950000	0.040000	-4.350000	0.070000
670	08:00:59	150.312000	1.860000	0.030000	-4.510000	0.030000
671						
672	08:07:59	120.285000	0.940000	0.080000	-3.020000	0.060000
673	08:13:53	126.259000	1.240000	0.040000	-3.180000	0.080000
674	08:19:46	132.332000	1.460000	0.020000	-3.510000	0.040000
675	08:25:40	138.287000	1.590000	0.040000	-3.780000	0.050000
676	08:31:34	144.315000	1.740000	0.130000	-4.170000	0.040000
677	08:37:28	150.312000	1.810000	0.030000	-4.550000	0.040000
678	08:43:18	150.312000	1.780000	0.030000	-4.530000	0.040000
679	08:49:08	150.312000	1.800000	0.030000	-4.660000	0.070000
680	08:54:58	150.311000	1.800000	0.030000	-4.630000	0.070000
681	09:00:48	150.312000	1.840000	0.040000	-4.660000	0.040000
682	09:06:38	150.311000	1.660000	0.100000	-4.580000	0.070000
683	09:12:29	150.312000	1.720000	0.070000	-4.660000	0.060000
684	09:18:18	150.312000	1.740000	0.050000	-4.660000	0.040000
685	09:24:09	150.312000	1.710000	0.050000	-4.670000	0.080000
686	09:29:59	150.311000	1.690000	0.030000	-4.760000	0.060000
687	09:35:49	150.311000	1.760000	0.020000	-4.630000	0.060000
688	09:41:40	150.312000	1.820000	0.050000	-4.720000	0.070000
689	09:47:30	150.312000	1.700000	0.040000	-4.850000	0.060000
690	09:53:20	150.312000	1.620000	0.030000	-4.810000	0.070000
691	09:59:11	150.311000	1.560000	0.050000	-4.750000	0.090000
692	10:05:01	150.312000	1.700000	0.060000	-4.570000	0.060000
693						
694	10:12:01	120.286000	0.700000	0.040000	-3.150000	0.050000
695	10:17:54	126.258000	1.060000	0.050000	-2.960000	0.050000
696	10:23:49	132.333000	1.280000	0.110000	-3.240000	0.060000
697	10:29:42	138.288000	1.510000	0.040000	-3.910000	0.030000
698	10:35:36	144.315000	1.470000	0.060000	-4.280000	0.030000
699	10:41:30	150.312000	1.740000	0.050000	-4.790000	0.080000
700	10:47:21	150.312000	1.610000	0.050000	-4.860000	0.080000
701	10:53:11	150.312000	1.540000	0.040000	-4.650000	0.030000
702	10:59:01	150.312000	1.630000	0.060000	-4.820000	0.060000
703	11:04:51	150.311000	1.720000	0.040000	-4.940000	0.020000
704	11:10:42	150.311000	1.600000	0.030000	-4.880000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
661	24.310000	24.350000	22.950000	25.060000	23.770000	0.000000
662	24.230000	24.320000	22.930000	25.070000	23.760000	0.000000
663	24.300000	24.340000	22.960000	25.070000	23.760000	0.000000
664	24.210000	24.370000	23.010000	25.080000	23.780000	0.000000
665	24.240000	24.430000	23.040000	25.090000	23.790000	0.000000
666	24.290000	24.410000	23.040000	25.090000	23.800000	0.000000
667	24.260000	24.390000	23.020000	25.090000	23.810000	0.000000
668	24.390000	24.390000	23.010000	25.100000	23.810000	0.000000
669	24.280000	24.380000	23.010000	25.110000	23.810000	0.000000
670	24.280000	24.380000	23.010000	25.110000	23.810000	0.000000
671	24.310000	24.320000	23.030000	25.110000	23.800000	0.000000
672	24.310000	24.150000	23.030000	25.110000	23.770000	0.000000
673	24.380000	23.940000	23.030000	25.120000	23.720000	0.000000
674	24.210000	24.020000	23.050000	25.110000	23.710000	0.000000
675	24.230000	24.150000	23.070000	25.110000	23.730000	0.000000
676	24.250000	24.280000	23.120000	25.110000	23.760000	0.000000
677	24.220000	24.420000	23.150000	25.120000	23.800000	0.000000
678	24.260000	24.540000	23.180000	25.120000	23.840000	0.000000
679	24.320000	24.560000	23.200000	25.120000	23.870000	0.000000
680	24.280000	24.570000	23.210000	25.130000	23.900000	0.000000
681	24.160000	24.550000	23.190000	25.120000	23.910000	0.000000
682	24.340000	24.520000	23.160000	25.130000	23.910000	0.000000
683	24.350000	24.540000	23.180000	25.130000	23.930000	0.000000
684	24.370000	24.570000	23.210000	25.140000	23.950000	0.000000
685	24.300000	24.610000	23.250000	25.130000	23.960000	0.000000
686	24.370000	24.650000	23.300000	25.140000	23.990000	0.000000
687	24.250000	24.680000	23.330000	25.150000	24.020000	0.000000
688	24.350000	24.670000	23.310000	25.150000	24.040000	0.000000
689	24.360000	24.590000	23.200000	25.150000	24.030000	0.000000
690	24.230000	24.450000	23.080000	25.150000	23.980000	0.000000
691	24.350000	24.350000	22.960000	25.160000	23.940000	0.000000
692	24.340000	24.310000	22.930000	25.160000	23.900000	0.000000
693	24.210000	24.270000	22.990000	25.160000	23.880000	0.000000
694	24.260000	24.120000	23.010000	25.160000	23.850000	0.000000
695	24.330000	24.010000	23.120000	25.160000	23.800000	0.000000
696	24.350000	24.250000	23.290000	25.160000	23.850000	0.000000
697	24.290000	24.510000	23.460000	25.160000	23.910000	0.000000
698	24.350000	24.710000	23.540000	25.170000	23.990000	0.000000
699	24.260000	24.780000	23.510000	25.170000	24.050000	0.000000
700	24.380000	24.770000	23.390000	25.170000	24.080000	0.000000
701	24.390000	24.670000	23.310000	25.170000	24.070000	0.000000
702	24.260000	24.630000	23.270000	25.170000	24.060000	0.000000
703	24.420000	24.660000	23.300000	25.180000	24.070000	0.000000
704	24.340000	24.730000	23.380000	25.190000	24.100000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	Itage across termin
661	0.000000	1.400000	0.000000
662	0.000000	1.390000	0.000000
663	0.000000	1.380000	0.000000
664	0.000000	1.360000	0.000000
665	0.000000	1.390000	0.000000
666	0.000000	1.370000	0.000000
667	0.000000	1.370000	0.000000
668	0.000000	1.380000	0.000000
669	0.000000	1.370000	0.000000
670	0.000000	1.370000	0.000000
671	0.000000	1.290000	0.000000
672	0.500000	1.120000	0.000000
673	0.500000	0.910000	0.000000
674	0.500000	0.970000	0.000000
675	0.500000	1.080000	0.000000
676	0.500000	1.160000	0.000000
677	0.500000	1.270000	0.000000
678	0.500000	1.360000	0.000000
679	0.000000	1.360000	0.000000
680	0.000000	1.360000	0.000000
681	0.000000	1.360000	0.000000
682	0.000000	1.360000	0.000000
683	0.000000	1.360000	0.000000
684	0.000000	1.360000	0.000000
685	0.000000	1.360000	0.000000
686	0.000000	1.350000	0.000000
687	0.000000	1.350000	0.000000
688	0.000000	1.360000	0.000000
689	0.000000	1.390000	0.000000
690	0.000000	1.370000	0.000000
691	0.000000	1.390000	0.000000
692	0.000000	1.380000	0.000000
693	0.000000	1.280000	0.000000
694	0.000000	1.110000	0.000000
695	0.500000	0.890000	0.000000
696	0.500000	0.960000	0.000000
697	0.500000	1.050000	0.000000
698	0.000000	1.170000	0.000000
699	0.000000	1.270000	0.000000
700	0.000000	1.380000	0.000000
701	0.000000	1.360000	0.000000
702	0.000000	1.360000	0.000000
703	0.000000	1.360000	0.000000
704	0.000000	1.350000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
705	11:16:32	150.313000	1.620000	0.040000	-5.000000	0.050000
706	11:22:22	150.313000	1.510000	0.040000	-4.920000	0.040000
707	11:28:12	150.312000	1.430000	0.030000	-4.950000	0.080000
708	11:34:04	150.312000	1.490000	0.060000	-4.840000	0.030000
709	11:39:54	150.313000	1.760000	0.050000	-4.850000	0.080000
710	11:45:45	150.312000	1.770000	0.020000	-4.910000	0.030000
711	11:51:36	150.313000	1.650000	0.080000	-4.960000	0.070000
712	11:57:26	150.313000	1.490000	0.030000	-5.080000	0.050000
713	12:03:17	150.312000	1.520000	0.030000	-5.050000	0.030000
714	12:09:07	150.312000	1.390000	0.030000	-4.880000	0.040000
715						
716	12:16:08	120.286000	0.660000	0.030000	-3.380000	0.040000
717	12:22:02	126.259000	1.100000	0.050000	-3.490000	0.060000
718	12:27:56	132.333000	1.390000	0.060000	-3.940000	0.090000
719	12:33:50	138.288000	1.400000	0.110000	-4.070000	0.060000
720	12:39:44	144.315000	1.360000	0.050000	-4.430000	0.090000
721	12:46:07	150.313000	1.550000	0.060000	-4.670000	0.080000
722	12:51:58	150.313000	1.660000	0.060000	-4.790000	0.040000
723	12:57:48	150.313000	1.760000	0.050000	-4.930000	0.050000
724	13:03:39	150.313000	1.830000	0.070000	-5.110000	0.030000
725	13:09:30	150.312000	1.660000	0.070000	-5.070000	0.040000
726	13:15:21	150.312000	1.610000	0.050000	-5.040000	0.080000
727	13:21:12	150.312000	1.560000	0.110000	-4.990000	0.040000
728	13:27:01	150.312000	1.720000	0.050000	-5.040000	0.020000
729	13:32:48	150.312000	1.650000	0.060000	-4.910000	0.020000
730	13:38:37	150.312000	1.740000	0.040000	-5.030000	0.010000
731	13:44:24	150.312000	1.710000	0.020000	-5.250000	0.030000
732	13:50:13	150.312000	1.590000	0.020000	-5.350000	0.030000
733	13:56:01	150.313000	1.720000	0.100000	-5.240000	0.060000
734	14:01:48	150.313000	1.770000	0.020000	-5.220000	0.030000
735	14:07:36	150.312000	1.740000	0.050000	-4.960000	0.060000
736	14:13:24	150.312000	1.810000	0.050000	-5.170000	0.030000
737						
738	14:20:20	120.285000	0.890000	0.040000	-3.560000	0.060000
739	14:26:12	126.259000	1.120000	0.060000	-3.690000	0.070000
740	14:32:04	132.332000	1.400000	0.040000	-3.920000	0.050000
741	14:37:55	138.288000	1.570000	0.040000	-4.350000	0.030000
742	14:43:47	144.314000	1.500000	0.030000	-4.690000	0.040000
743	14:49:38	150.312000	1.630000	0.050000	-5.110000	0.030000
744	14:55:27	150.312000	1.770000	0.040000	-5.210000	0.110000
745	15:01:15	150.312000	1.670000	0.040000	-5.310000	0.030000
746	15:07:04	150.312000	1.700000	0.040000	-5.140000	0.050000
747	15:12:52	150.312000	1.770000	0.050000	-5.250000	0.070000
748	15:18:41	150.311000	1.760000	0.050000	-5.300000	0.090000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
705	24.350000	24.820000	23.480000	25.190000	24.140000	0.000000
706	24.390000	24.870000	23.530000	25.200000	24.170000	0.000000
707	24.390000	24.860000	23.510000	25.200000	24.190000	0.000000
708	24.360000	24.790000	23.430000	25.200000	24.190000	-0.500000
709	24.430000	24.730000	23.350000	25.210000	24.180000	-0.500000
710	24.510000	24.700000	23.340000	25.220000	24.170000	0.000000
711	24.520000	24.750000	23.400000	25.220000	24.180000	0.000000
712	24.430000	24.830000	23.490000	25.220000	24.210000	0.000000
713	24.510000	24.940000	23.590000	25.230000	24.250000	0.000000
714	24.540000	25.000000	23.630000	25.230000	24.280000	-0.500000
715	24.530000	24.870000	23.580000	25.240000	24.280000	-0.500000
716	24.550000	24.700000	23.580000	25.240000	24.250000	-0.500000
717	24.390000	24.350000	23.450000	25.240000	24.170000	-0.500000
718	24.410000	24.320000	23.350000	25.240000	24.130000	0.000000
719	24.390000	24.380000	23.320000	25.230000	24.110000	0.000000
720	24.320000	24.500000	23.350000	25.230000	24.120000	0.000000
721	24.350000	24.680000	23.420000	25.220000	24.140000	0.000000
722	24.330000	24.830000	23.480000	25.220000	24.190000	0.000000
723	24.300000	24.840000	23.480000	25.210000	24.200000	0.000000
724	24.360000	24.800000	23.430000	25.200000	24.210000	0.000000
725	24.300000	24.720000	23.360000	25.200000	24.190000	0.000000
726	24.320000	24.670000	23.310000	25.190000	24.170000	0.000000
727	24.290000	24.680000	23.330000	25.180000	24.170000	0.000000
728	24.310000	24.740000	23.410000	25.180000	24.180000	0.000000
729	24.200000	24.840000	23.500000	25.170000	24.220000	0.000000
730	24.240000	24.880000	23.530000	25.170000	24.240000	0.000000
731	24.280000	24.890000	23.520000	25.160000	24.250000	0.000000
732	24.260000	24.830000	23.490000	25.150000	24.260000	-0.500000
733	24.340000	24.800000	23.450000	25.150000	24.260000	-0.500000
734	24.120000	24.750000	23.390000	25.140000	24.240000	-0.500000
735	24.250000	24.700000	23.340000	25.130000	24.220000	-0.500000
736	24.270000	24.670000	23.310000	25.130000	24.210000	-0.500000
737	24.180000	24.550000	23.280000	25.120000	24.170000	-0.500000
738	24.180000	24.380000	23.270000	25.110000	24.140000	0.000000
739	24.070000	24.170000	23.290000	25.110000	24.070000	0.000000
740	24.160000	24.330000	23.370000	25.100000	24.070000	0.000000
741	24.120000	24.540000	23.480000	25.090000	24.110000	0.000000
742	24.140000	24.710000	23.560000	25.080000	24.150000	0.000000
743	24.250000	24.830000	23.570000	25.080000	24.200000	0.000000
744	24.200000	24.900000	23.540000	25.070000	24.230000	0.000000
745	24.150000	24.860000	23.500000	25.060000	24.240000	-0.500000
746	24.150000	24.810000	23.460000	25.060000	24.240000	-0.500000
747	24.140000	24.780000	23.430000	25.050000	24.240000	-0.500000
748	24.210000	24.760000	23.410000	25.050000	24.240000	-0.500000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
705	0.000000	1.340000	0.000000
706	0.000000	1.340000	0.000000
707	0.000000	1.350000	0.000000
708	0.000000	1.360000	0.000000
709	-0.500000	1.380000	0.000000
710	0.000000	1.360000	0.000000
711	0.000000	1.350000	0.000000
712	0.000000	1.340000	0.000000
713	0.000000	1.350000	0.000000
714	-0.500000	1.370000	0.000000
715	-0.500000	1.290000	0.000000
716	-0.500000	1.120000	0.000000
717	0.000000	0.900000	0.000000
718	0.000000	0.970000	0.000000
719	0.000000	1.060000	0.000000
720	0.000000	1.150000	0.000000
721	0.000000	1.260000	0.000000
722	0.000000	1.350000	0.000000
723	0.000000	1.360000	0.000000
724	0.000000	1.370000	0.000000
725	0.000000	1.360000	0.000000
726	0.000000	1.360000	0.000000
727	0.000000	1.350000	0.000000
728	0.000000	1.330000	0.000000
729	0.000000	1.340000	0.000000
730	0.000000	1.350000	0.000000
731	0.000000	1.370000	0.000000
732	-0.500000	1.340000	0.000000
733	-0.500000	1.350000	0.000000
734	-0.500000	1.360000	0.000000
735	-0.500000	1.360000	0.000000
736	-0.500000	1.360000	0.000000
737	0.000000	1.270000	0.000000
738	0.000000	1.110000	0.000000
739	0.000000	0.880000	0.000000
740	0.000000	0.960000	0.000000
741	0.000000	1.060000	0.000000
742	0.000000	1.150000	0.000000
743	0.000000	1.260000	0.000000
744	0.000000	1.360000	0.000000
745	0.000000	1.360000	0.000000
746	-0.500000	1.350000	0.000000
747	-0.500000	1.350000	0.000000
748	-0.500000	1.350000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
749	15:24:29	150.312000	1.580000	0.070000	-5.430000	0.060000
750	15:30:16	150.313000	1.490000	0.030000	-5.490000	0.030000
751	15:36:03	150.312000	1.630000	0.060000	-5.430000	0.060000
752	15:41:51	150.312000	1.580000	0.040000	-5.400000	0.020000
753	15:47:39	150.312000	1.760000	0.040000	-5.460000	0.040000
754	15:53:27	150.312000	1.680000	0.040000	-5.360000	0.060000
755	15:59:16	150.312000	1.740000	0.040000	-5.560000	0.010000
756	16:05:04	150.312000	1.670000	0.030000	-5.680000	0.020000
757	16:10:53	150.313000	1.430000	0.050000	-5.740000	0.060000
758	16:16:40	150.313000	1.510000	0.020000	-5.650000	0.040000
759						
760	16:23:39	120.286000	-0.230000	1.340000	-4.270000	0.650000
761	16:29:30	126.259000	1.120000	0.040000	-4.190000	0.050000
762	16:35:23	132.333000	1.360000	0.080000	-4.410000	0.070000
763	16:41:16	138.288000	1.600000	0.060000	-4.660000	0.030000
764	16:47:10	144.315000	1.690000	0.080000	-5.150000	0.030000
765	16:53:03	150.312000	1.810000	0.030000	-5.520000	0.040000
766	16:58:53	150.312000	1.490000	0.050000	-5.450000	0.050000
767	17:04:42	150.312000	1.640000	0.040000	-5.520000	0.020000
768	17:10:30	150.312000	1.690000	0.020000	-5.630000	0.030000
769	17:16:17	150.313000	1.860000	0.060000	-5.660000	0.100000
770	17:22:04	150.312000	1.780000	0.030000	-5.620000	0.050000
771	17:27:51	150.312000	1.530000	0.060000	-5.620000	0.040000
772	17:33:38	150.312000	1.460000	0.040000	-5.600000	0.070000
773	17:39:26	150.313000	1.590000	0.020000	-5.660000	0.030000
774	17:45:13	150.313000	1.700000	0.110000	-5.780000	0.080000
775	17:51:00	150.314000	1.630000	0.100000	-5.600000	0.050000
776	17:56:47	150.313000	1.830000	0.040000	-5.720000	0.050000
777	18:02:34	150.312000	1.850000	0.040000	-5.860000	0.050000
778	18:08:21	150.312000	1.840000	0.040000	-5.680000	0.020000
779	18:14:09	150.313000	1.760000	0.020000	-5.720000	0.050000
780	18:19:56	150.313000	1.770000	0.030000	-5.710000	0.070000
781						
782	18:26:52	120.286000	0.820000	0.060000	-4.020000	0.090000
783	18:32:44	126.259000	1.070000	0.070000	-4.200000	0.070000
784	18:38:35	132.332000	1.490000	0.060000	-4.420000	0.040000
785	18:44:26	138.288000	1.550000	0.040000	-4.910000	0.030000
786	18:50:17	144.315000	1.590000	0.050000	-5.300000	0.090000
787	18:56:08	150.312000	1.680000	0.070000	-5.670000	0.070000
788	19:01:56	150.312000	1.590000	0.040000	-5.650000	0.050000
789	19:07:43	150.312000	1.760000	0.040000	-5.450000	0.060000
790	19:13:31	150.312000	1.720000	0.030000	-5.530000	0.040000
791	19:19:18	150.313000	1.760000	0.030000	-5.430000	0.020000
792	19:25:05	150.312000	1.770000	0.050000	-5.590000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
749	24.100000	24.740000	23.380000	25.040000	24.230000	-0.500000
750	24.210000	24.700000	23.340000	25.040000	24.220000	-0.500000
751	24.140000	24.650000	23.300000	25.030000	24.200000	-0.500000
752	24.100000	24.650000	23.300000	25.030000	24.180000	-0.500000
753	24.010000	24.730000	23.380000	25.020000	24.190000	0.000000
754	24.110000	24.830000	23.490000	25.020000	24.220000	0.000000
755	24.130000	24.930000	23.580000	25.010000	24.260000	-0.500000
756	24.150000	24.960000	23.600000	25.010000	24.290000	-0.500000
757	24.120000	24.920000	23.570000	25.000000	24.310000	-0.500000
758	24.140000	24.860000	23.510000	25.000000	24.300000	-0.500000
759	24.100000	24.700000	23.430000	25.000000	24.270000	-0.500000
760	24.070000	24.520000	23.410000	24.990000	24.240000	-0.500000
761	23.990000	24.220000	23.330000	24.990000	24.150000	-0.500000
762	24.060000	24.250000	23.290000	24.980000	24.110000	0.000000
763	24.060000	24.380000	23.320000	24.980000	24.110000	0.000000
764	24.070000	24.560000	23.410000	24.970000	24.140000	0.000000
765	24.190000	24.800000	23.530000	24.970000	24.190000	0.000000
766	24.120000	24.940000	23.590000	24.960000	24.240000	0.000000
767	24.130000	24.930000	23.580000	24.960000	24.270000	-0.500000
768	24.170000	24.890000	23.520000	24.960000	24.270000	-0.500000
769	24.100000	24.810000	23.460000	24.960000	24.270000	-0.500000
770	24.140000	24.750000	23.400000	24.950000	24.250000	-0.500000
771	24.120000	24.710000	23.370000	24.950000	24.240000	-0.500000
772	24.100000	24.780000	23.430000	24.950000	24.240000	-0.500000
773	24.190000	24.870000	23.520000	24.950000	24.270000	-0.500000
774	24.120000	24.940000	23.600000	24.950000	24.300000	-0.500000
775	24.080000	24.950000	23.610000	24.950000	24.330000	-0.500000
776	24.170000	24.920000	23.560000	24.950000	24.330000	-0.500000
777	24.190000	24.850000	23.500000	24.950000	24.320000	-0.500000
778	24.140000	24.790000	23.440000	24.940000	24.310000	-0.500000
779	24.140000	24.720000	23.370000	24.940000	24.280000	-0.500000
780	24.100000	24.680000	23.320000	24.940000	24.250000	-0.500000
781	24.070000	24.580000	23.320000	24.940000	24.220000	-0.500000
782	24.070000	24.430000	23.330000	24.930000	24.190000	-0.500000
783	24.060000	24.250000	23.370000	24.930000	24.130000	0.000000
784	24.030000	24.400000	23.440000	24.930000	24.140000	0.000000
785	24.120000	24.530000	23.470000	24.920000	24.160000	0.000000
786	24.070000	24.600000	23.440000	24.920000	24.160000	0.000000
787	24.140000	24.650000	23.370000	24.920000	24.170000	0.000000
788	24.020000	24.660000	23.310000	24.910000	24.170000	0.000000
789	24.060000	24.600000	23.250000	24.910000	24.150000	0.000000
790	24.040000	24.590000	23.240000	24.900000	24.130000	0.000000
791	23.980000	24.620000	23.280000	24.890000	24.130000	0.000000
792	24.050000	24.700000	23.340000	24.890000	24.150000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
749	-0.500000	1.360000	0.000000
750	-0.500000	1.360000	0.000000
751	-0.500000	1.350000	0.000000
752	-0.500000	1.350000	0.000000
753	-0.500000	1.350000	0.000000
754	-0.500000	1.340000	0.000000
755	-0.500000	1.350000	0.000000
756	-0.500000	1.360000	0.000000
757	-0.500000	1.350000	0.000000
758	-0.500000	1.350000	0.000000
759	-0.500000	1.270000	0.000000
760	-0.500000	1.110000	0.000000
761	0.000000	0.890000	0.000000
762	0.000000	0.960000	0.000000
763	0.000000	1.060000	0.000000
764	0.000000	1.150000	0.000000
765	0.000000	1.270000	0.000000
766	0.000000	1.350000	0.000000
767	-0.500000	1.350000	0.000000
768	-0.500000	1.370000	0.000000
769	-0.500000	1.350000	0.000000
770	-0.500000	1.350000	0.000000
771	-0.500000	1.340000	0.000000
772	-0.500000	1.350000	0.000000
773	-0.500000	1.350000	0.000000
774	-0.500000	1.340000	0.000000
775	-0.500000	1.340000	0.000000
776	-0.500000	1.360000	0.000000
777	-0.500000	1.350000	0.000000
778	-0.500000	1.350000	0.000000
779	-0.500000	1.350000	0.000000
780	-0.500000	1.360000	0.000000
781	-0.500000	1.260000	0.000000
782	-0.500000	1.100000	0.000000
783	0.000000	0.880000	0.000000
784	0.000000	0.960000	0.000000
785	0.000000	1.060000	0.000000
786	0.000000	1.160000	0.000000
787	0.000000	1.280000	0.000000
788	0.000000	1.350000	0.000000
789	0.000000	1.350000	0.000000
790	0.000000	1.350000	0.000000
791	0.000000	1.340000	0.000000
792	0.000000	1.360000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
793	19:30:52	150.312000	1.830000	0.020000	-5.630000	0.050000
794	19:36:39	150.313000	1.640000	0.060000	-5.700000	0.050000
795	19:42:26	150.313000	1.640000	0.020000	-5.580000	0.030000
796	19:48:13	150.313000	1.820000	0.020000	-5.550000	0.030000
797	19:54:01	150.313000	1.850000	0.050000	-5.380000	0.030000
798	19:59:48	150.313000	1.660000	0.040000	-5.460000	0.060000
799	20:05:36	150.313000	1.540000	0.030000	-5.420000	0.040000
800	20:11:24	150.313000	1.630000	0.040000	-5.500000	0.030000
801	20:17:11	150.312000	1.650000	0.030000	-5.490000	0.060000
802	20:22:59	150.313000	1.640000	0.060000	-5.500000	0.040000
803						
804	20:29:56	120.286000	0.790000	0.030000	-3.890000	0.060000
805	20:35:48	126.259000	1.220000	0.070000	-4.060000	0.060000
806	20:41:39	132.333000	1.330000	0.020000	-4.010000	0.040000
807	20:47:30	138.289000	1.410000	0.080000	-4.380000	0.100000
808	20:53:22	144.316000	1.440000	0.050000	-4.990000	0.040000
809	20:59:13	150.313000	1.470000	0.050000	-5.220000	0.060000
810	21:05:01	150.313000	1.740000	0.030000	-5.100000	0.040000
811	21:10:48	150.313000	1.760000	0.050000	-5.230000	0.050000
812	21:16:35	150.313000	1.630000	0.040000	-5.100000	0.040000
813	21:22:23	150.313000	1.550000	0.070000	-5.120000	0.030000
814	21:28:10	150.313000	1.680000	0.020000	-5.090000	0.050000
815	21:33:58	150.313000	1.660000	0.010000	-4.940000	0.030000
816	21:39:46	150.314000	1.930000	0.060000	-5.010000	0.040000
817	21:45:33	150.313000	1.890000	0.020000	-5.030000	0.050000
818	21:51:21	150.313000	1.840000	0.030000	-5.000000	0.040000
819	21:57:08	150.313000	1.730000	0.040000	-5.140000	0.020000
820	22:02:56	150.313000	1.690000	0.040000	-4.930000	0.030000
821	22:08:43	150.314000	1.650000	0.050000	-4.850000	0.030000
822	22:14:30	150.314000	1.640000	0.040000	-4.900000	0.050000
823	22:20:18	150.314000	1.700000	0.070000	-4.800000	0.090000
824	22:26:33	150.314000	1.600000	0.070000	-4.770000	0.110000
825						
826	22:33:29	120.287000	0.550000	0.030000	-3.270000	0.050000
827	22:39:21	126.260000	1.030000	0.040000	-3.340000	0.070000
828	22:45:11	132.334000	1.150000	0.060000	-3.420000	0.060000
829	22:51:03	138.290000	1.360000	0.080000	-3.720000	0.060000
830	22:56:53	144.317000	1.650000	0.060000	-4.070000	0.050000
831	23:02:45	150.314000	1.710000	0.040000	-4.590000	0.050000
832	23:08:32	150.313000	1.820000	0.040000	-4.550000	0.030000
833	23:14:19	150.313000	1.630000	0.070000	-4.390000	0.140000
834	23:20:07	150.314000	1.540000	0.030000	-4.420000	0.010000
835	23:25:54	150.313000	1.560000	0.040000	-4.510000	0.060000
836	23:31:42	150.313000	1.780000	0.020000	-4.460000	0.030000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
793	23.970000	24.740000	23.390000	24.890000	24.160000	0.000000
794	23.930000	24.720000	23.370000	24.880000	24.170000	0.000000
795	24.000000	24.670000	23.310000	24.880000	24.160000	0.000000
796	24.000000	24.610000	23.260000	24.880000	24.130000	-0.500000
797	24.090000	24.600000	23.250000	24.890000	24.120000	-0.500000
798	24.090000	24.640000	23.290000	24.900000	24.120000	0.000000
799	24.150000	24.720000	23.370000	24.900000	24.140000	0.000000
800	24.210000	24.800000	23.450000	24.910000	24.170000	0.000000
801	24.200000	24.820000	23.460000	24.920000	24.190000	0.000000
802	24.240000	24.770000	23.410000	24.930000	24.190000	-0.500000
803	24.240000	24.600000	23.300000	24.940000	24.150000	-0.500000
804	24.170000	24.410000	23.280000	24.930000	24.120000	-0.500000
805	24.140000	24.060000	23.170000	24.940000	24.010000	0.000000
806	24.150000	24.090000	23.120000	24.950000	23.970000	0.000000
807	24.160000	24.220000	23.150000	24.950000	23.960000	0.000000
808	24.230000	24.370000	23.220000	24.960000	23.970000	0.000000
809	24.230000	24.550000	23.300000	24.960000	24.010000	0.000000
810	24.230000	24.700000	23.340000	24.970000	24.050000	0.000000
811	24.250000	24.680000	23.310000	24.980000	24.050000	0.000000
812	24.250000	24.580000	23.210000	24.980000	24.040000	0.000000
813	24.190000	24.490000	23.130000	24.990000	24.010000	0.000000
814	24.160000	24.450000	23.090000	24.990000	23.990000	0.000000
815	24.230000	24.470000	23.110000	25.000000	23.990000	0.000000
816	24.220000	24.520000	23.170000	25.010000	23.980000	0.000000
817	24.290000	24.590000	23.230000	25.020000	23.990000	0.000000
818	24.410000	24.670000	23.310000	25.030000	24.030000	0.000000
819	24.490000	24.700000	23.320000	25.040000	24.050000	0.000000
820	24.420000	24.640000	23.260000	25.050000	24.050000	0.000000
821	24.350000	24.520000	23.150000	25.060000	24.020000	0.000000
822	24.320000	24.450000	23.090000	25.070000	23.980000	0.000000
823	24.290000	24.420000	23.070000	25.070000	23.960000	0.000000
824	24.370000	24.440000	23.090000	25.080000	23.950000	0.000000
825	24.260000	24.400000	23.140000	25.090000	23.940000	0.000000
826	24.280000	24.240000	23.130000	25.090000	23.910000	0.000000
827	24.390000	24.050000	23.160000	25.090000	23.850000	0.000000
828	24.180000	24.160000	23.190000	25.090000	23.850000	0.000000
829	24.240000	24.250000	23.170000	25.100000	23.860000	0.000000
830	24.400000	24.270000	23.090000	25.100000	23.860000	0.000000
831	24.160000	24.260000	22.990000	25.100000	23.840000	0.000000
832	24.230000	24.300000	22.940000	25.100000	23.820000	0.000000
833	24.240000	24.300000	22.940000	25.100000	23.810000	0.000000
834	24.250000	24.340000	22.980000	25.100000	23.810000	0.000000
835	24.340000	24.390000	23.030000	25.100000	23.820000	0.000000
836	24.250000	24.450000	23.100000	25.100000	23.840000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
793	0.000000	1.350000	0.000000
794	0.000000	1.350000	0.000000
795	-0.500000	1.360000	0.000000
796	-0.500000	1.350000	0.000000
797	-0.500000	1.350000	0.000000
798	-0.500000	1.350000	0.000000
799	0.000000	1.350000	0.000000
800	0.000000	1.350000	0.000000
801	-0.500000	1.360000	0.000000
802	-0.500000	1.360000	0.000000
803	-0.500000	1.300000	0.000000
804	0.000000	1.130000	0.000000
805	0.000000	0.890000	0.000000
806	0.000000	0.970000	0.000000
807	0.000000	1.070000	0.000000
808	0.000000	1.150000	0.000000
809	0.000000	1.250000	0.000000
810	0.000000	1.360000	0.000000
811	0.000000	1.370000	0.000000
812	0.000000	1.370000	0.000000
813	0.000000	1.360000	0.000000
814	0.000000	1.360000	0.000000
815	0.000000	1.360000	0.000000
816	0.000000	1.350000	0.000000
817	0.000000	1.360000	0.000000
818	0.000000	1.360000	0.000000
819	0.000000	1.380000	0.000000
820	0.000000	1.380000	0.000000
821	0.000000	1.370000	0.000000
822	0.000000	1.360000	0.000000
823	0.000000	1.350000	0.000000
824	0.000000	1.350000	0.000000
825	0.000000	1.260000	0.000000
826	0.000000	1.110000	0.000000
827	0.000000	0.890000	0.000000
828	0.500000	0.970000	0.000000
829	0.500000	1.080000	0.000000
830	0.500000	1.180000	0.000000
831	0.500000	1.270000	0.000000
832	0.500000	1.360000	0.000000
833	0.500000	1.360000	0.000000
834	0.500000	1.360000	0.000000
835	0.500000	1.360000	0.000000
836	0.500000	1.350000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
837	23:37:29	150.314000	1.750000	0.030000	-4.540000	0.100000
838	23:43:17	150.314000	1.590000	0.040000	-4.730000	0.090000
839	23:49:04	150.314000	1.450000	0.050000	-4.680000	0.040000
840	23:54:52	150.313000	1.490000	0.060000	-4.520000	0.070000
841	00:00:40	150.314000	1.430000	0.040000	-4.350000	0.040000
842	00:06:28	150.313000	1.580000	0.030000	-4.400000	0.020000
843	00:12:16	150.314000	1.540000	0.160000	-4.390000	0.070000
844	00:18:04	150.315000	1.400000	0.240000	-4.600000	0.100000
845	00:23:52	150.314000	1.500000	0.020000	-4.700000	0.030000
846	00:29:41	150.313000	0.170000	1.080000	-4.350000	0.380000
847						
848	00:36:37	120.286000	0.590000	0.230000	-3.010000	0.480000
849	00:42:29	126.260000	0.970000	0.060000	-3.170000	0.080000
850	00:48:22	132.335000	1.130000	0.050000	-3.390000	0.050000
851	00:54:17	138.290000	1.450000	0.090000	-3.920000	0.030000
852	01:00:11	144.316000	1.650000	0.030000	-4.210000	0.060000
853	01:06:06	150.314000	1.690000	0.030000	-4.690000	0.070000
854	01:11:56	150.313000	1.650000	0.020000	-4.470000	0.020000
855	01:17:47	150.314000	1.680000	0.090000	-4.390000	0.040000
856	01:23:38	150.313000	1.720000	0.030000	-4.340000	0.040000
857	01:29:28	150.314000	1.660000	0.080000	-4.520000	0.030000
858	01:35:19	150.314000	1.730000	0.040000	-4.550000	0.020000
859	01:41:10	150.314000	1.870000	0.020000	-4.720000	0.030000
860	01:47:00	150.314000	1.890000	0.060000	-4.770000	0.080000
861	01:52:51	150.314000	1.750000	0.050000	-4.720000	0.040000
862	01:58:43	150.314000	1.900000	0.030000	-4.780000	0.040000
863	02:04:35	150.314000	1.770000	0.050000	-4.900000	0.110000
864	02:10:28	150.314000	1.770000	0.070000	-4.880000	0.070000
865	02:16:21	150.314000	1.640000	0.020000	-4.780000	0.050000
866	02:22:14	150.314000	1.800000	0.020000	-4.740000	0.060000
867	02:28:06	150.314000	1.620000	0.070000	-4.740000	0.130000
868	02:33:59	150.314000	1.590000	0.060000	-4.780000	0.060000
869						
870	02:41:01	120.287000	0.560000	0.050000	-3.310000	0.020000
871	02:46:57	126.260000	0.690000	0.060000	-3.680000	0.030000
872	02:52:53	132.334000	1.020000	0.020000	-3.860000	0.040000
873	02:58:49	138.289000	1.350000	0.040000	-3.920000	0.040000
874	03:04:46	144.317000	1.740000	0.060000	-4.350000	0.040000
875	03:10:43	150.314000	1.820000	0.080000	-4.660000	0.070000
876	03:16:37	150.314000	1.690000	0.040000	-4.550000	0.090000
877	03:22:30	150.314000	1.640000	0.060000	-4.570000	0.070000
878	03:28:23	150.314000	1.770000	0.050000	-4.570000	0.070000
879	03:34:16	150.315000	1.630000	0.060000	-4.530000	0.060000
880	03:40:09	150.314000	1.550000	0.050000	-4.580000	0.020000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
837	24.180000	24.490000	23.140000	25.100000	23.860000	0.000000
838	24.290000	24.500000	23.140000	25.100000	23.880000	0.000000
839	24.330000	24.430000	23.060000	25.100000	23.870000	0.000000
840	24.200000	24.340000	22.970000	25.100000	23.840000	0.000000
841	24.190000	24.290000	22.920000	25.110000	23.820000	0.000000
842	24.270000	24.270000	22.910000	25.110000	23.800000	0.000000
843	24.180000	24.290000	22.940000	25.110000	23.800000	0.000000
844	24.390000	24.350000	23.000000	25.110000	23.800000	0.000000
845	24.220000	24.430000	23.070000	25.120000	23.820000	0.000000
846	24.260000	24.490000	23.140000	25.110000	23.840000	0.000000
847	24.200000	24.460000	23.190000	25.110000	23.860000	0.000000
848	24.370000	24.310000	23.200000	25.110000	23.840000	0.000000
849	24.410000	24.090000	23.200000	25.110000	23.790000	0.000000
850	24.330000	24.140000	23.150000	25.110000	23.800000	0.000000
851	24.230000	24.110000	23.030000	25.100000	23.780000	0.000000
852	24.240000	24.070000	22.880000	25.100000	23.740000	0.000000
853	24.210000	24.040000	22.750000	25.100000	23.700000	0.000000
854	24.230000	24.080000	22.720000	25.090000	23.690000	0.000000
855	24.150000	24.120000	22.760000	25.090000	23.670000	0.000000
856	24.220000	24.210000	22.860000	25.100000	23.680000	0.000000
857	24.160000	24.330000	22.990000	25.100000	23.700000	0.000000
858	24.130000	24.490000	23.130000	25.090000	23.760000	0.000000
859	24.230000	24.590000	23.230000	25.090000	23.810000	0.000000
860	24.250000	24.600000	23.240000	25.090000	23.850000	0.000000
861	24.170000	24.510000	23.130000	25.090000	23.860000	0.000000
862	24.110000	24.360000	22.990000	25.080000	23.830000	0.000000
863	24.110000	24.260000	22.890000	25.090000	23.790000	0.000000
864	24.160000	24.190000	22.830000	25.090000	23.770000	0.000000
865	24.190000	24.200000	22.830000	25.090000	23.750000	0.000000
866	24.150000	24.230000	22.870000	25.080000	23.740000	0.000000
867	24.170000	24.300000	22.950000	25.080000	23.750000	0.000000
868	24.140000	24.380000	23.030000	25.070000	23.770000	0.000000
869	24.220000	24.350000	23.070000	25.080000	23.790000	0.000000
870	24.250000	24.190000	23.070000	25.080000	23.760000	0.000000
871	24.230000	23.960000	23.060000	25.070000	23.710000	0.000000
872	24.170000	24.000000	23.010000	25.070000	23.700000	0.000000
873	24.110000	23.990000	22.900000	25.070000	23.680000	0.000000
874	24.210000	23.930000	22.750000	25.060000	23.640000	0.000000
875	24.040000	23.900000	22.620000	25.060000	23.590000	0.000000
876	24.010000	23.940000	22.580000	25.050000	23.570000	0.000000
877	24.190000	23.970000	22.610000	25.050000	23.550000	0.000000
878	24.180000	24.060000	22.710000	25.050000	23.550000	0.000000
879	24.170000	24.190000	22.840000	25.050000	23.580000	0.000000
880	24.140000	24.340000	22.980000	25.040000	23.620000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
837	0.500000	1.350000	0.000000
838	0.000000	1.360000	0.000000
839	0.000000	1.370000	0.000000
840	0.000000	1.370000	0.000000
841	0.000000	1.370000	0.000000
842	0.000000	1.360000	0.000000
843	0.500000	1.350000	0.000000
844	0.500000	1.350000	0.000000
845	0.500000	1.360000	0.000000
846	0.500000	1.350000	0.000000
847	0.500000	1.270000	0.000000
848	0.500000	1.110000	0.000000
849	0.500000	0.890000	0.000000
850	0.500000	0.990000	0.000000
851	0.500000	1.080000	0.000000
852	0.500000	1.190000	0.000000
853	0.500000	1.290000	0.000000
854	0.500000	1.360000	0.000000
855	0.500000	1.360000	0.000000
856	0.500000	1.350000	0.000000
857	0.500000	1.340000	0.000000
858	0.500000	1.360000	0.000000
859	0.500000	1.360000	0.000000
860	0.500000	1.360000	0.000000
861	0.000000	1.380000	0.000000
862	0.000000	1.370000	0.000000
863	0.000000	1.370000	0.000000
864	0.000000	1.360000	0.000000
865	0.000000	1.370000	0.000000
866	0.500000	1.360000	0.000000
867	0.500000	1.350000	0.000000
868	0.500000	1.350000	0.000000
869	0.500000	1.280000	0.000000
870	0.500000	1.120000	0.000000
871	0.500000	0.900000	0.000000
872	0.500000	0.990000	0.000000
873	0.500000	1.090000	0.000000
874	0.500000	1.180000	0.000000
875	0.500000	1.280000	0.000000
876	0.500000	1.360000	0.000000
877	0.500000	1.360000	0.000000
878	0.500000	1.350000	0.000000
879	0.500000	1.350000	0.000000
880	0.500000	1.360000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
881	03:46:03	150.314000	1.730000	0.050000	-4.460000	0.030000
882	03:51:56	150.314000	1.700000	0.060000	-4.630000	0.050000
883	03:57:49	150.314000	1.580000	0.070000	-4.620000	0.060000
884	04:03:42	150.313000	1.530000	0.050000	-4.580000	0.060000
885	04:09:34	150.314000	1.640000	0.050000	-4.520000	0.050000
886	04:15:26	150.314000	1.750000	0.020000	-4.440000	0.020000
887	04:21:19	150.315000	1.740000	0.040000	-4.490000	0.030000
888	04:27:11	150.314000	1.680000	0.040000	-4.330000	0.070000
889	04:33:03	150.314000	1.720000	0.040000	-4.380000	0.070000
890	04:38:55	150.314000	1.480000	0.040000	-4.350000	0.070000
891						
892	04:45:56	120.287000	0.570000	0.050000	-2.880000	0.050000
893	04:51:51	126.260000	0.880000	0.110000	-3.020000	0.040000
894	04:57:48	132.334000	1.270000	0.030000	-3.320000	0.030000
895	05:03:43	138.290000	1.520000	0.060000	-3.740000	0.070000
896	05:09:39	144.316000	1.740000	0.040000	-4.200000	0.080000
897	05:15:36	150.314000	1.690000	0.020000	-4.610000	0.050000
898	05:21:29	150.313000	1.560000	0.030000	-4.470000	0.060000
899	05:27:23	150.314000	1.420000	0.030000	-4.460000	0.100000
900	05:33:16	150.314000	1.510000	0.050000	-4.650000	0.090000
901	05:39:10	150.314000	1.650000	0.040000	-4.670000	0.040000
902	05:45:03	150.314000	1.700000	0.080000	-4.810000	0.050000
903	05:50:56	150.314000	1.750000	0.020000	-4.750000	0.050000
904	05:56:49	150.314000	1.720000	0.040000	-4.810000	0.040000
905	06:02:43	150.315000	1.720000	0.030000	-4.750000	0.090000
906	06:08:36	150.315000	1.700000	0.010000	-4.900000	0.020000
907	06:14:26	150.314000	1.620000	0.040000	-4.900000	0.080000
908	06:20:14	150.314000	1.580000	0.050000	-4.790000	0.090000
909	06:26:01	150.314000	1.770000	0.040000	-4.780000	0.060000
910	06:31:50	150.314000	1.830000	0.040000	-4.870000	0.030000
911	06:37:38	150.314000	1.790000	0.070000	-4.730000	0.050000
912	06:43:26	150.315000	1.800000	0.020000	-4.740000	0.050000
913						
914	06:50:23	120.287000	0.640000	0.030000	-3.390000	0.050000
915	06:56:15	126.261000	1.120000	0.030000	-3.430000	0.030000
916	07:02:06	132.335000	1.370000	0.040000	-3.520000	0.120000
917	07:07:58	138.290000	1.530000	0.040000	-3.780000	0.050000
918	07:13:50	144.318000	1.720000	0.030000	-4.110000	0.030000
919	07:19:41	150.314000	1.870000	0.020000	-4.610000	0.050000
920	07:25:29	150.314000	1.910000	0.080000	-4.470000	0.060000
921	07:31:17	150.315000	1.790000	0.020000	-4.530000	0.060000
922	07:37:05	150.314000	1.710000	0.040000	-4.900000	0.060000
923	07:42:54	150.314000	1.680000	0.010000	-4.850000	0.020000
924	07:48:42	150.314000	1.560000	0.030000	-4.750000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
881	24.040000	24.410000	23.050000	25.040000	23.670000	0.000000
882	24.250000	24.400000	23.020000	25.040000	23.700000	0.000000
883	24.160000	24.270000	22.880000	25.040000	23.680000	0.000000
884	24.040000	24.120000	22.740000	25.030000	23.650000	0.000000
885	24.260000	24.040000	22.650000	25.040000	23.610000	0.000000
886	24.180000	24.000000	22.620000	25.040000	23.580000	0.000000
887	24.120000	23.980000	22.610000	25.040000	23.550000	0.000000
888	24.160000	24.010000	22.640000	25.040000	23.540000	0.000000
889	24.120000	24.090000	22.740000	25.040000	23.550000	0.000000
890	24.150000	24.200000	22.830000	25.040000	23.570000	0.000000
891	24.070000	24.160000	22.880000	25.040000	23.590000	0.000000
892	24.180000	24.010000	22.880000	25.040000	23.560000	0.000000
893	24.120000	23.780000	22.880000	25.030000	23.510000	0.000000
894	24.050000	23.860000	22.880000	25.020000	23.520000	0.000000
895	24.040000	23.970000	22.900000	25.020000	23.530000	0.000000
896	24.110000	24.080000	22.920000	25.010000	23.560000	0.000000
897	24.150000	24.210000	22.940000	25.010000	23.590000	0.000000
898	24.060000	24.320000	22.950000	25.010000	23.640000	0.000000
899	24.160000	24.330000	22.970000	25.010000	23.660000	0.000000
900	24.080000	24.340000	22.980000	25.000000	23.680000	0.000000
901	24.040000	24.340000	22.990000	25.000000	23.710000	0.000000
902	24.090000	24.370000	23.000000	25.000000	23.720000	0.000000
903	24.100000	24.360000	23.010000	25.000000	23.740000	0.000000
904	24.030000	24.380000	23.010000	25.000000	23.750000	0.000000
905	24.230000	24.380000	23.010000	25.000000	23.760000	0.000000
906	24.120000	24.370000	23.000000	25.010000	23.770000	0.000000
907	24.110000	24.370000	23.010000	25.010000	23.780000	0.000000
908	24.260000	24.370000	23.000000	25.010000	23.790000	0.000000
909	24.190000	24.390000	23.010000	25.010000	23.790000	0.000000
910	24.160000	24.360000	22.980000	25.020000	23.800000	0.000000
911	24.180000	24.390000	23.010000	25.030000	23.800000	0.000000
912	24.080000	24.430000	23.050000	25.030000	23.810000	0.000000
913	24.100000	24.350000	23.050000	25.030000	23.810000	0.000000
914	24.190000	24.180000	23.040000	25.030000	23.780000	0.000000
915	24.140000	23.910000	22.980000	25.040000	23.710000	0.000000
916	24.250000	23.930000	22.930000	25.040000	23.690000	0.000000
917	24.200000	24.000000	22.920000	25.030000	23.680000	0.000000
918	24.100000	24.110000	22.930000	25.040000	23.690000	0.000000
919	24.110000	24.240000	22.940000	25.040000	23.700000	0.000000
920	24.150000	24.330000	22.950000	25.040000	23.730000	0.000000
921	24.210000	24.370000	22.990000	25.040000	23.740000	0.000000
922	24.230000	24.440000	23.070000	25.040000	23.770000	0.000000
923	24.110000	24.550000	23.190000	25.040000	23.820000	0.000000
924	24.240000	24.660000	23.290000	25.040000	23.880000	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
881	0.500000	1.360000	0.000000
882	0.500000	1.380000	0.000000
883	0.500000	1.390000	0.000000
884	0.500000	1.380000	0.000000
885	0.500000	1.390000	0.000000
886	0.500000	1.380000	0.000000
887	0.500000	1.370000	0.000000
888	0.500000	1.370000	0.000000
889	0.500000	1.350000	0.000000
890	0.500000	1.370000	0.000000
891	0.500000	1.280000	0.000000
892	0.500000	1.130000	0.000000
893	0.500000	0.900000	0.000000
894	0.500000	0.980000	0.000000
895	0.500000	1.070000	0.000000
896	0.500000	1.160000	0.000000
897	0.500000	1.270000	0.000000
898	0.500000	1.370000	0.000000
899	0.500000	1.360000	0.000000
900	0.500000	1.360000	0.000000
901	0.500000	1.350000	0.000000
902	0.500000	1.370000	0.000000
903	0.500000	1.350000	0.000000
904	0.500000	1.370000	0.000000
905	0.000000	1.370000	0.000000
906	0.000000	1.370000	0.000000
907	0.000000	1.360000	0.000000
908	0.000000	1.370000	0.000000
909	0.000000	1.380000	0.000000
910	0.000000	1.380000	0.000000
911	0.000000	1.380000	0.000000
912	0.000000	1.380000	0.000000
913	0.000000	1.300000	0.000000
914	0.000000	1.140000	0.000000
915	0.500000	0.930000	0.000000
916	0.500000	1.000000	0.000000
917	0.500000	1.080000	0.000000
918	0.500000	1.180000	0.000000
919	0.500000	1.300000	0.000000
920	0.500000	1.380000	0.000000
921	0.500000	1.380000	0.000000
922	0.500000	1.370000	0.000000
923	0.500000	1.360000	0.000000
924	0.000000	1.370000	0.000000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
925	07:54:30	150.315000	1.660000	0.040000	-4.800000	0.030000
926	08:00:18	150.314000	1.490000	0.210000	-4.830000	0.150000
927	08:06:06	150.315000	1.810000	0.060000	-4.940000	0.050000
928	08:11:57	150.315000	1.630000	0.140000	-5.060000	0.110000
929	08:17:45	150.314000	1.650000	0.060000	-5.150000	0.040000
930	08:23:33	150.315000	1.520000	0.030000	-5.160000	0.040000
931	08:29:21	150.315000	1.600000	0.040000	-5.100000	0.050000
932	08:35:10	150.315000	1.620000	0.040000	-5.020000	0.040000
933	08:40:58	150.315000	1.720000	0.050000	-5.260000	0.050000
934	08:46:47	150.315000	1.760000	0.030000	-5.210000	0.020000
935						
936	08:53:45	120.287000	0.770000	0.050000	-3.780000	0.060000
937	08:59:36	126.260000	1.170000	0.050000	-3.990000	0.040000
938	09:05:27	132.336000	1.120000	0.030000	-4.080000	0.050000
939	09:11:24	138.291000	1.450000	0.050000	-4.310000	0.050000
940	09:17:21	144.317000	1.540000	0.050000	-4.590000	0.050000
941	09:23:17	150.315000	1.770000	0.070000	-5.130000	0.070000
942	09:29:08	150.315000	1.770000	0.030000	-5.230000	0.040000
943	09:34:59	150.315000	1.590000	0.060000	-5.360000	0.040000
944	09:40:51	150.315000	1.730000	0.040000	-5.380000	0.030000
945	09:46:42	150.314000	1.680000	0.060000	-5.540000	0.070000
946	09:52:33	150.315000	1.640000	0.080000	-5.200000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
925	24.240000	24.720000	23.340000	25.050000	23.940000	0.000000
926	24.190000	24.730000	23.370000	25.050000	23.980000	0.000000
927	24.190000	24.710000	23.350000	25.060000	24.000000	0.000000
928	24.220000	24.700000	23.330000	25.060000	24.030000	0.000000
929	24.270000	24.710000	23.340000	25.060000	24.040000	0.000000
930	24.340000	24.750000	23.390000	25.060000	24.070000	0.000000
931	24.220000	24.780000	23.430000	25.060000	24.110000	0.000000
932	24.180000	24.830000	23.480000	25.070000	24.150000	0.000000
933	24.230000	24.900000	23.540000	25.070000	24.180000	-0.500000
934	24.230000	24.930000	23.560000	25.070000	24.220000	-0.500000
935	24.260000	24.780000	23.490000	25.070000	24.210000	-0.500000
936	24.220000	24.590000	23.470000	25.070000	24.180000	-0.500000
937	24.330000	24.240000	23.320000	25.080000	24.090000	-0.500000
938	24.260000	24.190000	23.190000	25.080000	24.040000	0.000000
939	24.270000	24.230000	23.150000	25.080000	24.010000	0.000000
940	24.220000	24.410000	23.240000	25.090000	24.020000	0.000000
941	24.350000	24.670000	23.400000	25.090000	24.070000	0.000000
942	24.280000	24.930000	23.580000	25.100000	24.160000	0.000000
943	24.340000	25.110000	23.740000	25.110000	24.230000	0.000000
944	24.330000	25.190000	23.830000	25.110000	24.320000	-0.500000
945	24.510000	25.170000	23.790000	25.130000	24.370000	-0.500000
946	24.450000	25.090000	23.690000	25.140000	24.380000	-0.500000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
925	0.000000	1.380000	0.000000
926	0.000000	1.360000	0.000000
927	0.000000	1.360000	0.000000
928	0.000000	1.370000	0.000000
929	0.000000	1.370000	0.000000
930	0.000000	1.360000	0.000000
931	0.000000	1.350000	0.000000
932	0.000000	1.350000	0.000000
933	0.000000	1.360000	0.000000
934	-0.500000	1.370000	0.000000
935	-0.500000	1.290000	0.000000
936	-0.500000	1.120000	0.000000
937	0.000000	0.920000	0.000000
938	0.000000	1.000000	0.000000
939	0.000000	1.080000	0.000000
940	0.000000	1.170000	0.000000
941	0.000000	1.270000	0.000000
942	0.000000	1.350000	0.000000
943	0.000000	1.370000	0.000000
944	-0.500000	1.360000	0.000000
945	-0.500000	1.380000	0.000000
946	-0.500000	1.400000	0.000000