

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
1	17:06:58	133.296000	9.060000	0.030000	10.070000	0.040000
2	17:12:46	133.296000	9.110000	0.050000	10.140000	0.050000
3	17:18:36	133.296000	9.070000	0.030000	10.300000	0.060000
4	17:24:24	133.296000	9.300000	0.060000	10.540000	0.050000
5	17:30:14	133.297000	9.290000	0.100000	10.640000	0.040000
6	17:36:03	133.297000	9.150000	0.040000	10.570000	0.040000
7	17:41:52	133.297000	9.240000	0.030000	10.610000	0.060000
8	17:47:42	133.296000	9.210000	0.060000	10.640000	0.060000
9	17:53:31	133.297000	9.300000	0.020000	10.600000	0.040000
10	17:59:20	133.297000	9.310000	0.040000	10.560000	0.070000
11	18:05:10	133.296000	9.310000	0.110000	10.440000	0.070000
12	18:10:59	133.297000	9.230000	0.050000	10.620000	0.040000
13	18:16:48	133.296000	9.080000	0.050000	10.720000	0.080000
14	18:22:37	133.296000	9.160000	0.070000	10.800000	0.030000
15	18:28:26	133.297000	9.110000	0.080000	10.860000	0.040000
16	18:34:16	133.296000	9.380000	0.070000	10.820000	0.060000
17	18:40:06	133.296000	9.320000	0.040000	10.830000	0.060000
18	18:45:55	133.297000	9.280000	0.040000	10.600000	0.050000
19	18:51:45	133.297000	9.290000	0.020000	10.660000	0.040000
20	18:57:34	133.296000	9.190000	0.040000	10.680000	0.060000
21	19:03:24	133.298000	9.440000	0.020000	10.580000	0.010000
22	19:09:13	133.296000	9.420000	0.020000	10.460000	0.030000
23	19:15:01	133.297000	9.350000	0.020000	10.610000	0.040000
24	19:20:50	133.297000	9.250000	0.090000	10.770000	0.070000
25	19:26:38	133.297000	9.470000	0.050000	10.450000	0.060000
26	19:32:27	133.298000	9.430000	0.050000	10.530000	0.070000
27	19:38:16	133.297000	9.450000	0.060000	10.530000	0.050000
28	19:44:05	133.297000	9.380000	0.040000	10.570000	0.040000
29	19:49:53	133.296000	9.450000	0.040000	10.530000	0.060000
30	19:55:42	133.296000	9.400000	0.070000	10.530000	0.090000
31	20:01:30	133.297000	9.340000	0.090000	10.410000	0.060000
32	20:07:19	133.296000	9.230000	0.080000	10.560000	0.080000
33	20:13:07	133.297000	9.340000	0.030000	10.510000	0.070000
34	20:18:56	133.297000	9.170000	0.020000	10.490000	0.020000
35	20:24:45	133.297000	9.450000	0.040000	10.370000	0.050000
36	20:30:33	133.297000	9.640000	0.020000	10.340000	0.060000
37	20:36:22	133.298000	9.520000	0.030000	10.160000	0.080000
38	20:42:11	133.297000	9.420000	0.060000	10.130000	0.040000
39	20:48:00	133.297000	9.420000	0.040000	10.230000	0.080000
40	20:53:49	133.297000	9.370000	0.110000	10.330000	0.080000
41	20:59:38	133.297000	9.590000	0.020000	10.220000	0.050000
42	21:05:27	133.298000	9.730000	0.080000	10.160000	0.020000
43	21:11:16	133.297000	9.280000	0.050000	10.220000	0.080000
44	21:17:04	133.298000	9.380000	0.020000	10.040000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	MagSteel(near pole	2-HeidenhainR(um
1	23.241119	24.044006	23.013001	24.078948	23.580995	0.000000
2	23.045806	24.148286	23.084991	24.074065	23.619476	0.000000
3	23.148925	24.278138	23.183015	24.066284	23.675079	0.000000
4	23.060944	24.338500	23.234221	24.062836	23.723999	0.000000
5	23.071503	24.301574	23.221740	24.060668	23.751007	0.000000
6	23.108124	24.260528	23.157166	24.056824	23.757538	0.000000
7	23.084349	24.162019	23.056946	24.052277	23.746369	0.000000
8	23.172943	24.060668	22.968171	24.046599	23.719483	0.000000
9	23.186523	24.045531	22.955048	24.041992	23.704285	0.000000
10	23.084106	24.074951	22.989959	24.038482	23.702607	0.000000
11	23.166229	24.125734	23.060212	24.034576	23.717011	0.000000
12	23.127503	24.232268	23.144317	24.033082	23.747832	0.000000
13	23.174958	24.277254	23.175597	24.027894	23.773102	0.000000
14	23.055877	24.245728	23.140412	24.025390	23.780486	0.000000
15	23.103516	24.171112	23.059935	24.021729	23.767000	0.000000
16	23.109893	24.059875	22.947145	24.018188	23.735016	0.000000
17	23.104979	23.978792	22.874572	24.015564	23.695709	0.000000
18	23.094940	23.973388	22.875398	24.013551	23.673980	0.000000
19	23.084931	24.006500	22.926115	24.009491	23.670654	0.000000
20	23.059508	24.067262	22.996399	24.008942	23.678925	0.000000
21	23.182251	24.130828	23.056489	24.006715	23.698059	0.000000
22	23.159148	24.131165	23.053010	24.006714	23.703033	0.000000
23	23.140137	24.073914	22.987580	24.008452	23.693451	0.000000
24	23.167603	23.984344	22.887053	24.012451	23.662688	0.000000
25	23.155274	23.899779	22.818971	24.012725	23.625305	0.000000
26	23.219361	23.906645	22.808929	24.014557	23.603027	0.000000
27	23.141632	23.934416	22.848053	24.015808	23.594940	0.000000
28	23.151276	23.998261	22.909088	24.016052	23.598785	0.000000
29	23.217926	24.059113	22.969086	24.017120	23.617248	0.000000
30	23.141448	24.068666	22.982026	24.016634	23.627166	0.000000
31	23.189454	24.031372	22.932434	24.016571	23.618347	0.000000
32	23.169708	23.939910	22.829499	24.019838	23.593355	0.000000
33	23.234710	23.841674	22.751526	24.022613	23.553771	0.000000
34	23.347535	23.818391	22.720122	24.025695	23.525024	0.000000
35	23.280060	23.808257	22.718964	24.027862	23.503355	0.000000
36	23.192076	23.825012	22.725310	24.026520	23.489012	0.000000
37	23.237426	23.837371	22.734711	24.021484	23.479828	0.000000
38	23.091125	23.841279	22.745729	24.018372	23.473327	0.000000
39	23.119385	23.881500	22.775452	24.012603	23.474822	0.000000
40	23.189423	23.874969	22.763000	24.007263	23.470611	0.000000
41	23.072173	23.796813	22.677338	24.003053	23.447632	0.000000
42	23.158173	23.673858	22.562256	23.993562	23.403563	0.000000
43	23.109862	23.608551	22.489318	23.991211	23.359894	0.000000
44	23.002197	23.561981	22.457976	23.986664	23.319733	0.000000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
1	-0.500000	1.031005	3.655000e-3
2	-0.500000	1.063295	3.656000e-3
3	-0.500000	1.095123	3.658000e-3
4	-0.500000	1.104279	3.658000e-3
5	-0.500000	1.079834	3.657000e-3
6	-0.500000	1.103362	3.657000e-3
7	-0.500000	1.105073	3.657000e-3
8	-0.500000	1.092497	3.655000e-3
9	-0.500000	1.090483	3.656000e-3
10	-0.500000	1.084992	3.656000e-3
11	-0.500000	1.065522	3.657000e-3
12	-0.500000	1.087951	3.657000e-3
13	-0.500000	1.101657	3.658000e-3
14	-0.500000	1.105316	3.657000e-3
15	-0.500000	1.111177	3.656000e-3
16	-0.500000	1.112730	3.655000e-3
17	-0.500000	1.104220	3.654000e-3
18	-0.500000	1.097990	3.655000e-3
19	-0.500000	1.080385	3.655000e-3
20	-0.500000	1.070863	3.656000e-3
21	-0.500000	1.074339	3.656000e-3
22	-0.500000	1.078155	3.656000e-3
23	-0.500000	1.086334	3.655000e-3
24	-0.500000	1.097291	3.654000e-3
25	-0.500000	1.080808	3.654000e-3
26	-0.500000	1.097716	3.654000e-3
27	-0.500000	1.086363	3.655000e-3
28	-0.500000	1.089173	3.655000e-3
29	-0.500000	1.090027	3.656000e-3
30	-0.500000	1.086640	3.656000e-3
31	-0.500000	1.098938	3.655000e-3
32	-0.500000	1.110411	3.654000e-3
33	-0.500000	1.090148	3.654000e-3
34	-0.500000	1.098269	3.653000e-3
35	-0.500000	1.089293	3.653000e-3
36	-0.500000	1.099702	3.654000e-3
37	-0.500000	1.102660	3.654000e-3
38	-0.500000	1.095550	3.654000e-3
39	-0.500000	1.106048	3.654000e-3
40	-0.500000	1.111969	3.654000e-3
41	-0.500000	1.119475	3.653000e-3
42	-0.500000	1.111602	3.651000e-3
43	0.000000	1.119233	3.651000e-3
44	0.000000	1.104005	3.651000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
45	21:22:54	133.296000	9.460000	0.030000	10.170000	0.070000
46	21:28:43	133.297000	9.600000	0.030000	10.020000	0.070000
47	21:34:32	133.297000	9.430000	0.030000	10.000000	0.040000
48	21:40:22	133.298000	9.490000	0.040000	9.990000	0.040000
49	21:46:12	133.297000	9.410000	0.050000	9.860000	0.080000
50	21:52:01	133.297000	9.340000	0.100000	10.080000	0.050000
51	21:57:51	133.297000	9.440000	0.100000	10.260000	0.080000
52	22:03:40	133.296000	9.650000	0.030000	10.150000	0.020000
53	22:09:30	133.296000	9.430000	0.030000	10.060000	0.020000
54	22:15:19	133.297000	9.390000	0.050000	10.000000	0.060000
55	22:21:09	133.297000	9.380000	0.020000	9.820000	0.030000
56	22:26:59	133.297000	9.410000	0.020000	9.820000	0.040000
57	22:32:48	133.296000	9.260000	0.030000	9.700000	0.080000
58	22:38:38	133.297000	9.470000	0.050000	9.730000	0.050000
59	22:44:28	133.296000	9.430000	0.040000	9.590000	0.030000
60	22:50:18	133.296000	9.380000	0.020000	9.470000	0.070000
61	22:56:07	133.297000	9.400000	0.080000	9.470000	0.060000
62	23:01:56	133.296000	9.280000	0.030000	9.520000	0.060000
63	23:07:45	133.296000	9.280000	0.060000	9.680000	0.060000
64	23:13:35	133.297000	9.380000	0.050000	9.600000	0.080000
65	23:19:24	133.297000	9.400000	0.030000	9.570000	0.030000
66	23:25:14	133.297000	9.450000	0.060000	9.670000	0.060000
67	23:31:04	133.296000	9.490000	0.100000	9.590000	0.060000
68	23:36:54	133.297000	9.570000	0.150000	9.510000	0.130000
69	23:42:44	133.297000	9.650000	0.050000	9.440000	0.050000
70	23:48:34	133.296000	9.520000	0.040000	9.540000	0.040000
71	23:54:24	133.297000	9.480000	0.070000	9.670000	0.060000
72	00:00:13	133.296000	9.620000	0.030000	9.630000	0.050000
73	00:06:03	133.297000	9.570000	0.050000	9.720000	0.100000
74	00:11:52	133.297000	9.620000	0.090000	9.710000	0.040000
75	00:17:42	133.297000	9.550000	0.070000	9.820000	0.040000
76	00:23:32	133.297000	9.640000	0.030000	9.810000	0.070000
77	00:29:22	133.297000	9.410000	0.070000	10.040000	0.060000
78	00:35:12	133.296000	9.480000	0.020000	10.000000	0.030000
79	00:41:02	133.298000	9.740000	0.060000	10.200000	0.030000
80	00:46:52	133.297000	9.600000	0.050000	10.100000	0.060000
81	00:52:42	133.297000	9.670000	0.020000	10.030000	0.030000
82	00:58:32	133.296000	9.460000	0.060000	10.140000	0.030000
83	01:04:21	133.296000	9.610000	0.050000	10.240000	0.030000
84	01:10:11	133.297000	9.550000	0.040000	10.320000	0.060000
85	01:16:01	133.296000	9.610000	0.030000	10.370000	0.060000
86	01:21:51	133.296000	9.650000	0.040000	10.300000	0.030000
87	01:27:41	133.296000	9.660000	0.030000	10.210000	0.040000
88	01:33:31	133.297000	9.530000	0.050000	10.350000	0.030000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
45	23.047759	23.562348	22.455841	23.984527	23.292084	0.500000
46	23.074829	23.598664	22.486450	23.976624	23.276703	0.500000
47	23.060517	23.641115	22.555726	23.971069	23.277314	0.500000
48	23.029847	23.733826	22.635742	23.965058	23.296388	0.500000
49	23.056578	23.798280	22.700011	23.958191	23.316771	0.500000
50	22.999663	23.841919	22.738038	23.948579	23.340545	0.500000
51	22.952759	23.876558	22.749391	23.940155	23.360107	0.500000
52	22.906646	23.803010	22.678711	23.932952	23.357787	0.500000
53	23.004577	23.648499	22.521241	23.923218	23.317810	0.500000
54	22.948944	23.483703	22.350678	23.911438	23.257263	0.500000
55	22.876129	23.375245	22.245574	23.901488	23.194824	0.500000
56	22.814056	23.327454	22.216217	23.889955	23.145600	0.500000
57	22.756195	23.376039	22.261475	23.875733	23.119933	0.500000
58	22.822234	23.444945	22.357972	23.864440	23.118927	0.500000
59	22.848296	23.572877	22.463837	23.853241	23.138549	0.500000
60	22.781767	23.674255	22.570191	23.843262	23.173491	0.500000
61	22.789216	23.748842	22.637145	23.833344	23.209471	0.500000
62	22.854981	23.729553	22.597839	23.822754	23.223481	0.500000
63	22.709593	23.581848	22.467194	23.814482	23.199219	0.500000
64	22.742125	23.479615	22.355285	23.805664	23.163056	0.500000
65	22.815124	23.405578	22.292266	23.792787	23.126343	0.500000
66	22.803070	23.380370	22.261900	23.783233	23.098969	0.500000
67	22.797698	23.373871	22.260222	23.772704	23.076539	0.500000
68	22.714049	23.409791	22.297821	23.760771	23.067595	0.500000
69	22.708466	23.482729	22.377687	23.749269	23.078003	0.500000
70	22.749390	23.559660	22.443664	23.737151	23.098602	0.500000
71	22.650971	23.606140	22.489714	23.724334	23.116912	0.500000
72	22.704863	23.630187	22.510286	23.711670	23.137848	0.500000
73	22.751648	23.636475	22.494355	23.700288	23.147064	0.500000
74	22.616791	23.595032	22.473144	23.689911	23.149476	0.500000
75	22.665009	23.591676	22.470062	23.678436	23.152986	0.500000
76	22.634034	23.622925	22.509277	23.668397	23.166962	0.500000
77	22.609527	23.655854	22.551360	23.656432	23.184447	0.500000
78	22.596161	23.676390	22.557921	23.648376	23.201416	0.500000
79	22.600464	23.651213	22.531859	23.639284	23.204712	0.000000
80	22.623627	23.626709	22.499970	23.629212	23.201050	0.000000
81	22.642028	23.600739	22.487672	23.620543	23.198943	0.000000
82	22.584166	23.620453	22.516753	23.610198	23.204315	0.000000
83	22.525970	23.665740	22.551970	23.601927	23.218353	0.000000
84	22.466919	23.661256	22.549682	23.591034	23.225555	0.000000
85	22.488861	23.638854	22.525970	23.581573	23.224670	0.000000
86	22.650878	23.604980	22.502503	23.572783	23.218414	0.000000
87	22.576599	23.594819	22.474945	23.562408	23.211976	0.000000
88	22.461974	23.579163	22.462646	23.553010	23.203551	0.000000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
45	0.000000	1.106507	3.651000e-3
46	0.000000	1.112214	3.652000e-3
47	0.000000	1.085389	3.652000e-3
48	0.000000	1.098084	3.653000e-3
49	0.000000	1.098269	3.653000e-3
50	0.000000	1.103881	3.654000e-3
51	0.000000	1.127167	3.654000e-3
52	0.000000	1.124299	3.653000e-3
53	0.000000	1.127258	3.652000e-3
54	0.000000	1.133025	3.650000e-3
55	0.000000	1.129671	3.649000e-3
56	0.000000	1.111237	3.649000e-3
57	0.000000	1.114564	3.649000e-3
58	0.000000	1.086973	3.651000e-3
59	0.000000	1.109040	3.651000e-3
60	0.000000	1.104064	3.653000e-3
61	0.000000	1.111697	3.653000e-3
62	0.000000	1.131714	3.652000e-3
63	0.000000	1.114654	3.651000e-3
64	0.000000	1.124330	3.650000e-3
65	0.000000	1.113312	3.650000e-3
66	0.000000	1.118470	3.649000e-3
67	0.000000	1.113649	3.650000e-3
68	0.000000	1.111970	3.650000e-3
69	0.000000	1.105042	3.651000e-3
70	0.000000	1.115996	3.652000e-3
71	0.000000	1.116426	3.651000e-3
72	0.000000	1.119901	3.652000e-3
73	0.000000	1.142120	3.652000e-3
74	0.000000	1.121888	3.651000e-3
75	0.000000	1.121614	3.651000e-3
76	0.000000	1.113648	3.652000e-3
77	0.000000	1.104494	3.652000e-3
78	0.000000	1.118469	3.652000e-3
79	0.000000	1.119354	3.652000e-3
80	0.000000	1.126739	3.651000e-3
81	0.000000	1.113067	3.652000e-3
82	0.000000	1.103700	3.652000e-3
83	0.000000	1.113770	3.652000e-3
84	0.000000	1.111574	3.652000e-3
85	0.000000	1.112884	3.652000e-3
86	0.000000	1.102477	3.652000e-3
87	0.000000	1.119874	3.651000e-3
88	0.000000	1.116517	3.651000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
89	01:39:21	133.297000	9.450000	0.020000	10.380000	0.040000
90	01:45:11	133.297000	9.420000	0.070000	10.360000	0.060000
91	01:51:00	133.297000	9.520000	0.050000	10.300000	0.060000
92	01:56:51	133.297000	9.680000	0.100000	10.330000	0.050000
93	02:02:41	133.297000	9.610000	0.060000	10.430000	0.070000
94	02:08:32	133.297000	9.710000	0.030000	10.350000	0.030000
95	02:14:21	133.297000	9.660000	0.080000	10.390000	0.060000
96	02:20:11	133.297000	9.710000	0.030000	10.350000	0.040000
97	02:26:01	133.297000	9.710000	0.050000	10.440000	0.040000
98	02:31:51	133.297000	9.680000	0.080000	10.420000	0.050000
99	02:37:44	133.297000	10.070000	0.050000	10.240000	0.070000
100	02:43:36	133.297000	9.910000	0.020000	10.150000	0.050000
101	02:49:26	133.297000	9.690000	0.040000	10.240000	0.090000
102	02:55:18	133.296000	9.550000	0.080000	10.380000	0.020000
103	03:01:09	133.296000	9.570000	0.080000	10.430000	0.080000
104	03:06:59	133.297000	9.740000	0.080000	10.520000	0.080000
105	03:12:49	133.297000	9.790000	0.050000	10.440000	0.030000
106	03:18:39	133.297000	9.670000	0.050000	10.390000	0.090000
107	03:24:29	133.297000	9.720000	0.080000	10.610000	0.080000
108	03:30:20	133.297000	9.750000	0.060000	10.360000	0.060000
109	03:36:10	133.297000	9.680000	0.050000	10.450000	0.050000
110	03:42:00	133.297000	9.850000	0.080000	10.580000	0.040000
111	03:47:50	133.296000	9.680000	0.070000	10.590000	0.060000
112	03:53:40	133.297000	9.610000	0.070000	10.580000	0.060000
113	03:59:30	133.297000	9.630000	0.020000	10.520000	0.040000
114	04:05:21	133.297000	9.660000	0.050000	10.370000	0.040000
115	04:11:11	133.296000	9.690000	0.030000	10.480000	0.090000
116	04:17:01	133.297000	9.820000	0.060000	10.510000	0.030000
117	04:22:51	133.297000	9.750000	0.060000	10.560000	0.030000
118	04:28:42	133.298000	9.670000	0.050000	10.600000	0.060000
119	04:34:32	133.297000	9.780000	0.040000	10.460000	0.030000
120	04:40:24	133.297000	9.760000	0.080000	10.450000	0.050000
121	04:46:15	133.297000	9.740000	0.070000	10.500000	0.050000
122	04:52:05	133.297000	9.720000	0.030000	10.520000	0.050000
123	04:57:55	133.297000	9.710000	0.040000	10.630000	0.090000
124	05:03:45	133.297000	9.770000	0.150000	10.670000	0.050000
125	05:09:35	133.296000	9.700000	0.050000	10.760000	0.050000
126	05:15:25	133.297000	9.730000	0.080000	10.830000	0.070000
127	05:21:15	133.297000	9.950000	0.090000	10.730000	0.070000
128	05:27:05	133.296000	9.820000	0.070000	10.690000	0.050000
129	05:32:54	133.297000	9.730000	0.040000	10.710000	0.090000
130	05:38:44	133.297000	9.800000	0.060000	10.840000	0.080000
131	05:44:35	133.298000	9.780000	0.020000	10.770000	0.090000
132	05:50:25	133.297000	9.680000	0.030000	10.860000	0.070000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
89	22.601654	23.581879	22.459412	23.543212	23.196716	0.000000
90	22.524657	23.555482	22.450377	23.534058	23.189912	0.000000
91	22.546324	23.559203	22.444946	23.523803	23.184235	0.000000
92	22.510039	23.555787	22.443848	23.515869	23.178285	0.000000
93	22.430510	23.549163	22.438597	23.504212	23.173859	0.000000
94	22.437806	23.550783	22.438049	23.495820	23.169951	0.000000
95	22.428221	23.554291	22.437560	23.484008	23.162752	0.000000
96	22.500090	23.559784	22.433655	23.474243	23.164489	0.000000
97	22.498748	23.557525	22.442444	23.467254	23.161804	0.000000
98	22.558715	23.552247	22.443359	23.459595	23.161102	0.000000
99	22.531464	23.566009	22.450135	23.451906	23.161378	0.000000
100	22.378418	23.553956	22.458313	23.445129	23.162170	0.000000
101	22.505645	23.566528	22.458008	23.438538	23.161743	0.000000
102	22.456481	23.559508	22.457092	23.432006	23.163910	0.000000
103	22.469971	23.569214	22.449004	23.422973	23.162016	0.000000
104	22.406067	23.562501	22.444641	23.415038	23.161073	0.000000
105	22.436065	23.555542	22.439727	23.409791	23.159668	0.000000
106	22.361633	23.560302	22.430419	23.400696	23.156159	0.000000
107	22.409119	23.586274	22.462494	23.395049	23.159669	0.000000
108	22.452759	23.615144	22.501587	23.387056	23.172150	0.000000
109	22.389893	23.606140	22.503387	23.377655	23.180573	0.000000
110	22.399475	23.585601	22.461762	23.370392	23.177032	0.000000
111	22.333526	23.527558	22.411225	23.362213	23.160369	0.000000
112	22.373719	23.504091	22.390015	23.355103	23.147950	0.000000
113	22.352232	23.522186	22.410768	23.349031	23.145263	0.000000
114	22.405028	23.557282	22.467651	23.342711	23.153929	0.000000
115	22.351441	23.603332	22.506928	23.335329	23.168245	0.000000
116	22.285461	23.612365	22.503937	23.327668	23.179048	0.000000
117	22.397155	23.597656	22.475801	23.323426	23.177553	0.000000
118	22.388548	23.581422	22.444367	23.317476	23.171602	0.000000
119	22.376677	23.547059	22.421327	23.309541	23.161988	0.000000
120	22.361235	23.532105	22.425995	23.302186	23.156739	0.000000
121	22.341613	23.536009	22.431672	23.298339	23.155182	0.000000
122	22.375884	23.544585	22.435792	23.294463	23.154113	0.000000
123	22.336394	23.540129	22.447174	23.289246	23.153444	0.000000
124	22.206573	23.573455	22.459291	23.281524	23.158538	0.000000
125	22.274780	23.577942	22.473144	23.275756	23.164216	0.000000
126	22.327392	23.595643	22.485899	23.270844	23.172607	0.000000
127	22.314910	23.623778	22.498444	23.264985	23.180786	0.000000
128	22.329406	23.620790	22.510161	23.256378	23.186646	0.000000
129	22.322754	23.624510	22.507843	23.250122	23.194305	0.000000
130	22.255768	23.596466	22.474549	23.242279	23.189788	0.000000
131	22.295563	23.563659	22.447114	23.236572	23.180725	0.000000
132	22.355194	23.553223	22.436676	23.230682	23.175079	0.000000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
89	0.000000	1.122467	3.651000e-3
90	0.000000	1.105105	3.651000e-3
91	0.000000	1.114257	3.651000e-3
92	0.000000	1.111939	3.651000e-3
93	0.000000	1.110566	3.651000e-3
94	0.000000	1.112734	3.651000e-3
95	0.000000	1.116731	3.651000e-3
96	0.000000	1.126129	3.651000e-3
97	0.000000	1.115081	3.651000e-3
98	0.000000	1.108888	3.651000e-3
99	0.000000	1.115874	3.651000e-3
100	0.000000	1.095643	3.651000e-3
101	0.000000	1.108520	3.651000e-3
102	0.000000	1.102416	3.652000e-3
103	0.000000	1.120210	3.651000e-3
104	-0.500000	1.117860	3.651000e-3
105	-0.500000	1.115815	3.651000e-3
106	-0.500000	1.129883	3.651000e-3
107	-0.500000	1.123780	3.651000e-3
108	-0.500000	1.113557	3.652000e-3
109	-0.500000	1.102753	3.652000e-3
110	-0.500000	1.123839	3.651000e-3
111	-0.500000	1.116333	3.651000e-3
112	-0.500000	1.114076	3.651000e-3
113	-0.500000	1.111418	3.651000e-3
114	-0.500000	1.089631	3.651000e-3
115	-0.500000	1.096404	3.651000e-3
116	-0.500000	1.108428	3.652000e-3
117	-0.500000	1.121855	3.652000e-3
118	-0.500000	1.137055	3.651000e-3
119	-0.500000	1.125732	3.651000e-3
120	-0.500000	1.106110	3.652000e-3
121	-0.500000	1.104337	3.651000e-3
122	-0.500000	1.108793	3.651000e-3
123	-0.500000	1.092955	3.651000e-3
124	-0.500000	1.114164	3.651000e-3
125	-0.500000	1.104798	3.651000e-3
126	-0.500000	1.109744	3.651000e-3
127	-0.500000	1.125334	3.652000e-3
128	-0.500000	1.110629	3.652000e-3
129	-0.500000	1.116667	3.652000e-3
130	-0.500000	1.121917	3.652000e-3
131	-0.500000	1.116545	3.651000e-3
132	-0.500000	1.116547	3.651000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
133	05:56:15	133.297000	9.760000	0.050000	10.850000	0.040000
134	06:02:05	133.296000	9.970000	0.030000	10.700000	0.010000
135	06:07:54	133.296000	9.790000	0.040000	10.800000	0.060000
136	06:13:45	133.297000	9.730000	0.070000	10.850000	0.050000
137	06:19:34	133.298000	9.850000	0.040000	10.780000	0.060000
138	06:25:24	133.298000	9.730000	0.050000	10.790000	0.110000
139	06:31:14	133.297000	9.980000	0.040000	10.680000	0.030000
140	06:37:04	133.297000	9.930000	0.030000	10.670000	0.070000
141	06:42:53	133.298000	9.700000	0.050000	10.800000	0.070000
142	06:48:43	133.297000	9.780000	0.040000	10.800000	0.040000
143	06:54:33	133.297000	9.840000	0.060000	10.720000	0.030000
144	07:00:23	133.297000	9.920000	0.060000	10.750000	0.090000
145	07:06:13	133.297000	10.010000	0.020000	10.730000	0.040000
146	07:12:03	133.296000	9.860000	0.060000	10.690000	0.070000
147	07:17:53	133.296000	9.770000	0.090000	10.840000	0.180000
148	07:23:43	133.297000	9.770000	0.020000	11.110000	0.030000
149	07:29:33	133.297000	9.850000	0.030000	11.040000	0.040000
150	07:35:23	133.297000	9.900000	0.040000	11.110000	0.090000
151	07:41:13	133.297000	10.030000	0.040000	10.990000	0.070000
152	07:47:03	133.298000	10.040000	0.050000	11.030000	0.080000
153	07:52:53	133.297000	9.950000	0.070000	10.980000	0.050000
154	07:58:43	133.297000	9.910000	0.030000	11.030000	0.070000
155	08:04:33	133.298000	9.750000	0.030000	11.200000	0.050000
156	08:10:22	133.298000	9.790000	0.080000	11.290000	0.030000
157	08:16:12	133.297000	10.030000	0.120000	11.070000	0.100000
158	08:22:02	133.298000	9.750000	0.070000	11.000000	0.060000
159	08:27:52	133.297000	9.740000	0.030000	11.080000	0.050000
160	08:33:43	133.297000	9.920000	0.070000	11.180000	0.020000
161	08:39:33	133.297000	9.790000	0.130000	11.310000	0.080000
162	08:45:22	133.297000	9.940000	0.120000	11.190000	0.070000
163	08:51:13	133.298000	9.850000	0.070000	11.120000	0.050000
164	08:57:03	133.298000	9.700000	0.020000	11.190000	0.030000
165	09:02:53	133.297000	9.700000	0.050000	11.350000	0.110000
166	09:08:43	133.297000	9.800000	0.040000	11.470000	0.020000
167	09:14:33	133.297000	9.840000	0.080000	11.350000	0.060000
168	09:20:22	133.298000	9.700000	0.060000	11.370000	0.050000
169	09:26:13	133.297000	9.790000	0.020000	11.260000	0.080000
170	09:32:03	133.298000	9.850000	0.030000	11.240000	0.070000
171	09:37:53	133.298000	9.820000	0.040000	11.220000	0.070000
172	09:43:43	133.298000	9.890000	0.060000	11.390000	0.090000
173	09:49:33	133.297000	9.870000	0.020000	11.430000	0.040000
174	09:55:23	133.297000	9.850000	0.040000	11.330000	0.030000
175	10:01:13	133.297000	9.960000	0.040000	11.240000	0.030000
176	10:07:04	133.298000	9.740000	0.080000	11.230000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
133	22.269713	23.541290	22.431273	23.223297	23.169129	0.000000
134	22.231230	23.541169	22.424255	23.217164	23.164641	0.000000
135	22.260284	23.506469	22.412751	23.211884	23.156738	0.000000
136	22.243652	23.530488	22.420838	23.207460	23.153076	0.000000
137	22.327759	23.537660	22.428069	23.202637	23.152314	0.000000
138	22.279479	23.541961	22.435393	23.195738	23.152741	0.000000
139	22.222380	23.533844	22.451598	23.192077	23.151489	0.000000
140	22.198212	23.576202	22.457854	23.187470	23.158385	0.000000
141	22.204589	23.564911	22.467103	23.181273	23.160858	0.000000
142	22.182891	23.584868	22.479797	23.175507	23.170288	0.000000
143	22.258300	23.603394	22.489013	23.171691	23.173186	0.000000
144	22.278625	23.586669	22.503205	23.165925	23.181673	0.000000
145	22.252044	23.617949	22.514649	23.160158	23.191193	0.000000
146	22.184264	23.627076	22.527833	23.153655	23.200899	0.000000
147	22.141723	23.641419	22.517458	23.148256	23.206544	0.000000
148	22.196960	23.606841	22.475342	23.140594	23.198943	0.000000
149	22.205231	23.573882	22.448577	23.135407	23.190523	0.000000
150	22.166106	23.548828	22.444733	23.127379	23.183563	0.000000
151	22.186095	23.578218	22.446838	23.120392	23.182921	0.000000
152	22.164673	23.580200	22.456023	23.117218	23.181673	0.000000
153	22.158081	23.588805	22.458191	23.111145	23.182159	0.000000
154	22.125580	23.592834	22.469940	23.107788	23.181732	0.000000
155	22.182495	23.567353	22.476716	23.104616	23.180237	0.000000
156	22.235381	23.595490	22.485718	23.099549	23.187287	0.000000
157	22.218565	23.604799	22.499939	23.095704	23.192901	0.000000
158	22.105956	23.596283	22.514526	23.091858	23.196717	0.000000
159	22.209229	23.623901	22.514863	23.089141	23.205382	0.000000
160	22.229430	23.607115	22.507844	23.085846	23.206361	0.000000
161	22.029387	23.609589	22.519653	23.081450	23.206238	0.000000
162	22.193877	23.624878	22.527130	23.077607	23.214326	0.000000
163	22.208557	23.636048	22.538422	23.076233	23.217530	0.000000
164	22.118804	23.645751	22.551422	23.074278	23.226014	0.000000
165	22.096984	23.650116	22.568176	23.071716	23.229461	0.000000
166	22.143433	23.681671	22.585144	23.071351	23.244233	0.000000
167	22.099792	23.698363	22.583832	23.069977	23.253112	0.000000
168	22.180480	23.679261	22.596955	23.068116	23.257936	0.000000
169	22.178435	23.684998	22.615600	23.071289	23.268676	0.000000
170	22.175719	23.721955	22.640656	23.072541	23.281219	0.000000
171	22.274963	23.760101	22.678070	23.079743	23.302063	0.000000
172	22.228820	23.762450	22.703278	23.082519	23.316772	0.000000
173	22.252166	23.780823	22.717621	23.086943	23.330566	0.000000
174	22.264373	23.785400	22.709259	23.091493	23.342652	0.000000
175	22.267577	23.770052	22.704010	23.099181	23.347747	0.000000
176	22.394897	23.770662	22.722198	23.108430	23.356201	0.000000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
133	-0.500000	1.110017	3.651000e-3
134	-0.500000	1.116914	3.651000e-3
135	-0.500000	1.093718	3.651000e-3
136	-0.500000	1.109650	3.651000e-3
137	-0.500000	1.109591	3.651000e-3
138	-0.500000	1.106568	3.651000e-3
139	-0.500000	1.082246	3.651000e-3
140	-0.500000	1.118348	3.651000e-3
141	-0.500000	1.097808	3.652000e-3
142	-0.500000	1.105071	3.652000e-3
143	-0.500000	1.114381	3.652000e-3
144	-0.500000	1.083464	3.652000e-3
145	-0.500000	1.103300	3.652000e-3
146	-0.500000	1.099243	3.653000e-3
147	-0.500000	1.123961	3.652000e-3
148	-0.500000	1.131499	3.652000e-3
149	-0.500000	1.125305	3.652000e-3
150	-0.500000	1.104095	3.652000e-3
151	-0.500000	1.131380	3.652000e-3
152	-0.500000	1.124177	3.653000e-3
153	-0.500000	1.130614	3.652000e-3
154	-0.500000	1.122894	3.652000e-3
155	-0.500000	1.090637	3.652000e-3
156	-0.500000	1.109772	3.652000e-3
157	-0.500000	1.104860	3.653000e-3
158	-0.500000	1.081757	3.652000e-3
159	-0.500000	1.109038	3.653000e-3
160	-0.500000	1.099271	3.652000e-3
161	-0.500000	1.089936	3.653000e-3
162	-0.500000	1.097748	3.653000e-3
163	-0.500000	1.097626	3.653000e-3
164	-0.500000	1.094329	3.653000e-3
165	-0.500000	1.081940	3.653000e-3
166	-0.500000	1.096527	3.653000e-3
167	-0.500000	1.114531	3.653000e-3
168	-0.500000	1.082306	3.653000e-3
169	-0.500000	1.069398	3.654000e-3
170	-0.500000	1.081299	3.654000e-3
171	-0.500000	1.082031	3.654000e-3
172	-0.500000	1.059172	3.654000e-3
173	-0.500000	1.063202	3.655000e-3
174	-0.500000	1.076141	3.654000e-3
175	-0.500000	1.066042	3.655000e-3
176	-1.000000	1.048464	3.654000e-3