

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
1	16:57:07	100.207000	9.340000	0.040000	8.130000	0.050000
2	17:02:58	100.206000	9.430000	0.020000	8.100000	0.050000
3	17:08:49	100.207000	9.120000	0.040000	8.140000	0.060000
4	17:14:41	100.206000	9.210000	0.110000	8.090000	0.070000
5	17:20:32	100.206000	9.400000	0.050000	8.200000	0.030000
6	17:26:23	100.206000	9.340000	0.020000	8.130000	0.070000
7	17:32:15	100.206000	9.400000	0.060000	8.130000	0.100000
8	17:38:06	100.207000	9.260000	0.070000	8.120000	0.070000
9	17:43:57	100.207000	9.300000	0.030000	8.170000	0.050000
10	17:49:48	100.206000	9.430000	0.070000	8.020000	0.090000
11						
12	17:57:17	80.162000	9.510000	0.050000	8.260000	0.070000
13	18:03:07	84.190000	9.380000	0.060000	8.300000	0.040000
14	18:08:58	88.172000	9.480000	0.060000	7.930000	0.100000
15	18:14:49	92.186000	9.400000	0.030000	7.900000	0.050000
16	18:20:43	96.173000	9.330000	0.070000	7.880000	0.070000
17	18:26:36	100.207000	9.250000	0.030000	7.850000	0.040000
18	18:32:26	100.206000	9.310000	0.070000	8.000000	0.030000
19	18:38:17	100.206000	9.620000	0.020000	8.160000	0.050000
20	18:44:08	100.206000	9.670000	0.050000	8.090000	0.040000
21	18:49:58	100.206000	9.430000	0.060000	8.140000	0.060000
22	18:55:49	100.205000	9.350000	0.050000	8.030000	0.060000
23	19:01:39	100.206000	9.330000	0.050000	7.950000	0.100000
24	19:07:29	100.206000	9.360000	0.060000	8.000000	0.040000
25	19:13:19	100.206000	9.410000	0.030000	8.010000	0.020000
26	19:19:10	100.206000	9.660000	0.030000	7.980000	0.040000
27	19:24:59	100.206000	9.580000	0.080000	7.990000	0.090000
28	19:30:50	100.206000	9.620000	0.060000	7.840000	0.070000
29	19:36:40	100.206000	9.360000	0.060000	7.890000	0.040000
30	19:42:29	100.206000	9.260000	0.050000	7.920000	0.090000
31	19:48:19	100.205000	9.520000	0.060000	8.000000	0.080000
32	19:54:10	100.206000	9.580000	0.080000	7.940000	0.040000
33						
34	20:01:40	80.161000	9.480000	0.050000	8.040000	0.040000
35	20:07:29	84.189000	9.320000	0.030000	7.980000	0.050000
36	20:13:18	88.173000	9.240000	0.070000	7.960000	0.040000
37	20:19:10	92.186000	9.270000	0.030000	7.780000	0.070000
38	20:25:02	96.174000	9.290000	0.040000	7.860000	0.060000
39	20:30:54	100.205000	9.360000	0.070000	7.760000	0.060000
40	20:36:44	100.205000	9.520000	0.020000	7.650000	0.070000
41	20:42:34	100.206000	9.450000	0.030000	7.550000	0.030000
42	20:48:24	100.207000	9.210000	0.100000	7.540000	0.070000
43	20:54:14	100.206000	9.520000	0.070000	7.680000	0.130000
44	21:00:05	100.206000	9.450000	0.080000	7.740000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
1	24.945588	24.214204	23.596496	25.738953	24.043152	0.500000
2	24.871795	24.186035	23.548522	25.731017	24.024842	0.500000
3	24.819273	24.097106	23.457916	25.720459	23.987732	0.500000
4	24.842224	23.972778	23.331209	25.711670	23.933563	0.500000
5	24.768981	23.877410	23.250396	25.701204	23.876006	0.500000
6	24.760863	23.859100	23.237214	25.690979	23.833833	0.500000
7	24.826722	23.896727	23.275331	25.680420	23.810913	0.500000
8	24.637176	23.963624	23.335633	25.669829	23.804169	0.500000
9	24.697539	24.014893	23.380889	25.659576	23.805481	0.500000
10	24.762330	24.007995	23.371034	25.647978	23.799835	0.500000
11	24.755828	23.905519	23.361633	25.644989	23.781403	0.500000
12	24.519195	23.685394	23.272674	25.628387	23.718658	0.500000
13	24.609436	23.613709	23.160644	25.616698	23.670869	0.500000
14	24.578673	23.587279	23.102723	25.602173	23.628571	0.500000
15	24.655976	23.628572	23.097929	25.588959	23.603700	0.500000
16	24.610533	23.701355	23.123870	25.576872	23.594145	0.500000
17	24.559600	23.796539	23.163026	25.560487	23.599763	0.500000
18	24.445862	23.836853	23.199615	25.546508	23.604217	0.500000
19	24.517180	23.835327	23.190797	25.532501	23.603241	0.500000
20	24.472961	23.761780	23.116455	25.519836	23.582550	0.500000
21	24.458434	23.665099	23.022187	25.503510	23.547453	0.500000
22	24.462463	23.601379	22.966431	25.491302	23.511505	0.500000
23	24.473571	23.587126	22.958770	25.476593	23.485229	0.500000
24	24.493165	23.639527	23.009644	25.462403	23.477509	0.500000
25	24.404082	23.709168	23.081208	25.449462	23.485412	0.500000
26	24.325928	23.758636	23.121553	25.439147	23.498261	0.500000
27	24.530577	23.735779	23.092285	25.427337	23.495210	0.500000
28	24.283905	23.641296	22.989870	25.417022	23.469848	0.500000
29	24.320647	23.529878	22.887147	25.404327	23.428619	0.500000
30	24.429199	23.469544	22.839081	25.389709	23.391786	0.500000
31	24.340424	23.480803	22.847990	25.376496	23.369751	0.500000
32	24.422912	23.516662	22.882142	25.365722	23.359954	0.500000
33	24.352173	23.429534	22.891693	25.362243	23.343873	0.500000
34	24.229278	23.329835	22.925904	25.348143	23.307983	0.500000
35	24.359984	23.389129	22.939086	25.332611	23.305695	0.500000
36	24.250457	23.393250	22.891113	25.323212	23.293883	0.500000
37	24.332947	23.315888	22.769990	25.313782	23.259918	0.500000
38	24.273314	23.250885	22.665010	25.303161	23.217437	0.500000
39	24.310822	23.246703	22.620422	25.292663	23.185181	0.500000
40	24.198639	23.241730	22.616333	25.281920	23.157591	0.500000
41	24.223206	23.265839	22.639375	25.273195	23.140779	0.500000
42	24.230256	23.342102	22.716765	25.262542	23.143095	0.500000
43	24.325623	23.429932	22.797973	25.253632	23.161101	0.500000
44	24.163055	23.486450	22.848753	25.245056	23.181305	0.500000

	3-HeidenhainL(um)	14-coil-H2Oin(C)	ltage across termin
1	0.000000	0.617708	2.744000e-3
2	0.000000	0.637513	2.743000e-3
3	0.000000	0.639190	2.742000e-3
4	0.000000	0.641569	2.741000e-3
5	0.000000	0.627014	2.741000e-3
6	0.500000	0.621886	2.741000e-3
7	0.500000	0.621396	2.741000e-3
8	0.500000	0.627991	2.742000e-3
9	0.500000	0.634004	2.742000e-3
10	0.500000	0.636961	2.742000e-3
11	0.500000	0.543886	1.365000e-3
12	0.500000	0.412720	2.190000e-3
13	0.500000	0.453065	2.300000e-3
14	0.500000	0.484556	2.409000e-3
15	0.500000	0.530643	2.520000e-3
16	0.500000	0.577485	2.630000e-3
17	0.500000	0.633513	2.741000e-3
18	0.500000	0.637238	2.741000e-3
19	0.500000	0.644530	2.741000e-3
20	0.500000	0.645325	2.740000e-3
21	0.500000	0.642912	2.739000e-3
22	0.500000	0.634948	2.739000e-3
23	0.500000	0.628356	2.739000e-3
24	1.000000	0.629883	2.740000e-3
25	1.000000	0.627960	2.740000e-3
26	1.000000	0.637083	2.741000e-3
27	0.500000	0.643494	2.740000e-3
28	0.500000	0.651426	2.739000e-3
29	0.500000	0.642731	2.738000e-3
30	1.000000	0.630463	2.738000e-3
31	1.000000	0.632813	2.738000e-3
32	1.000000	0.634520	2.739000e-3
33	1.000000	0.537841	1.364000e-3
34	1.000000	0.403931	2.189000e-3
35	1.000000	0.450043	2.299000e-3
36	1.000000	0.502137	2.408000e-3
37	1.000000	0.545898	2.517000e-3
38	1.000000	0.585875	2.627000e-3
39	1.000000	0.626281	2.736000e-3
40	1.000000	0.625397	2.737000e-3
41	1.000000	0.626464	2.737000e-3
42	1.000000	0.625337	2.738000e-3
43	1.000000	0.631959	2.738000e-3
44	1.000000	0.637697	2.739000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
45	21:05:55	100.206000	9.640000	0.070000	7.740000	0.090000
46	21:11:45	100.207000	9.690000	0.030000	7.840000	0.090000
47	21:17:35	100.206000	9.470000	0.060000	7.850000	0.060000
48	21:23:26	100.207000	9.460000	0.050000	7.860000	0.060000
49	21:29:16	100.206000	9.380000	0.050000	7.930000	0.100000
50	21:35:06	100.206000	9.430000	0.080000	7.880000	0.090000
51	21:40:57	100.206000	9.310000	0.030000	7.980000	0.120000
52	21:46:47	100.207000	9.470000	0.050000	8.000000	0.090000
53	21:52:38	100.206000	9.310000	0.050000	7.960000	0.040000
54	21:58:29	100.206000	9.210000	0.020000	8.080000	0.010000
55						
56	22:05:59	80.162000	9.130000	0.050000	8.440000	0.050000
57	22:11:49	84.189000	9.340000	0.050000	8.230000	0.090000
58	22:17:39	88.172000	9.330000	0.050000	8.130000	0.070000
59	22:23:32	92.186000	9.080000	0.090000	8.210000	0.100000
60	22:29:25	96.174000	9.230000	0.070000	8.320000	0.120000
61	22:35:17	100.206000	9.310000	0.050000	8.250000	0.030000
62	22:41:08	100.206000	9.360000	0.060000	8.260000	0.070000
63	22:46:59	100.207000	9.310000	0.150000	8.430000	0.070000
64	22:52:49	100.206000	9.460000	0.060000	8.550000	0.030000
65	22:58:39	100.207000	9.420000	0.070000	8.320000	0.070000
66	23:04:29	100.206000	9.390000	0.110000	8.480000	0.050000
67	23:10:20	100.206000	9.430000	0.030000	8.420000	0.060000
68	23:16:10	100.206000	9.380000	0.030000	8.270000	0.110000
69	23:22:01	100.205000	9.250000	0.020000	8.510000	0.060000
70	23:27:52	100.206000	9.340000	0.020000	8.430000	0.080000
71	23:33:42	100.207000	9.480000	0.030000	8.560000	0.050000
72	23:39:33	100.206000	9.580000	0.040000	8.590000	0.120000
73	23:45:24	100.205000	9.490000	0.090000	8.580000	0.050000
74	23:51:14	100.207000	9.380000	0.060000	8.440000	0.070000
75	23:57:05	100.206000	9.490000	0.030000	8.470000	0.040000
76	00:02:55	100.206000	9.370000	0.060000	8.480000	0.070000
77						
78	00:10:25	80.162000	9.180000	0.100000	8.920000	0.050000
79	00:16:16	84.189000	9.320000	0.080000	8.820000	0.120000
80	00:22:06	88.172000	9.540000	0.040000	8.710000	0.030000
81	00:27:59	92.186000	9.420000	0.010000	8.570000	0.020000
82	00:33:52	96.174000	9.340000	0.030000	8.520000	0.010000
83	00:39:45	100.206000	9.490000	0.070000	8.260000	0.030000
84	00:45:35	100.207000	9.390000	0.020000	8.380000	0.050000
85	00:51:26	100.206000	9.300000	0.080000	8.380000	0.090000
86	00:57:17	100.206000	9.460000	0.120000	8.280000	0.040000
87	01:03:08	100.206000	9.670000	0.050000	8.380000	0.020000
88	01:08:58	100.206000	9.500000	0.070000	8.300000	0.090000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
45	24.208221	23.519501	22.878844	25.234742	23.199553	0.500000
46	24.137511	23.518157	22.876220	25.225830	23.211028	0.500000
47	24.077820	23.482513	22.843291	25.217316	23.212464	0.500000
48	24.244446	23.441468	22.802582	25.207428	23.206544	0.500000
49	24.216735	23.410461	22.772278	25.196901	23.197021	0.500000
50	24.175109	23.432527	22.801698	25.187288	23.198762	0.500000
51	24.247436	23.485351	22.848021	25.175628	23.212524	0.500000
52	24.119200	23.519623	22.881195	25.165680	23.227691	0.500000
53	24.202117	23.524139	22.879212	25.154175	23.237794	0.500000
54	24.083130	23.486754	22.839112	25.140624	23.235626	0.500000
55	24.142365	23.378633	22.826538	25.137635	23.217164	0.500000
56	24.058685	23.203826	22.790039	25.124848	23.171967	0.500000
57	24.033081	23.233063	22.779052	25.112488	23.162232	0.500000
58	23.988037	23.283477	22.782777	25.100830	23.160614	0.500000
59	23.944487	23.337617	22.793975	25.089264	23.165283	0.500000
60	23.947265	23.403259	22.807403	25.075988	23.177186	0.500000
61	23.962035	23.465729	22.824188	25.065492	23.191986	0.500000
62	23.989074	23.485350	22.837066	25.052033	23.202147	0.500000
63	23.959441	23.494200	22.845489	25.041535	23.212281	0.500000
64	23.950836	23.476379	22.829102	25.026612	23.214142	0.500000
65	23.921813	23.441987	22.790313	25.015685	23.209198	0.500000
66	23.841490	23.396544	22.749543	25.005767	23.196931	0.500000
67	23.913910	23.366241	22.720916	24.992035	23.183351	0.500000
68	23.943450	23.356108	22.708467	24.982238	23.172424	0.500000
69	23.970336	23.354309	22.708772	24.970824	23.163940	0.500000
70	23.908722	23.364348	22.717317	24.958129	23.159180	0.500000
71	23.906891	23.368651	22.724304	24.948363	23.156495	0.500000
72	23.889281	23.373565	22.729157	24.938691	23.154540	0.500000
73	23.818116	23.363710	22.724089	24.928833	23.151061	0.500000
74	23.843779	23.360413	22.716765	24.918061	23.146483	0.500000
75	23.789398	23.381105	22.736054	24.908814	23.148131	0.500000
76	23.862946	23.390718	22.745026	24.897399	23.152650	0.500000
77	23.847594	23.294708	22.740601	24.893524	23.136107	0.500000
78	23.690581	23.137116	22.713714	24.880096	23.095978	0.500000
79	23.741698	23.141327	22.676635	24.871705	23.080812	0.500000
80	23.777709	23.158539	22.651735	24.857605	23.068848	0.500000
81	23.725981	23.183898	22.629822	24.847564	23.060240	0.500000
82	23.718109	23.219421	22.619109	24.835268	23.056367	0.500000
83	23.677794	23.259613	22.609131	24.824645	23.056703	0.500000
84	23.686280	23.259367	22.605103	24.812011	23.051879	0.500000
85	23.717224	23.247954	22.596955	24.801972	23.044800	0.500000
86	23.662078	23.240114	22.586333	24.789855	23.038209	0.500000
87	23.633637	23.229890	22.572417	24.778717	23.030029	0.500000
88	23.577606	23.213044	22.562224	24.765930	23.020203	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
45	1.000000	0.640657	2.739000e-3
46	1.000000	0.641937	2.739000e-3
47	1.000000	0.639222	2.738000e-3
48	1.000000	0.638886	2.738000e-3
49	1.000000	0.638183	2.738000e-3
50	1.000000	0.630829	2.738000e-3
51	1.000000	0.637330	2.739000e-3
52	1.000000	0.638428	2.739000e-3
53	1.000000	0.644927	2.739000e-3
54	1.000000	0.647642	2.738000e-3
55	1.000000	0.552095	1.363000e-3
56	1.000000	0.413787	2.188000e-3
57	1.000000	0.454011	2.299000e-3
58	1.000000	0.500700	2.408000e-3
59	1.000000	0.543642	2.517000e-3
60	1.000000	0.595856	2.627000e-3
61	1.000000	0.641541	2.738000e-3
62	1.000000	0.648284	2.739000e-3
63	1.000000	0.648711	2.738000e-3
64	1.000000	0.647277	2.739000e-3
65	1.000000	0.651674	2.738000e-3
66	1.000000	0.647001	2.737000e-3
67	1.000000	0.645325	2.737000e-3
68	1.000000	0.647641	2.738000e-3
69	1.000000	0.645537	2.737000e-3
70	1.000000	0.647031	2.738000e-3
71	1.000000	0.644347	2.738000e-3
72	1.000000	0.644408	2.738000e-3
73	1.000000	0.639621	2.738000e-3
74	1.000000	0.643648	2.737000e-3
75	1.000000	0.645051	2.738000e-3
76	1.000000	0.645692	2.738000e-3
77	1.000000	0.554107	1.363000e-3
78	1.000000	0.423402	2.188000e-3
79	1.000000	0.464692	2.298000e-3
80	1.000000	0.506804	2.407000e-3
81	1.000000	0.554076	2.517000e-3
82	1.000000	0.600312	2.626000e-3
83	1.000000	0.650482	2.737000e-3
84	1.000000	0.654264	2.737000e-3
85	1.000000	0.650999	2.737000e-3
86	1.000000	0.653781	2.737000e-3
87	1.000000	0.657473	2.737000e-3
88	1.000000	0.650820	2.737000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
89	01:14:49	100.206000	9.560000	0.060000	8.320000	0.090000
90	01:20:39	100.206000	9.400000	0.050000	8.380000	0.080000
91	01:26:30	100.206000	9.480000	0.010000	8.330000	0.080000
92	01:32:21	100.206000	9.510000	0.100000	8.380000	0.020000
93	01:38:12	100.206000	9.390000	0.070000	8.390000	0.050000
94	01:44:03	100.206000	9.520000	0.070000	8.600000	0.100000
95	01:49:54	100.207000	9.560000	0.020000	8.450000	0.060000
96	01:55:46	100.206000	9.560000	0.040000	8.280000	0.050000
97	02:01:37	100.206000	9.590000	0.060000	8.300000	0.060000
98	02:07:28	100.206000	9.580000	0.040000	8.380000	0.110000
99						
100	02:15:00	80.162000	9.380000	0.100000	8.820000	0.060000
101	02:20:52	84.189000	9.360000	0.050000	8.890000	0.100000
102	02:26:42	88.173000	9.370000	0.060000	8.660000	0.020000
103	02:32:35	92.186000	9.390000	0.080000	8.480000	0.060000
104	02:38:29	96.173000	9.530000	0.060000	8.450000	0.040000
105	02:44:22	100.207000	9.540000	0.040000	8.310000	0.100000
106	02:50:13	100.206000	9.490000	0.110000	8.380000	0.140000
107	02:56:04	100.207000	9.680000	0.070000	8.690000	0.050000
108	03:01:56	100.206000	9.510000	0.090000	8.660000	0.080000
109	03:07:46	100.207000	9.530000	0.060000	8.610000	0.110000
110	03:13:37	100.207000	9.360000	0.050000	8.500000	0.100000
111	03:19:29	100.206000	9.550000	0.070000	8.360000	0.070000
112	03:25:20	100.207000	9.420000	0.040000	8.570000	0.060000
113	03:31:11	100.206000	9.630000	0.100000	8.580000	0.030000
114	03:37:02	100.207000	9.460000	0.090000	8.520000	0.050000
115	03:42:54	100.206000	9.560000	0.110000	8.460000	0.050000
116	03:48:45	100.206000	9.460000	0.050000	8.370000	0.070000
117	03:54:36	100.206000	9.450000	0.050000	8.620000	0.050000
118	04:00:27	100.207000	9.350000	0.040000	8.680000	0.070000
119	04:06:18	100.206000	9.450000	0.040000	8.560000	0.030000
120	04:12:10	100.206000	9.410000	0.080000	8.550000	0.060000
121						
122	04:19:40	80.162000	9.520000	0.030000	8.860000	0.090000
123	04:25:31	84.188000	9.470000	0.060000	8.680000	0.070000
124	04:31:22	88.173000	9.470000	0.020000	8.550000	0.120000
125	04:37:14	92.186000	9.340000	0.070000	8.330000	0.050000
126	04:43:08	96.173000	9.270000	0.070000	8.570000	0.030000
127	04:49:01	100.206000	9.440000	0.060000	8.550000	0.030000
128	04:54:52	100.207000	9.500000	0.090000	8.570000	0.040000
129	05:00:43	100.207000	9.690000	0.070000	8.460000	0.080000
130	05:06:34	100.206000	9.460000	0.050000	8.350000	0.100000
131	05:12:24	100.208000	9.430000	0.070000	8.350000	0.100000
132	05:18:15	100.207000	9.520000	0.100000	8.520000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	MagSteel(near pole	2-HeidenhainR(um
89	23.681061	23.205962	22.556548	24.757295	23.012453	0.500000
90	23.646636	23.198090	22.546448	24.745331	23.003997	0.500000
91	23.716094	23.187193	22.534148	24.736786	22.995301	0.500000
92	23.631072	23.169617	22.520600	24.725432	22.983765	0.500000
93	23.645172	23.152496	22.503784	24.714813	22.972443	0.500000
94	23.520569	23.145936	22.494112	24.706969	22.961579	0.500000
95	23.602600	23.161437	22.519928	24.697662	22.958405	0.500000
96	23.701019	23.210571	22.565612	24.689300	22.966856	0.500000
97	23.616728	23.236237	22.579804	24.679350	22.976469	0.500000
98	23.637664	23.208098	22.549377	24.669557	22.972413	0.500000
99	23.604400	23.100738	22.537721	24.666900	22.953338	0.500000
100	23.573577	22.907777	22.485719	24.658082	22.902221	0.500000
101	23.626251	22.930388	22.474762	24.647490	22.886383	0.500000
102	23.671112	23.013825	22.512086	24.637237	22.890046	0.500000
103	23.633849	23.099733	22.544097	24.630859	22.903259	0.500000
104	23.607239	23.136445	22.530976	24.625214	22.911102	0.500000
105	23.659546	23.157807	22.508150	24.620208	22.914582	0.500000
106	23.538665	23.142579	22.490266	24.612916	22.911926	0.500000
107	23.585968	23.135133	22.488160	24.607086	22.907959	0.500000
108	23.640410	23.163514	22.527191	24.599120	22.915008	0.500000
109	23.670532	23.215789	22.568024	24.596099	22.931672	0.500000
110	23.735320	23.229370	22.578978	24.591859	22.942353	0.500000
111	23.711426	23.208528	22.557862	24.588286	22.943910	0.500000
112	23.612580	23.182892	22.534575	24.584992	22.941222	0.500000
113	23.655974	23.165161	22.517457	24.580017	22.937255	0.500000
114	23.564147	23.157533	22.506866	24.575685	22.933565	0.500000
115	23.594145	23.153565	22.505341	24.574675	22.929962	0.500000
116	23.647277	23.170655	22.525421	24.573302	22.930998	0.500000
117	23.604431	23.217651	22.579255	24.570618	22.944398	0.500000
118	23.649017	23.267823	22.621154	24.568634	22.963225	0.500000
119	23.679137	23.274475	22.626739	24.567171	22.976105	0.500000
120	23.569793	23.250823	22.600188	24.566498	22.978454	0.500000
121	23.712494	23.145935	22.591126	24.564300	22.962737	0.500000
122	23.628418	22.970672	22.552704	24.561583	22.921357	0.500000
123	23.588593	22.994689	22.534791	24.560790	22.912049	0.500000
124	23.633453	23.035216	22.531922	24.556701	22.908813	0.500000
125	23.481781	23.084075	22.532776	24.558442	22.911009	0.500000
126	23.601837	23.124238	22.525514	24.555847	22.915071	0.500000
127	23.647003	23.165068	22.519806	24.554475	22.920990	0.500000
128	23.676483	23.175292	22.535369	24.552734	22.923858	0.500000
129	23.633911	23.229095	22.588318	24.551178	22.939637	0.500000
130	23.583343	23.278565	22.628449	24.549957	22.961031	0.500000
131	23.621153	23.281524	22.627930	24.551758	22.973054	0.500000
132	23.638579	23.262940	22.611999	24.550751	22.979493	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
89	1.000000	0.649414	2.736000e-3
90	1.000000	0.651642	2.736000e-3
91	1.000000	0.653045	2.736000e-3
92	1.000000	0.649017	2.736000e-3
93	1.000000	0.648712	2.736000e-3
94	1.000000	0.651824	2.736000e-3
95	1.000000	0.641509	2.736000e-3
96	1.000000	0.644959	2.737000e-3
97	1.000000	0.656433	2.737000e-3
98	1.000000	0.658721	2.736000e-3
99	1.000000	0.563017	1.362000e-3
100	1.000000	0.422058	2.187000e-3
101	1.000000	0.455626	2.297000e-3
102	1.000000	0.501739	2.407000e-3
103	1.000000	0.555636	2.516000e-3
104	1.000000	0.605469	2.625000e-3
105	1.000000	0.649657	2.736000e-3
106	1.000000	0.652313	2.736000e-3
107	1.000000	0.646973	2.736000e-3
108	1.000000	0.636323	2.736000e-3
109	1.000000	0.647765	2.736000e-3
110	1.000000	0.650392	2.737000e-3
111	1.000000	0.650666	2.737000e-3
112	1.000000	0.648317	2.736000e-3
113	1.000000	0.647704	2.736000e-3
114	1.000000	0.650667	2.736000e-3
115	1.000000	0.648224	2.737000e-3
116	1.000000	0.645234	2.737000e-3
117	1.000000	0.638396	2.737000e-3
118	1.000000	0.646669	2.737000e-3
119	1.000000	0.647736	2.737000e-3
120	1.000000	0.650635	2.737000e-3
121	1.000000	0.554809	1.363000e-3
122	1.000000	0.417968	2.187000e-3
123	1.000000	0.459898	2.297000e-3
124	1.000000	0.503294	2.406000e-3
125	1.000000	0.551299	2.516000e-3
126	1.000000	0.598724	2.626000e-3
127	1.000000	0.645262	2.736000e-3
128	1.000000	0.639923	2.736000e-3
129	1.000000	0.640777	2.737000e-3
130	1.000000	0.650116	2.737000e-3
131	1.000000	0.653594	2.737000e-3
132	1.000000	0.650941	2.737000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
133	05:24:06	100.207000	9.230000	0.020000	8.530000	0.110000
134	05:29:57	100.205000	9.520000	0.060000	8.360000	0.030000
135	05:35:48	100.206000	9.510000	0.060000	8.690000	0.050000
136	05:41:38	100.207000	9.540000	0.060000	8.540000	0.030000
137	05:47:30	100.206000	9.400000	0.040000	8.450000	0.040000
138	05:53:21	100.207000	9.360000	0.090000	8.400000	0.030000
139	05:59:12	100.206000	9.310000	0.020000	8.610000	0.050000
140	06:05:03	100.206000	9.440000	0.020000	8.600000	0.030000
141	06:10:54	100.206000	9.410000	0.010000	8.690000	0.080000
142	06:16:45	100.207000	9.590000	0.040000	8.680000	0.070000
143						
144	06:24:15	80.162000	9.310000	0.010000	8.950000	0.080000
145	06:30:06	84.190000	9.320000	0.020000	8.880000	0.060000
146	06:35:56	88.173000	9.270000	0.070000	8.800000	0.090000
147	06:41:49	92.187000	9.270000	0.080000	8.830000	0.030000
148	06:47:42	96.174000	9.500000	0.090000	8.670000	0.090000
149	06:53:35	100.207000	9.440000	0.020000	8.590000	0.040000
150	06:59:26	100.207000	9.430000	0.140000	8.710000	0.070000
151	07:05:16	100.207000	9.660000	0.040000	8.590000	0.060000
152	07:11:07	100.207000	9.480000	0.020000	8.580000	0.060000
153	07:16:58	100.206000	9.400000	0.030000	8.710000	0.050000
154	07:22:49	100.206000	9.490000	0.110000	8.520000	0.110000
155	07:28:40	100.206000	9.440000	0.060000	8.660000	0.030000
156	07:34:30	100.207000	9.700000	0.040000	8.690000	0.070000
157	07:40:21	100.207000	9.630000	0.060000	8.550000	0.070000
158	07:46:12	100.207000	9.490000	0.040000	8.340000	0.050000
159	07:52:04	100.207000	9.540000	0.060000	8.430000	0.090000
160	07:57:55	100.207000	9.640000	0.060000	8.470000	0.070000
161	08:03:46	100.207000	9.610000	0.040000	8.210000	0.030000
162	08:09:37	100.207000	9.540000	0.020000	8.140000	0.040000
163	08:15:28	100.207000	9.520000	0.070000	8.290000	0.050000
164	08:21:20	100.208000	9.470000	0.020000	8.290000	0.040000
165						
166	08:28:50	80.162000	9.500000	0.050000	8.470000	0.050000
167	08:34:41	84.191000	9.440000	0.070000	8.290000	0.050000
168	08:40:32	88.173000	9.400000	0.020000	8.160000	0.030000
169	08:46:25	92.188000	9.250000	0.060000	8.290000	0.050000
170	08:52:18	96.174000	9.410000	0.070000	8.300000	0.020000
171	08:58:13	100.206000	9.400000	0.020000	8.170000	0.050000
172	09:04:04	100.207000	9.570000	0.040000	8.150000	0.070000
173	09:09:55	100.208000	9.440000	0.030000	8.170000	0.030000
174	09:15:47	100.207000	9.600000	0.040000	8.070000	0.020000
175	09:21:39	100.207000	9.600000	0.030000	8.080000	0.070000
176	09:27:30	100.208000	9.880000	0.050000	7.850000	0.070000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
133	23.611266	23.243897	22.595215	24.549804	22.979125	0.500000
134	23.675110	23.234221	22.586760	24.548461	22.980804	0.500000
135	23.606019	23.237243	22.587707	24.548615	22.983032	0.500000
136	23.751587	23.241699	22.595063	24.548461	22.986266	0.500000
137	23.673737	23.255158	22.606996	24.546357	22.991334	0.500000
138	23.694884	23.268494	22.619414	24.546113	22.998261	0.500000
139	23.648314	23.280639	22.633179	24.545930	23.006043	0.500000
140	23.693146	23.295532	22.652497	24.544526	23.014436	0.500000
141	23.561463	23.314483	22.668395	24.545014	23.026001	0.500000
142	23.784422	23.324401	22.684235	24.546388	23.036743	0.500000
143	23.686614	23.236420	22.687988	24.544435	23.024750	0.500000
144	23.739991	23.115324	22.700285	24.544373	23.002104	0.500000
145	23.736329	23.169709	22.712586	24.545351	23.010437	0.500000
146	23.711090	23.223388	22.722993	24.546020	23.023376	0.500000
147	23.662598	23.273132	22.721984	24.547667	23.036194	0.500000
148	23.647856	23.296447	22.695861	24.548461	23.045349	0.500000
149	23.791167	23.290742	22.641937	24.548555	23.045319	0.500000
150	23.707702	23.270294	22.627379	24.550660	23.038725	0.500000
151	23.852629	23.291412	22.656371	24.557158	23.042419	0.500000
152	23.835663	23.338165	22.695649	24.564393	23.054931	0.500000
153	23.781218	23.365601	22.721893	24.571197	23.067811	0.500000
154	23.795776	23.360687	22.711425	24.574860	23.074157	0.500000
155	23.843536	23.340059	22.696960	24.579224	23.074340	0.500000
156	24.257569	23.365570	22.800781	24.616088	23.086458	0.500000
157	24.285004	23.381896	22.783876	24.656373	23.092346	0.500000
158	24.146637	23.357149	22.748230	24.666595	23.091920	0.500000
159	24.388763	23.392882	22.815551	24.698548	23.107515	0.500000
160	24.368438	23.419922	22.832000	24.734129	23.116699	0.500000
161	24.279937	23.412598	22.806061	24.746308	23.123200	0.500000
162	24.239349	23.411623	22.800629	24.758697	23.129457	0.500000
163	24.231505	23.407136	22.789124	24.770996	23.133455	0.500000
164	24.439940	23.426940	22.849516	24.800354	23.144257	0.500000
165	24.501006	23.346162	22.873504	24.810423	23.131194	0.500000
166	24.336333	23.213043	22.841217	24.831238	23.104280	0.500000
167	24.254119	23.239747	22.817872	24.840302	23.104522	0.500000
168	24.293854	23.264374	22.796967	24.849000	23.104889	0.500000
169	24.260253	23.296387	22.779420	24.856047	23.107391	0.500000
170	24.268372	23.325104	22.760224	24.863739	23.109832	0.500000
171	24.316649	23.359161	22.746765	24.875672	23.114228	0.500000
172	24.315185	23.343597	22.729188	24.886811	23.110108	0.500000
173	24.280457	23.338349	22.727967	24.895845	23.106599	0.500000
174	24.571747	23.390472	22.821869	24.928070	23.118317	0.500000
175	24.781403	23.437132	22.879881	24.974975	23.131500	0.500000
176	24.438202	23.355133	22.750580	24.980895	23.115936	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
133	1.000000	0.648682	2.737000e-3
134	1.000000	0.647461	2.737000e-3
135	1.000000	0.649536	2.737000e-3
136	1.000000	0.646636	2.737000e-3
137	1.000000	0.648162	2.737000e-3
138	1.000000	0.649080	2.737000e-3
139	1.000000	0.647460	2.737000e-3
140	1.000000	0.643035	2.737000e-3
141	1.000000	0.646088	2.738000e-3
142	1.000000	0.640166	2.738000e-3
143	1.000000	0.548432	1.363000e-3
144	1.000000	0.415039	2.188000e-3
145	1.000000	0.457123	2.298000e-3
146	1.000000	0.500395	2.408000e-3
147	1.000000	0.551148	2.518000e-3
148	1.000000	0.600586	2.627000e-3
149	1.000000	0.648805	2.737000e-3
150	0.500000	0.642915	2.737000e-3
151	0.500000	0.635041	2.737000e-3
152	0.500000	0.642516	2.737000e-3
153	0.500000	0.643708	2.738000e-3
154	0.500000	0.649262	2.738000e-3
155	0.500000	0.643099	2.738000e-3
156	0.500000	0.564789	2.737000e-3
157	0.500000	0.598020	2.737000e-3
158	0.500000	0.608919	2.737000e-3
159	0.500000	0.577331	2.737000e-3
160	0.500000	0.587922	2.738000e-3
161	0.500000	0.606537	2.738000e-3
162	0.500000	0.610994	2.738000e-3
163	0.500000	0.618012	2.738000e-3
164	0.500000	0.577424	2.738000e-3
165	0.500000	0.472658	1.363000e-3
166	0.500000	0.371826	2.188000e-3
167	0.500000	0.421875	2.299000e-3
168	1.000000	0.467407	2.408000e-3
169	1.000000	0.516967	2.517000e-3
170	1.000000	0.564880	2.627000e-3
171	1.000000	0.612396	2.738000e-3
172	1.000000	0.614409	2.738000e-3
173	1.000000	0.610382	2.738000e-3
174	0.500000	0.568603	2.738000e-3
175	0.500000	0.557251	2.738000e-3
176	0.500000	0.604553	2.737000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
177	09:33:23	100.207000	9.800000	0.060000	7.720000	0.060000
178	09:39:14	100.207000	9.630000	0.040000	7.660000	0.070000
179	09:45:05	100.208000	9.520000	0.030000	7.790000	0.050000
180	09:50:58	100.207000	9.480000	0.040000	7.800000	0.020000
181	09:56:51	100.207000	9.490000	0.020000	7.930000	0.050000
182	10:02:43	100.208000	9.660000	0.020000	8.070000	0.060000
183	10:08:34	100.206000	9.480000	0.040000	8.080000	0.050000
184	10:14:25	100.207000	9.350000	0.050000	7.900000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
177	24.240539	23.269470	22.648620	24.977538	23.091493	0.500000
178	24.258086	23.211244	22.590637	24.971955	23.064576	0.500000
179	24.011168	23.220430	22.596497	24.965148	23.050812	0.500000
180	23.951447	23.279357	22.651704	24.957671	23.055510	0.500000
181	23.863525	23.362031	22.728850	24.948089	23.075929	0.500000
182	23.696625	23.429108	22.790771	24.928009	23.099733	0.500000
183	23.541533	23.418517	22.768891	24.907135	23.108337	0.500000
184	23.159637	23.321167	22.662416	24.880586	23.097291	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
177	1.000000	0.620850	2.737000e-3
178	1.000000	0.620607	2.737000e-3
179	1.000000	0.623933	2.737000e-3
180	1.000000	0.627653	2.738000e-3
181	1.000000	0.633181	2.738000e-3
182	1.000000	0.638337	2.739000e-3
183	1.000000	0.649626	2.738000e-3
184	1.000000	0.658751	2.736000e-3