

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
1	16:30:01	133.290000	11.520000	0.280000	5.880000	0.360000
2	16:35:50	133.290000	10.330000	0.030000	7.630000	0.030000
3	16:41:39	133.291000	10.260000	0.030000	7.710000	0.050000
4	16:47:27	133.290000	10.230000	0.030000	7.880000	0.040000
5	16:53:16	133.290000	10.220000	0.040000	7.810000	0.020000
6	16:59:05	133.290000	10.270000	0.040000	7.760000	0.030000
7	17:04:54	133.291000	10.160000	0.050000	7.800000	0.030000
8	17:10:43	133.291000	10.120000	0.060000	7.760000	0.060000
9	17:16:31	133.291000	10.020000	0.050000	7.920000	0.060000
10	17:22:20	133.291000	10.020000	0.040000	8.170000	0.050000
11	17:28:08	133.291000	10.200000	0.080000	8.280000	0.020000
12	17:33:57	133.291000	10.120000	0.040000	8.130000	0.060000
13	17:39:46	133.291000	10.230000	0.070000	7.940000	0.060000
14	17:45:34	133.291000	10.120000	0.080000	7.930000	0.060000
15	17:51:23	133.291000	9.990000	0.020000	7.860000	0.030000
16	17:57:11	133.292000	9.940000	0.030000	7.910000	0.030000
17	18:03:00	133.292000	10.160000	0.020000	7.840000	0.050000
18	18:08:49	133.291000	10.120000	0.040000	7.920000	0.060000
19	18:14:37	133.291000	10.270000	0.090000	7.890000	0.030000
20	18:20:26	133.291000	10.300000	0.120000	7.970000	0.090000
21	18:26:15	133.292000	10.090000	0.080000	7.710000	0.070000
22	18:32:03	133.292000	9.870000	0.040000	7.660000	0.040000
23	18:37:52	133.291000	9.980000	0.070000	7.730000	0.060000
24	18:43:40	133.292000	10.140000	0.060000	7.750000	0.050000
25	18:49:28	133.291000	10.260000	0.060000	7.720000	0.060000
26	18:55:16	133.291000	10.280000	0.060000	7.630000	0.050000
27	19:01:04	133.291000	10.070000	0.030000	7.680000	0.060000
28	19:06:52	133.292000	10.110000	0.050000	7.660000	0.070000
29	19:12:41	133.292000	10.010000	0.070000	7.780000	0.110000
30	19:18:29	133.291000	9.930000	0.080000	7.800000	0.040000
31	19:24:17	133.292000	10.090000	0.030000	7.670000	0.090000
32	19:30:06	133.292000	10.110000	0.010000	7.720000	0.040000
33	19:35:55	133.292000	10.020000	0.080000	7.450000	0.030000
34	19:41:43	133.291000	10.180000	0.020000	7.470000	0.040000
35	19:47:31	133.291000	10.120000	0.070000	7.410000	0.040000
36	19:53:20	133.292000	10.220000	0.050000	7.540000	0.070000
37	19:59:08	133.292000	10.280000	0.030000	7.580000	0.060000
38	20:04:57	133.292000	10.320000	0.080000	7.420000	0.020000
39	20:10:45	133.291000	10.220000	0.060000	7.500000	0.040000
40	20:16:33	133.292000	10.090000	0.030000	7.430000	0.050000
41	20:22:21	133.292000	10.090000	0.060000	7.360000	0.030000
42	20:28:09	133.291000	10.110000	0.060000	7.270000	0.030000
43	20:33:58	133.292000	10.050000	0.060000	7.180000	0.100000
44	20:39:46	133.292000	10.090000	0.060000	7.180000	0.160000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
1	24.636962	24.482331	23.396515	25.145112	23.840057	0.000000
2	24.700591	24.403319	23.290191	25.167145	23.840333	0.000000
3	24.784941	24.301667	23.217469	25.188232	23.826355	0.000000
4	24.820036	24.250579	23.187471	25.214600	23.813109	0.000000
5	24.838194	24.292664	23.238861	25.238373	23.818602	0.000000
6	24.863190	24.423890	23.363525	25.262085	23.852509	0.000000
7	24.859986	24.555603	23.482329	25.286439	23.900910	0.000000
8	24.893524	24.653747	23.572937	25.308350	23.952515	0.000000
9	24.948639	24.674073	23.592834	25.332031	23.992371	0.000000
10	24.971435	24.608582	23.529694	25.358824	24.006590	0.000000
11	25.030212	24.483215	23.408235	25.383821	23.992614	0.000000
12	25.061187	24.351411	23.296203	25.409514	23.961060	0.000000
13	25.086579	24.267152	23.223938	25.434876	23.926881	0.000000
14	25.097045	24.270905	23.234497	25.458589	23.907807	0.000000
15	25.111877	24.346099	23.315278	25.482972	23.912138	0.000000
16	25.126373	24.450163	23.411407	25.504547	23.934479	0.000000
17	25.175354	24.527955	23.483308	25.528322	23.962218	0.000000
18	25.190765	24.555238	23.505555	25.549958	23.984681	0.000000
19	25.178284	24.500946	23.444336	25.571747	23.985596	0.000000
20	25.229277	24.373811	23.315672	25.593323	23.959319	0.000000
21	25.213227	24.229675	23.186250	25.614013	23.912658	0.000000
22	25.236785	24.127503	23.096680	25.632414	23.862671	0.000000
23	25.238432	24.106597	23.079255	25.652619	23.826783	0.000000
24	25.242919	24.147125	23.125427	25.668762	23.809599	0.000000
25	25.211060	24.248230	23.225708	25.683656	23.817292	0.000000
26	25.219483	24.357635	23.323243	25.698943	23.841156	0.000000
27	25.244445	24.430359	23.381012	25.711548	23.867584	0.000000
28	25.209870	24.419891	23.354034	25.723419	23.879090	0.000000
29	25.189940	24.314179	23.245271	25.733520	23.862242	0.000000
30	25.204589	24.150970	23.090393	25.741455	23.816896	0.000000
31	25.153899	24.004548	22.951386	25.748077	23.758698	0.000000
32	25.128204	23.933501	22.891266	25.752626	23.707123	0.000000
33	25.121154	23.939604	22.901580	25.758056	23.673645	0.000000
34	25.124053	24.008026	22.968019	25.760589	23.662079	0.000000
35	25.127105	24.090972	23.037567	25.764893	23.667054	0.000000
36	25.067534	24.143187	23.082092	25.766234	23.675415	0.000000
37	25.072021	24.147949	23.077913	25.768065	23.676820	0.000000
38	24.972565	24.049745	22.970186	25.769532	23.652832	0.000000
39	24.938933	23.890197	22.819031	25.767364	23.601043	0.000000
40	25.034575	23.767915	22.709687	25.765565	23.542848	0.000000
41	24.993407	23.719726	22.673340	25.762908	23.495393	0.500000
42	25.058319	23.740478	22.693878	25.759094	23.466095	0.500000
43	24.963989	23.828979	22.783876	25.753632	23.461976	0.500000
44	24.959290	23.961181	22.904205	25.749603	23.483185	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
1	0.000000	1.085816	3.651000e-3
2	0.000000	1.113128	3.651000e-3
3	0.000000	1.084198	3.650000e-3
4	0.000000	1.063108	3.649000e-3
5	0.000000	1.053803	3.650000e-3
6	0.000000	1.060365	3.652000e-3
7	0.000000	1.073274	3.653000e-3
8	-0.500000	1.080810	3.654000e-3
9	-0.500000	1.081239	3.654000e-3
10	-0.500000	1.078888	3.653000e-3
11	-0.500000	1.074980	3.652000e-3
12	-0.500000	1.055208	3.651000e-3
13	-0.500000	1.043214	3.650000e-3
14	-0.500000	1.036408	3.650000e-3
15	-0.500000	1.030821	3.651000e-3
16	-0.500000	1.038756	3.652000e-3
17	-0.500000	1.044647	3.653000e-3
18	-0.500000	1.049683	3.653000e-3
19	-0.500000	1.056610	3.652000e-3
20	-0.500000	1.058139	3.651000e-3
21	-0.500000	1.043425	3.649000e-3
22	-0.500000	1.030823	3.649000e-3
23	0.000000	1.027342	3.649000e-3
24	0.000000	1.021698	3.650000e-3
25	0.000000	1.022522	3.651000e-3
26	0.000000	1.034392	3.651000e-3
27	0.000000	1.049347	3.652000e-3
28	0.000000	1.065857	3.651000e-3
29	0.000000	1.068908	3.650000e-3
30	0.000000	1.060577	3.649000e-3
31	0.000000	1.053162	3.648000e-3
32	0.000000	1.042235	3.648000e-3
33	0.000000	1.038024	3.648000e-3
34	0.000000	1.040007	3.649000e-3
35	0.500000	1.053405	3.650000e-3
36	0.500000	1.061095	3.650000e-3
37	0.500000	1.070036	3.650000e-3
38	0.000000	1.079559	3.649000e-3
39	0.000000	1.071166	3.647000e-3
40	0.500000	1.058228	3.646000e-3
41	0.500000	1.046386	3.646000e-3
42	0.500000	1.046600	3.646000e-3
43	0.500000	1.045103	3.647000e-3
44	0.500000	1.056976	3.649000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
45	20:45:36	133.291000	10.040000	0.050000	7.270000	0.050000
46	20:51:24	133.291000	10.080000	0.030000	7.430000	0.040000
47	20:57:13	133.291000	10.090000	0.060000	7.430000	0.010000
48	21:03:01	133.291000	10.110000	0.120000	7.540000	0.050000
49	21:08:50	133.291000	10.010000	0.080000	7.600000	0.050000
50	21:14:38	133.291000	10.170000	0.040000	7.470000	0.070000
51	21:20:27	133.291000	10.030000	0.030000	7.350000	0.040000
52	21:26:16	133.291000	9.950000	0.070000	7.390000	0.110000
53	21:32:04	133.291000	9.880000	0.050000	7.390000	0.050000
54	21:37:53	133.291000	9.850000	0.080000	7.550000	0.070000
55	21:43:42	133.291000	9.740000	0.050000	7.560000	0.090000
56	21:49:30	133.291000	10.020000	0.030000	7.700000	0.010000
57	21:55:19	133.291000	9.980000	0.040000	7.760000	0.050000
58	22:01:08	133.291000	9.960000	0.020000	7.780000	0.070000
59	22:06:55	133.291000	10.070000	0.030000	7.670000	0.060000
60	22:12:44	133.291000	9.860000	0.040000	7.670000	0.020000
61	22:18:33	133.291000	9.700000	0.010000	7.670000	0.030000
62	22:24:21	133.292000	9.710000	0.060000	7.760000	0.060000
63	22:30:10	133.291000	9.740000	0.030000	7.820000	0.020000
64	22:35:59	133.291000	9.900000	0.070000	7.670000	0.030000
65	22:41:47	133.291000	10.050000	0.050000	7.800000	0.040000
66	22:47:36	133.290000	9.920000	0.020000	7.870000	0.020000
67	22:53:24	133.290000	10.180000	0.050000	7.920000	0.050000
68	22:59:13	133.291000	9.980000	0.060000	7.930000	0.010000
69	23:05:01	133.291000	9.990000	0.020000	8.130000	0.040000
70	23:10:50	133.292000	9.790000	0.030000	8.110000	0.060000
71	23:16:39	133.291000	9.830000	0.040000	8.240000	0.040000
72	23:22:28	133.291000	9.760000	0.080000	8.250000	0.080000
73	23:28:17	133.291000	9.890000	0.050000	8.200000	0.040000
74	23:34:06	133.291000	9.940000	0.110000	8.120000	0.060000
75	23:39:54	133.291000	9.840000	0.110000	8.030000	0.100000
76	23:45:43	133.291000	9.870000	0.030000	7.990000	0.090000
77	23:51:31	133.291000	10.040000	0.040000	8.090000	0.040000
78	23:57:20	133.291000	9.950000	0.050000	8.160000	0.010000
79	00:03:08	133.291000	9.890000	0.050000	8.320000	0.060000
80	00:08:56	133.291000	9.830000	0.020000	8.320000	0.060000
81	00:14:44	133.291000	9.910000	0.130000	8.400000	0.100000
82	00:20:33	133.291000	9.890000	0.060000	8.270000	0.090000
83	00:26:22	133.291000	9.940000	0.020000	8.270000	0.050000
84	00:32:10	133.291000	9.990000	0.070000	8.090000	0.080000
85	00:37:58	133.290000	9.710000	0.090000	8.170000	0.110000
86	00:43:47	133.291000	9.770000	0.060000	8.210000	0.080000
87	00:49:35	133.291000	9.690000	0.050000	8.270000	0.030000
88	00:55:23	133.290000	9.850000	0.060000	8.380000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	MagSteel(near pole	2-HeidenhainR(um
45	24.915528	24.090944	23.021302	25.743865	23.519073	0.500000
46	24.902343	24.187743	23.102936	25.738190	23.561310	0.500000
47	24.882049	24.179535	23.082307	25.733886	23.584657	0.500000
48	24.802856	24.069429	22.965425	25.726350	23.573975	0.500000
49	24.834136	23.930939	22.844759	25.719421	23.541839	0.500000
50	24.777495	23.843475	22.758422	25.709533	23.507690	0.500000
51	24.739410	23.805756	22.726472	25.699219	23.478578	0.500000
52	24.625365	23.808563	22.726745	25.687805	23.459015	0.500000
53	24.625823	23.847441	22.765471	25.675690	23.451874	0.500000
54	24.719758	23.928376	22.842804	25.663666	23.464418	0.500000
55	24.586181	23.995940	22.908263	25.654358	23.482240	0.500000
56	24.632630	24.045989	22.950318	25.642121	23.504700	0.500000
57	24.509613	24.078278	22.975526	25.629151	23.523774	0.500000
58	24.542419	24.062286	22.946840	25.618317	23.535004	0.500000
59	24.635071	23.945007	22.823456	25.608764	23.514251	0.500000
60	24.542510	23.769805	22.656372	25.596008	23.461304	0.500000
61	24.565429	23.630219	22.535432	25.582122	23.401000	0.500000
62	24.546113	23.569731	22.481231	25.568358	23.350893	0.500000
63	24.540495	23.582612	22.503752	25.555176	23.318420	0.500000
64	24.349792	23.668396	22.585540	25.542755	23.311584	0.500000
65	24.327118	23.787811	22.698364	25.528869	23.328431	0.500000
66	24.368407	23.906587	22.804046	25.515168	23.360963	0.500000
67	24.322662	23.971710	22.860932	25.501313	23.391387	0.500000
68	24.328064	23.937408	22.812257	25.486846	23.402589	0.500000
69	24.324431	23.809387	22.682801	25.470886	23.379944	0.500000
70	24.324707	23.678711	22.565674	25.458953	23.340058	0.500000
71	24.359498	23.606201	22.501587	25.442443	23.301301	0.500000
72	24.326934	23.573760	22.472198	25.426789	23.269928	0.500000
73	24.307372	23.569426	22.475219	25.413514	23.246216	0.500000
74	24.245789	23.629151	22.534668	25.398803	23.242034	0.500000
75	24.227204	23.723328	22.623506	25.386322	23.258514	0.500000
76	24.262452	23.803648	22.697876	25.371490	23.281464	0.500000
77	24.310975	23.847352	22.734191	25.359375	23.302856	0.500000
78	24.191436	23.857270	22.744688	25.347076	23.320375	0.500000
79	24.168181	23.837342	22.715086	25.333710	23.327972	0.500000
80	24.227967	23.730195	22.600525	25.318268	23.307739	0.500000
81	24.193511	23.565948	22.446290	25.305907	23.258515	0.500000
82	24.094452	23.457000	22.351593	25.291259	23.207367	0.500000
83	24.150390	23.424592	22.321381	25.276703	23.168120	0.500000
84	24.135894	23.457214	22.362060	25.261352	23.146424	0.500000
85	24.080262	23.550810	22.453186	25.247620	23.149597	0.500000
86	24.192779	23.662689	22.566314	25.235838	23.173645	0.500000
87	24.166259	23.785644	22.681427	25.225525	23.211213	0.500000
88	24.147248	23.867403	22.753663	25.217590	23.251464	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
45	0.500000	1.069642	3.650000e-3
46	0.500000	1.084807	3.650000e-3
47	0.500000	1.097228	3.650000e-3
48	0.500000	1.104004	3.649000e-3
49	0.500000	1.086180	3.648000e-3
50	0.500000	1.085053	3.647000e-3
51	0.500000	1.079284	3.647000e-3
52	0.500000	1.081818	3.647000e-3
53	0.500000	1.081970	3.647000e-3
54	0.500000	1.085572	3.648000e-3
55	0.500000	1.087677	3.649000e-3
56	0.500000	1.095671	3.649000e-3
57	0.500000	1.102752	3.649000e-3
58	0.500000	1.115446	3.649000e-3
59	0.500000	1.121551	3.648000e-3
60	0.500000	1.113433	3.646000e-3
61	0.500000	1.094787	3.645000e-3
62	0.500000	1.088500	3.645000e-3
63	0.500000	1.078860	3.645000e-3
64	0.500000	1.082856	3.646000e-3
65	0.500000	1.089447	3.647000e-3
66	0.500000	1.102541	3.648000e-3
67	0.500000	1.110778	3.648000e-3
68	0.500000	1.125151	3.648000e-3
69	0.500000	1.126586	3.646000e-3
70	0.500000	1.113037	3.645000e-3
71	0.500000	1.104614	3.645000e-3
72	0.500000	1.101562	3.645000e-3
73	0.500000	1.094207	3.645000e-3
74	0.500000	1.094483	3.645000e-3
75	0.500000	1.099822	3.646000e-3
76	0.500000	1.105772	3.647000e-3
77	0.500000	1.113161	3.647000e-3
78	0.500000	1.112582	3.648000e-3
79	0.500000	1.122256	3.647000e-3
80	0.500000	1.129670	3.645000e-3
81	0.500000	1.119658	3.645000e-3
82	0.500000	1.105407	3.644000e-3
83	0.500000	1.103211	3.644000e-3
84	0.500000	1.095154	3.643000e-3
85	0.500000	1.097624	3.645000e-3
86	0.500000	1.096375	3.646000e-3
87	0.500000	1.104217	3.647000e-3
88	0.500000	1.113740	3.648000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
89	01:01:11	133.290000	9.780000	0.090000	8.500000	0.070000
90	01:07:00	133.291000	9.780000	0.050000	8.520000	0.070000
91	01:12:49	133.291000	9.700000	0.070000	8.430000	0.080000
92	01:18:38	133.291000	9.930000	0.130000	8.470000	0.090000
93	01:24:26	133.290000	9.840000	0.040000	8.600000	0.020000
94	01:30:15	133.291000	9.880000	0.030000	8.510000	0.050000
95	01:36:04	133.291000	9.860000	0.070000	8.600000	0.100000
96	01:41:52	133.291000	9.920000	0.030000	8.520000	0.050000
97	01:47:41	133.290000	9.830000	0.080000	8.450000	0.020000
98	01:53:30	133.291000	9.890000	0.030000	8.460000	0.040000
99	01:59:19	133.291000	9.780000	0.060000	8.450000	0.050000
100	02:05:08	133.291000	9.870000	0.040000	8.450000	0.010000
101	02:10:57	133.291000	10.070000	0.030000	8.460000	0.090000
102	02:16:46	133.292000	10.120000	0.070000	8.460000	0.040000
103	02:22:35	133.291000	10.030000	0.040000	8.470000	0.060000
104	02:28:24	133.291000	9.970000	0.060000	8.360000	0.030000
105	02:34:13	133.292000	9.860000	0.060000	8.430000	0.070000
106	02:40:01	133.292000	10.020000	0.040000	8.590000	0.050000
107	02:45:51	133.291000	9.780000	0.050000	8.670000	0.030000
108	02:51:40	133.290000	9.920000	0.060000	8.750000	0.050000
109	02:57:28	133.292000	9.810000	0.080000	8.740000	0.040000
110	03:03:16	133.291000	9.870000	0.090000	8.690000	0.070000
111	03:09:05	133.291000	10.040000	0.080000	8.830000	0.020000
112	03:14:54	133.292000	9.980000	0.040000	8.780000	0.050000
113	03:20:43	133.291000	9.910000	0.060000	8.850000	0.050000
114	03:26:32	133.291000	9.980000	0.040000	8.800000	0.030000
115	03:32:22	133.291000	9.760000	0.040000	8.790000	0.060000
116	03:38:11	133.291000	9.750000	0.050000	8.880000	0.050000
117	03:44:00	133.292000	9.850000	0.060000	8.900000	0.090000
118	03:49:49	133.291000	9.790000	0.060000	8.820000	0.060000
119	03:55:38	133.291000	9.840000	0.050000	8.810000	0.120000
120	04:01:27	133.292000	9.640000	0.050000	8.720000	0.060000
121	04:07:16	133.292000	9.760000	0.070000	8.800000	0.070000
122	04:13:05	133.291000	9.700000	0.080000	8.890000	0.090000
123	04:18:54	133.292000	9.570000	0.020000	9.070000	0.030000
124	04:24:43	133.292000	9.760000	0.020000	9.030000	0.030000
125	04:30:32	133.292000	9.960000	0.050000	8.880000	0.080000
126	04:36:21	133.290000	9.940000	0.060000	8.820000	0.070000
127	04:42:10	133.291000	9.920000	0.020000	8.770000	0.060000
128	04:47:59	133.292000	9.850000	0.040000	8.790000	0.050000
129	04:53:48	133.292000	9.920000	0.050000	8.750000	0.050000
130	04:59:37	133.292000	9.620000	0.120000	9.030000	0.060000
131	05:05:26	133.291000	9.850000	0.040000	8.930000	0.050000
132	05:11:15	133.291000	9.910000	0.050000	8.870000	0.110000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	MagSteel(near pole	2-HeidenhainR(um
89	24.043579	23.856538	22.733338	25.209198	23.274141	0.500000
90	24.275207	23.733430	22.613189	25.200074	23.262054	0.500000
91	24.203979	23.593019	22.477203	25.191466	23.225434	0.500000
92	24.154052	23.492798	22.386964	25.183930	23.184845	0.500000
93	24.150390	23.441681	22.340850	25.175538	23.149109	0.500000
94	24.136137	23.406435	22.306672	25.168519	23.116334	0.500000
95	24.148497	23.403106	22.317994	25.160737	23.090637	0.500000
96	24.256165	23.462556	22.376893	25.154051	23.085205	0.500000
97	24.157013	23.562407	22.468048	25.149169	23.100312	0.500000
98	24.100341	23.646759	22.549043	25.144684	23.124146	0.500000
99	24.158720	23.688292	22.582459	25.138917	23.145233	0.500000
100	24.273223	23.697142	22.590911	25.133697	23.160828	0.500000
101	24.218993	23.673644	22.568116	25.131288	23.166962	0.500000
102	24.219238	23.637176	22.534118	25.126281	23.164398	0.500000
103	24.223999	23.632203	22.536072	25.122742	23.165068	0.500000
104	24.222321	23.685545	22.587953	25.118346	23.179780	0.500000
105	24.177825	23.739441	22.633545	25.113068	23.202363	0.500000
106	24.131317	23.739229	22.624574	25.107178	23.214355	0.500000
107	24.150910	23.694548	22.586151	25.100829	23.213623	0.500000
108	24.072296	23.655580	22.546265	25.095521	23.206419	0.500000
109	24.135131	23.636231	22.533659	25.091553	23.199462	0.500000
110	24.125244	23.669860	22.573547	25.086275	23.205963	0.500000
111	24.179077	23.735383	22.638640	25.083770	23.225708	0.500000
112	24.151396	23.770021	22.661774	25.077819	23.242372	0.500000
113	24.060485	23.742493	22.632262	25.074920	23.245544	0.500000
114	24.110808	23.680177	22.569306	25.072632	23.235106	0.500000
115	24.138183	23.631622	22.525267	25.066133	23.220093	0.500000
116	24.208953	23.619658	22.526124	25.064759	23.209534	0.500000
117	24.115905	23.667360	22.572143	25.063354	23.214631	0.500000
118	24.262695	23.739715	22.641817	25.060699	23.232759	0.500000
119	24.215118	23.824068	22.726715	25.055633	23.264403	0.500000
120	24.196105	23.909760	22.797729	25.052124	23.302338	0.500000
121	24.146087	23.903993	22.780029	25.048340	23.325257	0.500000
122	24.076354	23.775908	22.647768	25.043824	23.310058	0.000000
123	24.096100	23.628051	22.510771	25.039734	23.269743	0.000000
124	24.086394	23.537108	22.430358	25.035432	23.230712	0.000000
125	24.108796	23.482881	22.382597	25.031524	23.193573	0.500000
126	24.131865	23.496247	22.405916	25.027071	23.171448	0.500000
127	23.974730	23.573365	22.482331	25.023529	23.172851	0.500000
128	24.067230	23.648591	22.548613	25.022614	23.184814	0.500000
129	24.135742	23.689301	22.585144	25.021331	23.197112	0.500000
130	24.284911	23.705658	22.605744	25.020051	23.205780	0.500000
131	24.217803	23.716461	22.611908	25.020752	23.215057	0.500000
132	24.207885	23.706604	22.602875	25.019501	23.217742	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
89	0.500000	1.123200	3.647000e-3
90	0.500000	1.120241	3.646000e-3
91	0.500000	1.115816	3.645000e-3
92	0.500000	1.105834	3.644000e-3
93	0.500000	1.100831	3.644000e-3
94	0.500000	1.099763	3.643000e-3
95	0.500000	1.085112	3.643000e-3
96	0.500000	1.085663	3.645000e-3
97	0.500000	1.094359	3.645000e-3
98	0.500000	1.097716	3.646000e-3
99	0.500000	1.105833	3.646000e-3
100	0.500000	1.106231	3.646000e-3
101	0.500000	1.105528	3.646000e-3
102	0.500000	1.103058	3.646000e-3
103	0.500000	1.096131	3.646000e-3
104	0.500000	1.097592	3.646000e-3
105	0.500000	1.105896	3.647000e-3
106	0.500000	1.114655	3.646000e-3
107	0.500000	1.108397	3.646000e-3
108	0.500000	1.109315	3.646000e-3
109	0.500000	1.102572	3.645000e-3
110	0.500000	1.096313	3.646000e-3
111	0.500000	1.096743	3.647000e-3
112	0.500000	1.108247	3.647000e-3
113	0.500000	1.110231	3.646000e-3
114	0.500000	1.110871	3.646000e-3
115	0.500000	1.106355	3.645000e-3
116	0.500000	1.093534	3.646000e-3
117	0.500000	1.095217	3.646000e-3
118	0.500000	1.097898	3.647000e-3
119	0.500000	1.097353	3.648000e-3
120	0.500000	1.112031	3.649000e-3
121	0.500000	1.123964	3.648000e-3
122	0.500000	1.128140	3.646000e-3
123	0.500000	1.117280	3.645000e-3
124	0.500000	1.106750	3.645000e-3
125	0.500000	1.100284	3.644000e-3
126	0.500000	1.090331	3.645000e-3
127	0.500000	1.091034	3.645000e-3
128	0.500000	1.099978	3.646000e-3
129	0.500000	1.104157	3.646000e-3
130	0.500000	1.099914	3.647000e-3
131	0.500000	1.104553	3.647000e-3
132	0.500000	1.103729	3.646000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
133	05:17:04	133.291000	9.950000	0.060000	8.860000	0.080000
134	05:22:53	133.291000	9.870000	0.050000	8.840000	0.060000
135	05:28:42	133.292000	9.870000	0.090000	8.850000	0.050000
136	05:34:32	133.291000	9.750000	0.100000	8.780000	0.050000
137	05:40:21	133.292000	9.770000	0.110000	8.770000	0.050000
138	05:46:11	133.292000	9.730000	0.030000	8.860000	0.050000
139	05:52:01	133.291000	9.710000	0.070000	8.850000	0.020000
140	05:57:50	133.292000	9.800000	0.040000	8.920000	0.060000
141	06:03:39	133.293000	9.810000	0.070000	8.940000	0.050000
142	06:09:28	133.291000	9.910000	0.040000	8.860000	0.020000
143	06:15:18	133.291000	9.810000	0.090000	8.960000	0.030000
144	06:21:08	133.291000	9.910000	0.070000	8.890000	0.050000
145	06:26:57	133.292000	9.750000	0.040000	8.830000	0.040000
146	06:32:47	133.292000	9.920000	0.050000	8.710000	0.060000
147	06:38:37	133.292000	9.700000	0.040000	8.680000	0.080000
148	06:44:26	133.291000	9.960000	0.060000	8.580000	0.100000
149	06:50:17	133.291000	9.820000	0.070000	8.820000	0.060000
150	06:56:08	133.292000	9.780000	0.030000	8.750000	0.030000
151	07:01:58	133.292000	9.740000	0.050000	8.830000	0.090000
152	07:07:46	133.292000	9.980000	0.090000	8.830000	0.060000
153	07:13:35	133.291000	9.920000	0.030000	8.680000	0.040000
154	07:19:24	133.293000	9.930000	0.040000	8.540000	0.050000
155	07:25:13	133.292000	9.910000	0.040000	8.570000	0.090000
156	07:31:02	133.292000	9.850000	0.020000	8.700000	0.050000
157	07:36:52	133.292000	9.850000	0.020000	8.610000	0.100000
158	07:42:41	133.291000	9.920000	0.020000	8.620000	0.060000
159	07:48:30	133.292000	9.850000	0.040000	8.680000	0.050000
160	07:54:19	133.292000	9.690000	0.050000	8.580000	0.070000
161	08:00:07	133.292000	9.830000	0.040000	8.650000	0.020000
162	08:05:57	133.292000	9.720000	0.020000	8.670000	0.030000
163	08:11:46	133.292000	9.860000	0.050000	8.650000	0.040000
164	08:17:35	133.292000	9.930000	0.120000	8.700000	0.050000
165	08:23:24	133.292000	9.880000	0.070000	8.620000	0.090000
166	08:29:13	133.292000	9.790000	0.090000	8.640000	0.050000
167	08:35:01	133.292000	9.770000	0.030000	8.750000	0.060000
168	08:40:50	133.292000	9.620000	0.040000	8.890000	0.070000
169	08:46:40	133.293000	9.800000	0.040000	8.810000	0.050000
170	08:52:29	133.292000	9.780000	0.060000	8.870000	0.050000
171	08:58:18	133.292000	9.840000	0.050000	8.810000	0.040000
172	09:04:07	133.292000	9.840000	0.050000	8.740000	0.030000
173	09:09:56	133.292000	9.630000	0.030000	8.710000	0.020000
174	09:15:46	133.292000	9.670000	0.050000	8.840000	0.030000
175	09:21:35	133.291000	9.500000	0.080000	8.880000	0.070000
176	09:27:24	133.292000	9.720000	0.110000	8.900000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
133	24.255034	23.701293	22.601044	25.020415	23.221100	0.500000
134	24.305357	23.697236	22.598725	25.021515	23.223572	0.500000
135	24.180481	23.704223	22.607054	25.021820	23.225829	0.500000
136	24.285004	23.766570	22.669739	25.022798	23.244539	0.500000
137	24.240937	23.821168	22.720399	25.024324	23.269958	0.500000
138	24.251830	23.828582	22.717773	25.025818	23.285738	0.500000
139	24.254608	23.786254	22.675201	25.026886	23.285919	0.000000
140	24.219543	23.745086	22.643586	25.027435	23.280671	0.000000
141	24.278931	23.731780	22.639069	25.028260	23.277313	0.000000
142	24.288451	23.784089	22.687316	25.029939	23.289826	0.000000
143	24.318969	23.842407	22.736116	25.033937	23.309784	0.000000
144	24.218566	23.853272	22.742309	25.035768	23.323517	0.000000
145	24.160704	23.824493	22.712922	25.040862	23.325378	0.000000
146	24.332733	23.785521	22.684388	25.044830	23.320007	0.000000
147	24.296965	23.771394	22.676086	25.048249	23.315797	0.000000
148	24.269804	23.810150	22.714874	25.052306	23.324464	0.000000
149	24.339447	23.865448	22.763794	25.057435	23.341737	0.000000
150	24.352507	23.889680	22.783081	25.061430	23.357024	0.000000
151	24.281678	23.866852	22.756438	25.066133	23.360779	0.000000
152	24.368042	23.815765	22.707887	25.071779	23.352967	0.000000
153	24.348938	23.773103	22.672729	25.076752	23.340027	0.000000
154	24.370331	23.786163	22.694792	25.082123	23.338348	0.000000
155	24.463286	23.860138	22.771149	25.086487	23.355346	0.000000
156	24.396729	23.932343	22.828888	25.090485	23.379944	0.000000
157	24.408447	23.950196	22.839265	25.094696	23.397706	0.000000
158	24.493803	23.907103	22.794768	25.101045	23.398285	0.000000
159	24.386475	23.866029	22.763062	25.105895	23.394135	0.000000
160	24.445710	23.870117	22.771485	25.110536	23.394075	0.000000
161	24.372344	23.931059	22.835389	25.116792	23.410370	0.000000
162	24.400756	24.019197	22.918702	25.120880	23.441100	0.000000
163	24.432740	24.075348	22.965608	25.128205	23.472810	0.000000
164	24.455230	24.079957	22.968629	25.132843	23.494200	0.000000
165	24.433746	24.067231	22.961425	25.136993	23.507874	0.000000
166	24.362273	24.079804	22.972137	25.142823	23.523468	0.000000
167	24.432342	24.097747	22.988372	25.147705	23.540712	0.000000
168	24.529724	24.126250	23.021330	25.153288	23.561523	0.000000
169	24.480316	24.150391	23.034973	25.158202	23.581023	0.000000
170	24.545226	24.155946	23.047181	25.164489	23.596466	0.000000
171	24.541382	24.180724	23.071074	25.172057	23.615144	0.000000
172	24.412474	24.210541	23.099060	25.180358	23.635834	0.000000
173	24.487304	24.239106	23.129731	25.187194	23.658142	0.000000
174	24.461944	24.267303	23.160004	25.195770	23.680999	0.000000
175	24.607605	24.306977	23.202851	25.202484	23.709869	0.000000
176	24.603576	24.359346	23.253449	25.211213	23.741333	0.000000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
133	0.500000	1.100249	3.647000e-3
134	0.500000	1.098511	3.646000e-3
135	0.500000	1.097169	3.647000e-3
136	0.500000	1.096831	3.647000e-3
137	0.500000	1.100769	3.647000e-3
138	0.500000	1.110809	3.648000e-3
139	0.500000	1.111053	3.647000e-3
140	0.500000	1.101500	3.646000e-3
141	0.500000	1.092711	3.647000e-3
142	0.500000	1.096773	3.647000e-3
143	0.500000	1.106291	3.648000e-3
144	0.500000	1.110963	3.648000e-3
145	0.500000	1.111571	3.647000e-3
146	0.500000	1.101133	3.647000e-3
147	0.500000	1.095308	3.647000e-3
148	0.500000	1.095276	3.648000e-3
149	0.500000	1.101654	3.648000e-3
150	0.500000	1.106599	3.648000e-3
151	0.500000	1.110414	3.648000e-3
152	0.000000	1.107878	3.647000e-3
153	0.000000	1.100374	3.647000e-3
154	0.500000	1.091371	3.647000e-3
155	0.500000	1.088989	3.648000e-3
156	0.500000	1.103455	3.649000e-3
157	0.000000	1.110931	3.649000e-3
158	0.000000	1.112335	3.648000e-3
159	0.000000	1.102967	3.648000e-3
160	0.000000	1.098632	3.648000e-3
161	0.000000	1.095670	3.649000e-3
162	0.000000	1.100495	3.649000e-3
163	0.000000	1.109740	3.650000e-3
164	0.000000	1.111328	3.650000e-3
165	0.000000	1.105806	3.650000e-3
166	0.000000	1.107667	3.650000e-3
167	0.000000	1.109375	3.650000e-3
168	0.000000	1.104920	3.650000e-3
169	0.000000	1.115418	3.651000e-3
170	0.000000	1.108765	3.651000e-3
171	0.000000	1.109650	3.651000e-3
172	0.000000	1.111481	3.651000e-3
173	0.000000	1.109375	3.652000e-3
174	0.000000	1.107299	3.652000e-3
175	0.000000	1.104126	3.652000e-3
176	0.000000	1.105897	3.653000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
177	09:33:13	133.292000	9.830000	0.020000	8.910000	0.030000
178	09:39:03	133.292000	9.820000	0.060000	8.840000	0.030000
179	09:44:53	133.291000	9.790000	0.060000	8.890000	0.040000
180	09:50:42	133.292000	9.680000	0.060000	8.820000	0.040000
181	09:56:31	133.291000	9.530000	0.080000	8.930000	0.040000
182	10:02:20	133.292000	9.680000	0.030000	8.920000	0.080000
183	10:08:10	133.293000	9.760000	0.030000	8.770000	0.070000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
177	24.609618	24.407259	23.296876	25.220612	23.776977	0.000000
178	24.588623	24.410157	23.289643	25.229675	23.800385	0.000000
179	24.624724	24.325561	23.204193	25.238189	23.798371	0.000000
180	24.661712	24.206910	23.088562	25.242340	23.773436	0.000000
181	24.632689	24.112702	23.005797	25.251160	23.740723	0.000000
182	24.612641	24.101288	23.008118	25.258453	23.721680	0.000000
183	24.644713	24.181761	23.090393	25.265624	23.727631	0.000000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
177	0.000000	1.110383	3.654000e-3
178	0.000000	1.120514	3.653000e-3
179	-0.500000	1.121368	3.652000e-3
180	-0.500000	1.118348	3.651000e-3
181	-0.500000	1.106905	3.650000e-3
182	0.000000	1.093170	3.650000e-3
183	0.000000	1.091368	3.651000e-3