

	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-H2Oin(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
184	10:13:59	133.292000	9.800000	0.070000	8.650000	0.050000
185	10:19:48	133.292000	9.670000	0.030000	8.680000	0.040000
186	10:25:37	133.293000	9.510000	0.030000	8.810000	0.050000
187	10:31:27	133.292000	9.560000	0.040000	8.970000	0.020000
188	10:37:16	133.292000	9.860000	0.040000	8.870000	0.030000
189	10:43:05	133.293000	9.870000	0.030000	8.860000	0.080000
190	10:48:54	133.292000	9.830000	0.050000	8.730000	0.030000
191	10:54:42	133.292000	9.460000	0.060000	8.820000	0.060000
192	11:00:31	133.292000	9.570000	0.060000	8.770000	0.040000
193	11:06:19	133.292000	9.700000	0.050000	8.880000	0.050000
194	11:12:08	133.292000	9.730000	0.020000	8.870000	0.040000
195	11:17:57	133.292000	9.660000	0.040000	8.800000	0.050000
196	11:23:46	133.293000	9.660000	0.050000	8.680000	0.050000
197	11:29:35	133.292000	9.610000	0.040000	8.810000	0.040000
198	11:35:24	133.293000	9.500000	0.060000	8.940000	0.070000
199	11:41:13	133.293000	9.750000	0.070000	8.830000	0.040000
200	11:47:02	133.293000	9.820000	0.060000	8.730000	0.040000
201	11:52:50	133.293000	9.690000	0.080000	8.790000	0.090000
202	11:58:39	133.293000	9.860000	0.040000	8.720000	0.010000
203	12:04:28	133.293000	9.670000	0.040000	8.750000	0.050000
204	12:10:17	133.293000	9.630000	0.040000	8.810000	0.040000
205	12:16:07	133.292000	9.820000	0.020000	8.900000	0.050000
206	12:21:56	133.292000	9.920000	0.020000	8.650000	0.040000
207	12:27:45	133.292000	9.710000	0.040000	8.600000	0.070000
208	12:33:34	133.292000	9.820000	0.020000	8.540000	0.040000
209	12:39:22	133.294000	9.880000	0.130000	8.510000	0.080000
210	12:45:11	133.293000	9.780000	0.040000	8.520000	0.050000
211	12:51:00	133.293000	9.810000	0.060000	8.610000	0.050000
212	12:56:49	133.293000	9.740000	0.020000	8.530000	0.050000
213	13:02:38	133.294000	9.830000	0.040000	8.440000	0.040000
214	13:08:26	133.293000	9.820000	0.060000	8.500000	0.090000
215	13:14:15	133.293000	9.800000	0.070000	8.390000	0.060000
216	13:20:04	133.293000	9.920000	0.040000	8.250000	0.050000
217	13:25:54	133.293000	9.670000	0.050000	8.260000	0.050000
218	13:31:42	133.294000	9.820000	0.050000	8.280000	0.050000
219	13:37:32	133.293000	9.950000	0.050000	8.320000	0.090000
220	13:43:21	133.293000	10.070000	0.030000	8.180000	0.030000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	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
184	24.603271	24.304261	23.209319	25.274017	23.756104	0.000000
185	24.667358	24.434631	23.335113	25.281341	23.801360	0.000000
186	24.617552	24.562773	23.459656	25.292511	23.857817	0.000000
187	24.767487	24.662934	23.550047	25.302582	23.920073	0.000000
188	24.691710	24.670226	23.549073	25.311157	23.962770	0.000000
189	24.710724	24.592223	23.465790	25.321228	23.975709	0.000000
190	24.697327	24.475556	23.356140	25.330200	23.963897	0.000000
191	24.719879	24.408997	23.301302	25.338044	23.949799	0.000000
192	24.716522	24.409210	23.308410	25.347747	23.945497	0.000000
193	24.764893	24.463379	23.365021	25.360655	23.956452	0.000000
194	24.824492	24.541993	23.437011	25.371398	23.979767	0.000000
195	24.792053	24.630675	23.527132	25.385406	24.014373	0.000000
196	24.887878	24.714783	23.605408	25.397707	24.055818	0.000000
197	24.876983	24.745697	23.627167	25.410951	24.089813	0.000000
198	24.879212	24.708952	23.589262	25.426087	24.104400	0.000000
199	24.923796	24.663697	23.579164	25.442016	24.107636	0.000000
200	24.943389	24.775880	23.674437	25.457795	24.149597	0.000000
201	25.008635	24.821716	23.720704	25.475220	24.181275	0.000000
202	25.011200	24.877562	23.782501	25.492310	24.217712	-0.500000
203	25.005218	24.959474	23.861021	25.509521	24.264616	-0.500000
204	25.034117	25.000091	23.893980	25.526795	24.306062	-0.500000
205	25.079681	24.955201	23.843169	25.545288	24.323426	-0.500000
206	25.090363	24.857177	23.749359	25.561829	24.318359	-0.500000
207	25.163207	24.760833	23.666229	25.581482	24.299774	-0.500000
208	25.213654	24.719207	23.641906	25.600982	24.283843	-0.500000
209	25.173828	24.757233	23.681213	25.619080	24.284636	-0.500000
210	25.230133	24.840819	23.760102	25.637879	24.303957	-0.500000
211	25.217773	24.923949	23.841675	25.659638	24.332824	-0.500000
212	25.259642	24.966552	23.873474	25.678436	24.358795	-0.500000
213	25.285553	24.940674	23.846008	25.699096	24.370454	-0.500000
214	25.257751	24.848694	23.755402	25.718841	24.358305	-0.500000
215	25.279510	24.722168	23.641694	25.737915	24.325378	-0.500000
216	25.305848	24.687744	23.621704	25.756714	24.301879	-0.500000
217	25.373291	24.737181	23.685119	25.776430	24.300932	-0.500000
218	25.381865	24.844146	23.790374	25.796113	24.321746	-0.500000
219	25.392975	24.959291	23.892211	25.815460	24.357056	-0.500000
220	25.445098	25.029114	23.962159	25.836792	24.393982	-0.500000

	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
184	0.000000	1.094942	3.653000e-3
185	0.000000	1.099518	3.654000e-3
186	0.000000	1.103117	3.655000e-3
187	-0.500000	1.112887	3.656000e-3
188	-0.500000	1.121153	3.655000e-3
189	-0.500000	1.126433	3.655000e-3
190	-0.500000	1.119416	3.654000e-3
191	-0.500000	1.107695	3.653000e-3
192	-0.500000	1.100800	3.653000e-3
193	-0.500000	1.098358	3.654000e-3
194	-0.500000	1.104982	3.655000e-3
195	-0.500000	1.103543	3.656000e-3
196	-0.500000	1.109375	3.656000e-3
197	-0.500000	1.118530	3.656000e-3
198	-0.500000	1.119690	3.656000e-3
199	-0.500000	1.084533	3.656000e-3
200	-0.500000	1.101443	3.657000e-3
201	-0.500000	1.101012	3.657000e-3
202	-0.500000	1.095061	3.658000e-3
203	-0.500000	1.098453	3.659000e-3
204	-0.500000	1.106111	3.659000e-3
205	-1.000000	1.112032	3.658000e-3
206	-1.000000	1.107818	3.657000e-3
207	-1.000000	1.094604	3.657000e-3
208	-1.000000	1.077301	3.656000e-3
209	-1.000000	1.076020	3.657000e-3
210	-1.000000	1.080717	3.658000e-3
211	-0.500000	1.082274	3.659000e-3
212	-1.000000	1.093078	3.658000e-3
213	-1.000000	1.094666	3.658000e-3
214	-1.000000	1.093292	3.657000e-3
215	-1.000000	1.080474	3.657000e-3
216	-1.000000	1.066040	3.656000e-3
217	-0.500000	1.052062	3.657000e-3
218	-0.500000	1.053772	3.658000e-3
219	-0.500000	1.067080	3.658000e-3
220	-0.500000	1.066955	3.659000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
221	13:49:10	133.293000	10.100000	0.170000	9.010000	0.200000
222	13:55:00	133.294000	10.110000	0.060000	9.320000	0.040000
223	14:00:49	133.294000	10.060000	0.030000	9.130000	0.060000
224	14:06:39	133.294000	10.060000	0.060000	9.220000	0.050000
225	14:12:29	133.294000	10.290000	0.050000	9.140000	0.020000
226	14:18:18	133.294000	10.070000	0.050000	9.100000	0.060000
227	14:24:07	133.294000	10.130000	0.070000	9.020000	0.100000
228	14:29:57	133.294000	10.200000	0.020000	9.130000	0.070000
229	14:35:47	133.294000	10.320000	0.030000	9.280000	0.050000
230	14:41:37	133.294000	10.430000	0.110000	9.320000	0.030000
231	14:47:26	133.294000	9.980000	0.060000	9.040000	0.050000
232	14:53:14	133.293000	9.900000	0.020000	9.070000	0.070000
233	14:59:02	133.293000	9.900000	0.020000	8.880000	0.090000
234	15:04:51	133.293000	9.610000	0.040000	8.960000	0.060000
235	15:10:39	133.294000	9.660000	0.040000	9.020000	0.050000
236	15:16:28	133.293000	9.830000	0.050000	9.020000	0.080000
237	15:22:16	133.294000	9.680000	0.070000	9.040000	0.020000
238	15:28:05	133.294000	9.600000	0.060000	8.940000	0.080000
239	15:33:54	133.294000	9.490000	0.050000	8.870000	0.070000
240	15:39:43	133.295000	9.610000	0.050000	8.790000	0.040000
241	15:45:32	133.293000	9.530000	0.110000	8.790000	0.040000
242	15:51:21	133.294000	9.610000	0.020000	8.710000	0.120000
243	15:57:10	133.295000	9.530000	0.030000	8.790000	0.050000
244	16:02:58	133.294000	9.570000	0.060000	8.700000	0.010000
245	16:08:47	133.295000	9.520000	0.020000	8.720000	0.060000
246	16:14:36	133.295000	9.620000	0.020000	8.650000	0.040000
247	16:20:25	133.294000	9.470000	0.070000	8.740000	0.060000
248	16:26:13	133.294000	9.570000	0.090000	8.660000	0.040000
249	16:32:01	133.295000	9.630000	0.050000	8.520000	0.050000
250	16:37:50	133.294000	9.760000	0.030000	8.310000	0.070000
251	16:43:40	133.294000	9.630000	0.020000	8.340000	0.050000
252	16:49:28	133.294000	9.610000	0.030000	8.270000	0.060000
253	16:55:17	133.294000	9.810000	0.040000	8.240000	0.050000
254	17:01:06	133.294000	9.680000	0.060000	8.280000	0.060000
255	17:06:55	133.295000	9.670000	0.070000	8.340000	0.040000
256	17:12:44	133.294000	9.460000	0.050000	8.440000	0.050000
257	17:18:33	133.295000	9.860000	0.040000	8.510000	0.080000
258	17:24:22	133.294000	9.810000	0.050000	8.550000	0.050000
259	17:30:11	133.295000	9.670000	0.060000	8.390000	0.040000
260	17:36:00	133.295000	9.710000	0.040000	8.300000	0.040000
261	17:41:48	133.294000	9.670000	0.050000	8.340000	0.060000
262	17:47:36	133.295000	9.730000	0.050000	8.340000	0.060000
263	17:53:24	133.294000	9.800000	0.080000	8.340000	0.070000
264	17:59:13	133.295000	9.550000	0.030000	8.280000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
221	25.490264	25.044312	23.964629	25.862701	24.419434	-0.500000
222	25.476074	24.981751	23.915069	25.884920	24.424164	-0.500000
223	25.502960	24.885253	23.823547	25.906067	24.410706	-0.500000
224	25.532379	24.814454	23.773713	25.928680	24.390442	-0.500000
225	25.584228	24.802278	23.777710	25.948669	24.378448	-0.500000
226	25.592193	24.873321	23.852355	25.969513	24.389863	-0.500000
227	25.614440	24.984831	23.958282	25.990569	24.420288	-0.500000
228	25.661041	25.078644	24.049682	26.011321	24.458222	-0.500000
229	25.675079	25.106628	24.069946	26.033295	24.487548	-0.500000
230	25.691833	25.068085	24.029756	26.054750	24.499421	-0.500000
231	25.683014	24.998078	23.949891	26.081664	24.493834	-0.500000
232	25.727386	24.896150	23.858428	26.097291	24.470703	-0.500000
233	25.718626	24.880462	23.849487	26.114259	24.458130	-0.500000
234	25.760314	24.938263	23.912079	26.133638	24.464906	-0.500000
235	25.738861	25.037903	24.006896	26.151796	24.490815	-0.500000
236	25.779480	25.109009	24.063936	26.170350	24.520080	-0.500000
237	25.821716	25.107759	24.060395	26.190401	24.537079	-0.500000
238	25.830261	25.030791	23.980345	26.208313	24.531402	-0.500000
239	25.829405	24.896150	23.849914	26.227996	24.499848	-0.500000
240	25.857207	24.768982	23.736481	26.244690	24.453613	-0.500000
241	25.892913	24.714570	23.687469	26.262818	24.414764	-0.500000
242	25.896759	24.730440	23.711578	26.280976	24.392732	0.000000
243	25.918152	24.809844	23.798584	26.298797	24.393342	0.000000
244	25.929870	24.911224	23.889129	26.318603	24.412169	0.000000
245	25.951628	24.946015	23.912569	26.335176	24.425569	0.000000
246	25.992462	24.913451	23.876464	26.352691	24.423401	0.000000
247	25.954499	24.817415	23.773561	26.369385	24.400635	0.000000
248	25.947449	24.687896	23.650880	26.385560	24.357573	0.000000
249	26.022980	24.601683	23.593354	26.400756	24.313081	0.000000
250	25.972564	24.599914	23.591217	26.416536	24.285827	0.000000
251	25.966706	24.667480	23.661682	26.430053	24.279327	0.000000
252	25.999786	24.760833	23.749604	26.442503	24.292328	0.000000
253	25.977692	24.820709	23.795808	26.454194	24.308686	0.000000
254	25.952484	24.806334	23.775818	26.464477	24.311891	0.000000
255	25.931334	24.722838	23.688293	26.471343	24.294037	0.000000
256	25.960235	24.599243	23.566589	26.480682	24.254975	0.000000
257	26.011261	24.519867	23.504060	26.492309	24.214936	0.000000
258	25.996336	24.514709	23.507691	26.506409	24.189148	0.000000
259	26.007142	24.574189	23.564179	26.518434	24.182496	0.000000
260	26.046905	24.658325	23.656586	26.531129	24.194062	0.000000
261	26.060364	24.728119	23.707214	26.540985	24.212311	0.000000
262	26.024537	24.723726	23.693879	26.552704	24.218230	0.000000
263	26.006560	24.635682	23.601899	26.556945	24.200836	0.000000
264	25.935943	24.502196	23.476716	26.562562	24.160950	0.000000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
221	-0.500000	1.079683	3.659000e-3
222	-0.500000	1.066682	3.659000e-3
223	-0.500000	1.061706	3.658000e-3
224	-0.500000	1.040741	3.658000e-3
225	-0.500000	1.024568	3.658000e-3
226	-0.500000	1.020966	3.658000e-3
227	-0.500000	1.026549	3.660000e-3
228	-0.500000	1.028962	3.660000e-3
229	-0.500000	1.036682	3.660000e-3
230	-0.500000	1.038329	3.660000e-3
231	-0.500000	1.048187	3.659000e-3
232	-0.500000	1.037722	3.658000e-3
233	-0.500000	1.030975	3.658000e-3
234	-0.500000	1.026184	3.659000e-3
235	-0.500000	1.031007	3.660000e-3
236	-0.500000	1.045073	3.660000e-3
237	-0.500000	1.047364	3.660000e-3
238	-0.500000	1.050446	3.659000e-3
239	-0.500000	1.046236	3.658000e-3
240	-0.500000	1.032501	3.657000e-3
241	-0.500000	1.027101	3.656000e-3
242	-0.500000	1.018862	3.657000e-3
243	-0.500000	1.011260	3.658000e-3
244	-0.500000	1.022095	3.659000e-3
245	-0.500000	1.033446	3.659000e-3
246	-0.500000	1.036987	3.658000e-3
247	-0.500000	1.043854	3.657000e-3
248	-0.500000	1.037016	3.656000e-3
249	-0.500000	1.008329	3.655000e-3
250	0.000000	1.008697	3.656000e-3
251	0.000000	1.005798	3.657000e-3
252	0.000000	1.011229	3.657000e-3
253	0.000000	1.024901	3.658000e-3
254	0.000000	1.030516	3.657000e-3
255	0.000000	1.034545	3.657000e-3
256	0.000000	1.032654	3.655000e-3
257	0.000000	1.015807	3.655000e-3
258	0.000000	1.007018	3.655000e-3
259	0.000000	1.010010	3.656000e-3
260	0.000000	1.001739	3.657000e-3
261	0.000000	1.020905	3.657000e-3
262	0.000000	1.029847	3.657000e-3
263	0.000000	1.033783	3.656000e-3
264	0.000000	1.025480	3.655000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
265	18:05:02	133.294000	9.520000	0.020000	8.330000	0.020000
266	18:10:50	133.295000	9.600000	0.040000	8.250000	0.060000
267	18:16:38	133.294000	9.600000	0.050000	8.120000	0.090000
268	18:22:27	133.294000	9.510000	0.030000	8.170000	0.050000
269	18:28:16	133.295000	9.600000	0.020000	8.130000	0.040000
270	18:34:04	133.294000	9.660000	0.040000	8.180000	0.030000
271	18:39:53	133.295000	9.670000	0.040000	8.130000	0.030000
272	18:45:41	133.294000	9.660000	0.040000	8.040000	0.060000
273	18:51:30	133.295000	9.660000	0.040000	8.170000	0.070000
274	18:57:19	133.294000	9.560000	0.070000	8.020000	0.070000
275	19:03:08	133.295000	9.660000	0.030000	7.970000	0.070000
276	19:08:57	133.294000	9.710000	0.070000	8.040000	0.030000
277	19:14:45	133.294000	9.880000	0.040000	8.030000	0.030000
278	19:20:34	133.295000	9.790000	0.050000	7.870000	0.080000
279	19:26:23	133.294000	9.700000	0.060000	7.950000	0.030000
280	19:32:12	133.295000	9.780000	0.040000	7.850000	0.090000
281	19:38:00	133.295000	9.760000	0.040000	7.890000	0.080000
282	19:43:49	133.294000	9.600000	0.040000	7.930000	0.070000
283	19:49:38	133.294000	9.830000	0.090000	7.930000	0.050000
284	19:55:26	133.295000	9.730000	0.050000	7.830000	0.050000
285	20:01:15	133.295000	9.660000	0.040000	7.830000	0.030000
286	20:07:03	133.295000	9.670000	0.070000	7.800000	0.090000
287	20:12:52	133.294000	9.450000	0.040000	7.730000	0.010000
288	20:18:41	133.294000	9.500000	0.060000	7.850000	0.060000
289	20:24:29	133.294000	9.580000	0.030000	7.770000	0.040000
290	20:30:19	133.294000	9.630000	0.090000	7.780000	0.060000
291	20:36:08	133.294000	9.750000	0.060000	7.700000	0.020000
292	20:41:57	133.294000	9.800000	0.060000	7.550000	0.090000
293	20:47:46	133.294000	9.680000	0.050000	7.470000	0.040000
294	20:53:35	133.294000	9.620000	0.050000	7.410000	0.050000
295	20:59:23	133.294000	9.700000	0.070000	7.670000	0.040000
296	21:05:12	133.294000	9.650000	0.050000	7.850000	0.060000
297	21:11:01	133.294000	9.750000	0.050000	7.890000	0.040000
298	21:16:49	133.294000	9.720000	0.110000	7.890000	0.060000
299	21:22:38	133.294000	9.720000	0.050000	7.880000	0.080000
300	21:28:27	133.293000	9.610000	0.030000	7.980000	0.070000
301	21:34:16	133.295000	9.560000	0.030000	7.840000	0.010000
302	21:40:05	133.294000	9.500000	0.010000	7.740000	0.090000
303	21:45:54	133.294000	9.530000	0.040000	7.790000	0.060000
304	21:51:42	133.293000	9.580000	0.070000	7.820000	0.040000
305	21:57:31	133.294000	9.780000	0.030000	7.630000	0.030000
306	22:03:19	133.294000	9.780000	0.040000	7.790000	0.060000
307	22:09:08	133.294000	9.700000	0.060000	7.850000	0.090000
308	22:14:57	133.294000	9.570000	0.030000	7.920000	0.100000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
265	25.979309	24.420624	23.402526	26.564851	24.119842	0.000000
266	25.944671	24.413237	23.400970	26.565489	24.093476	0.000000
267	25.941863	24.464721	23.449797	26.568635	24.085327	0.000000
268	25.945982	24.551301	23.533294	26.568481	24.095854	0.000000
269	25.940856	24.606567	23.578523	26.572508	24.110261	0.000000
270	25.994629	24.591737	23.560029	26.577087	24.111329	0.000000
271	25.966522	24.492065	23.457764	26.579833	24.088196	0.000000
272	25.947813	24.366760	23.342804	26.583831	24.045836	0.000000
273	25.906739	24.303163	23.286528	26.587005	24.007020	0.000000
274	25.915069	24.288545	23.273469	26.587463	23.978271	0.000000
275	25.902800	24.316589	23.306823	26.588013	23.963348	0.000000
276	25.910460	24.369597	23.357850	26.587250	23.962035	0.000000
277	25.851471	24.430999	23.406892	26.583466	23.970337	0.000000
278	25.778472	24.434571	23.394865	26.580780	23.971099	0.000000
279	25.812745	24.346741	23.304016	26.575165	23.949647	0.000000
280	25.809721	24.222412	23.186125	26.571167	23.907319	0.000000
281	25.869445	24.151855	23.123537	26.564117	23.866182	0.000000
282	25.681700	24.144682	23.118071	26.556518	23.838716	0.000000
283	25.793213	24.176514	23.146636	26.548768	23.824280	0.500000
284	25.670197	24.231873	23.199431	26.539216	23.823669	0.500000
285	25.657258	24.291778	23.256622	26.529572	23.832001	0.500000
286	25.623047	24.313875	23.260408	26.518128	23.839202	0.500000
287	25.617065	24.241975	23.182831	26.506805	23.823333	0.500000
288	25.643372	24.098541	23.043608	26.493195	23.779572	0.500000
289	25.549774	24.002838	22.958558	26.483675	23.733216	0.500000
290	25.563843	23.964660	22.924315	26.469055	23.694885	0.500000
291	25.526916	23.956788	22.920502	26.454193	23.665924	0.500000
292	25.440306	23.986879	22.949799	26.442171	23.649413	0.500000
293	25.440125	24.066437	23.035768	26.429475	23.652955	0.500000
294	25.397858	24.163025	23.110414	26.411864	23.672118	0.500000
295	25.446166	24.222749	23.166290	26.399140	23.692321	0.500000
296	25.409088	24.275330	23.209259	26.383882	23.716247	0.500000
297	25.321564	24.296660	23.217651	26.369080	23.736541	0.500000
298	25.188751	24.239227	23.149505	26.354614	23.736815	0.500000
299	25.206420	24.084746	22.993897	26.337312	23.701934	0.500000
300	25.276732	23.911101	22.831146	26.321259	23.644074	0.500000
301	25.147705	23.787568	22.714692	26.304106	23.582123	0.500000
302	25.180633	23.740448	22.681580	26.286406	23.531526	0.500000
303	25.011596	23.773621	22.709412	26.268219	23.502961	0.500000
304	25.053741	23.865723	22.799713	26.246886	23.498474	0.500000
305	25.136077	23.994904	22.917876	26.226197	23.519073	0.500000
306	25.045104	24.121062	23.027923	26.210174	23.554749	0.500000
307	25.017089	24.190705	23.089264	26.188721	23.588562	0.500000
308	24.995911	24.165406	23.046785	26.168182	23.604400	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
265	0.000000	1.018098	3.654000e-3
266	0.000000	1.012267	3.654000e-3
267	0.500000	1.014924	3.655000e-3
268	0.500000	1.018007	3.656000e-3
269	0.500000	1.028044	3.656000e-3
270	0.500000	1.031708	3.656000e-3
271	0.000000	1.034301	3.655000e-3
272	0.000000	1.023956	3.654000e-3
273	0.500000	1.016635	3.653000e-3
274	0.500000	1.015076	3.653000e-3
275	0.500000	1.009766	3.654000e-3
276	0.500000	1.011747	3.654000e-3
277	0.500000	1.024107	3.655000e-3
278	0.500000	1.039706	3.655000e-3
279	0.500000	1.042725	3.653000e-3
280	0.500000	1.036287	3.652000e-3
281	0.500000	1.028318	3.652000e-3
282	0.500000	1.026611	3.652000e-3
283	0.500000	1.029878	3.652000e-3
284	0.500000	1.032442	3.653000e-3
285	0.500000	1.035156	3.654000e-3
286	0.500000	1.053467	3.654000e-3
287	0.500000	1.059144	3.653000e-3
288	0.500000	1.054933	3.652000e-3
289	0.500000	1.044280	3.651000e-3
290	1.000000	1.040345	3.651000e-3
291	1.000000	1.036286	3.650000e-3
292	1.000000	1.037080	3.651000e-3
293	1.000000	1.030669	3.652000e-3
294	1.000000	1.052611	3.653000e-3
295	1.000000	1.056459	3.653000e-3
296	1.000000	1.066071	3.654000e-3
297	1.000000	1.079009	3.654000e-3
298	1.000000	1.089722	3.652000e-3
299	0.500000	1.090849	3.651000e-3
300	0.500000	1.079955	3.649000e-3
301	1.000000	1.072876	3.649000e-3
302	1.000000	1.058868	3.648000e-3
303	1.000000	1.064209	3.649000e-3
304	1.000000	1.066010	3.650000e-3
305	1.000000	1.077028	3.651000e-3
306	1.000000	1.093139	3.652000e-3
307	1.000000	1.101441	3.653000e-3
308	1.000000	1.118621	3.653000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
309	22:20:45	133.294000	9.620000	0.050000	7.940000	0.070000
310	22:26:34	133.294000	9.530000	0.030000	8.060000	0.030000
311	22:32:22	133.293000	9.350000	0.040000	7.980000	0.040000
312	22:38:11	133.293000	9.490000	0.100000	8.090000	0.070000
313	22:44:00	133.294000	9.480000	0.030000	8.140000	0.060000
314	22:49:49	133.294000	9.580000	0.050000	7.920000	0.100000
315	22:55:37	133.294000	9.540000	0.050000	8.070000	0.090000
316	23:01:26	133.294000	9.460000	0.070000	7.960000	0.070000
317	23:07:15	133.294000	9.280000	0.040000	8.140000	0.010000
318	23:13:04	133.294000	9.250000	0.010000	8.260000	0.040000
319	23:18:52	133.294000	9.300000	0.070000	8.270000	0.040000
320	23:24:41	133.294000	9.300000	0.010000	8.360000	0.040000
321	23:30:30	133.293000	9.330000	0.050000	8.390000	0.030000
322	23:36:19	133.293000	9.380000	0.020000	8.470000	0.060000
323	23:42:08	133.293000	9.340000	0.080000	8.490000	0.050000
324	23:47:57	133.294000	9.330000	0.030000	8.520000	0.080000
325	23:53:46	133.294000	9.310000	0.050000	8.660000	0.060000
326	23:59:34	133.294000	9.330000	0.070000	8.650000	0.060000
327	00:05:23	133.293000	9.290000	0.090000	8.690000	0.070000
328	00:11:12	133.293000	9.220000	0.060000	8.700000	0.040000
329	00:17:00	133.294000	9.280000	0.060000	8.700000	0.050000
330	00:22:49	133.293000	9.330000	0.070000	8.790000	0.030000
331	00:28:38	133.294000	9.170000	0.040000	8.900000	0.040000
332	00:34:27	133.293000	9.400000	0.030000	8.980000	0.050000
333	00:40:16	133.293000	9.230000	0.080000	8.830000	0.070000
334	00:46:05	133.293000	9.270000	0.080000	8.950000	0.040000
335	00:51:53	133.294000	9.260000	0.010000	8.890000	0.050000
336	00:57:42	133.293000	9.340000	0.050000	8.980000	0.030000
337	01:03:31	133.293000	9.400000	0.060000	8.970000	0.080000
338	01:09:20	133.293000	9.290000	0.050000	8.930000	0.040000
339	01:15:08	133.293000	9.260000	0.040000	8.940000	0.030000
340	01:20:57	133.294000	9.510000	0.050000	9.020000	0.070000
341	01:26:46	133.294000	9.400000	0.080000	8.930000	0.080000
342	01:32:35	133.295000	9.290000	0.070000	8.870000	0.060000
343	01:38:23	133.293000	9.230000	0.060000	8.990000	0.060000
344	01:44:12	133.294000	9.170000	0.070000	9.100000	0.050000
345	01:50:01	133.294000	9.060000	0.040000	9.070000	0.060000
346	01:55:49	133.294000	9.160000	0.050000	9.070000	0.090000
347	02:01:38	133.294000	9.480000	0.050000	9.190000	0.110000
348	02:07:27	133.293000	9.250000	0.070000	9.080000	0.070000
349	02:13:16	133.293000	9.280000	0.050000	8.960000	0.130000
350	02:19:04	133.294000	9.460000	0.060000	9.170000	0.160000
351	02:24:53	133.293000	9.430000	0.040000	9.030000	0.050000
352	02:30:42	133.293000	9.370000	0.080000	9.070000	0.080000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
309	24.907441	24.028198	22.918182	26.150848	23.580750	0.500000
310	24.945006	23.896301	22.787353	26.129822	23.543486	0.500000
311	24.919953	23.813354	22.712645	26.112245	23.503023	0.500000
312	24.879212	23.772919	22.679506	26.093445	23.469177	0.500000
313	24.944548	23.766053	22.673950	26.074891	23.443787	0.500000
314	24.699096	23.811584	22.718689	26.057618	23.435760	0.500000
315	24.864685	23.899780	22.807312	26.036224	23.446350	0.500000
316	24.764189	23.975282	22.873167	26.017030	23.466613	0.500000
317	24.806029	24.017549	22.905305	25.997010	23.488860	0.500000
318	24.611420	24.031677	22.918611	25.975921	23.502502	0.500000
319	24.640624	24.011139	22.895875	25.955873	23.507263	0.500000
320	24.568359	23.994232	22.876586	25.937927	23.508575	0.500000
321	24.675354	23.975250	22.867889	25.918212	23.505218	0.500000
322	24.524321	23.971953	22.863831	25.897705	23.507202	0.500000
323	24.678986	23.970032	22.862610	25.876984	23.509185	0.500000
324	24.613800	23.977446	22.866579	25.858429	23.510500	0.500000
325	24.596495	23.975800	22.862122	25.838897	23.511720	0.500000
326	24.617371	23.963501	22.846558	25.820344	23.508727	0.500000
327	24.523863	23.959107	22.841218	25.799561	23.507170	0.500000
328	24.417450	23.960356	22.848726	25.779114	23.504791	0.500000
329	24.537200	23.961272	22.850372	25.760376	23.506470	0.500000
330	24.489440	23.967406	22.851563	25.740418	23.509737	0.500000
331	24.485137	23.962036	22.846008	25.722046	23.507050	0.500000
332	24.454498	23.941925	22.822023	25.705871	23.500702	0.500000
333	24.481902	23.938751	22.830262	25.687804	23.498504	0.500000
334	24.295134	23.984007	22.875762	25.673584	23.506591	0.500000
335	24.305024	24.019591	22.905151	25.657622	23.521301	0.500000
336	24.480559	24.009920	22.888121	25.642821	23.524475	0.500000
337	24.405884	23.975555	22.855745	25.628877	23.519836	0.500000
338	24.476623	23.943297	22.824798	25.613678	23.510833	0.500000
339	24.379119	23.912018	22.798706	25.598450	23.498809	0.500000
340	24.400818	23.894654	22.777953	25.583617	23.488708	0.500000
341	24.370543	23.879699	22.760010	25.565185	23.476685	0.500000
342	24.302551	23.857879	22.740846	25.550323	23.463349	0.500000
343	24.276823	23.837952	22.721130	25.531220	23.448150	0.500000
344	24.338011	23.830170	22.717499	25.517030	23.438782	0.500000
345	24.284453	23.870086	22.759948	25.501099	23.439210	0.500000
346	24.331543	23.911528	22.791443	25.486602	23.448243	0.500000
347	24.276244	23.912444	22.788207	25.473571	23.450806	0.500000
348	24.259886	23.878999	22.759491	25.457854	23.441588	0.500000
349	24.166443	23.831391	22.710235	25.445741	23.425049	0.500000
350	24.270904	23.795075	22.679565	25.432067	23.407715	0.500000
351	24.303619	23.811493	22.704224	25.418000	23.401215	0.500000
352	24.213104	23.860230	22.747008	25.405212	23.408570	0.500000

	3-HeidenhainL(um)	14-coil-H2Oin(C)	ltage across termin
309	1.000000	1.110016	3.651000e-3
310	1.000000	1.108948	3.650000e-3
311	1.000000	1.100709	3.649000e-3
312	1.000000	1.093413	3.649000e-3
313	1.000000	1.092103	3.649000e-3
314	1.000000	1.092895	3.650000e-3
315	1.000000	1.092468	3.650000e-3
316	1.000000	1.102115	3.651000e-3
317	1.000000	1.112244	3.651000e-3
318	1.000000	1.113066	3.651000e-3
319	1.000000	1.115264	3.651000e-3
320	1.000000	1.117646	3.651000e-3
321	1.000000	1.107361	3.651000e-3
322	1.000000	1.108122	3.650000e-3
323	1.000000	1.107422	3.651000e-3
324	1.000000	1.110867	3.651000e-3
325	1.000000	1.113678	3.651000e-3
326	1.000000	1.116943	3.650000e-3
327	1.000000	1.117889	3.650000e-3
328	1.000000	1.111630	3.651000e-3
329	1.000000	1.110900	3.651000e-3
330	1.000000	1.115843	3.651000e-3
331	1.000000	1.116028	3.651000e-3
332	1.000000	1.119902	3.651000e-3
333	1.000000	1.108489	3.651000e-3
334	1.000000	1.108245	3.651000e-3
335	1.000000	1.114440	3.651000e-3
336	0.500000	1.121799	3.651000e-3
337	0.500000	1.119810	3.651000e-3
338	0.500000	1.118499	3.651000e-3
339	0.500000	1.113312	3.650000e-3
340	0.500000	1.116701	3.650000e-3
341	0.500000	1.119689	3.650000e-3
342	0.500000	1.117033	3.650000e-3
343	1.000000	1.116822	3.649000e-3
344	1.000000	1.112671	3.649000e-3
345	1.000000	1.110138	3.650000e-3
346	1.000000	1.120085	3.651000e-3
347	1.000000	1.124237	3.651000e-3
348	1.000000	1.119508	3.650000e-3
349	1.000000	1.121156	3.650000e-3
350	1.000000	1.115510	3.650000e-3
351	1.000000	1.107269	3.649000e-3
352	1.000000	1.113222	3.650000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
353	02:36:31	133.294000	9.370000	0.020000	9.100000	0.070000
354	02:42:20	133.293000	9.480000	0.040000	9.200000	0.090000
355	02:48:09	133.293000	9.560000	0.030000	9.140000	0.060000
356	02:53:57	133.293000	9.540000	0.050000	9.070000	0.120000
357	02:59:46	133.293000	9.370000	0.040000	9.050000	0.060000
358	03:05:36	133.293000	9.340000	0.050000	9.220000	0.030000
359	03:11:24	133.294000	9.480000	0.100000	9.150000	0.060000
360	03:17:13	133.295000	9.400000	0.120000	9.110000	0.080000
361	03:23:02	133.294000	9.280000	0.030000	8.990000	0.040000
362	03:28:51	133.295000	9.270000	0.090000	9.010000	0.070000
363	03:34:40	133.294000	9.440000	0.020000	9.160000	0.070000
364	03:40:30	133.295000	9.200000	0.070000	9.050000	0.050000
365	03:46:19	133.294000	9.240000	0.070000	8.950000	0.040000
366	03:52:09	133.293000	9.310000	0.080000	9.080000	0.080000
367	03:57:58	133.294000	9.270000	0.040000	9.150000	0.110000
368	04:03:47	133.294000	9.390000	0.080000	9.110000	0.050000
369	04:09:36	133.294000	9.420000	0.070000	9.130000	0.060000
370	04:15:25	133.293000	9.510000	0.040000	9.250000	0.050000
371	04:21:14	133.295000	9.290000	0.020000	9.250000	0.030000
372	04:27:04	133.293000	9.300000	0.030000	9.210000	0.050000
373	04:32:54	133.293000	9.400000	0.060000	9.320000	0.080000
374	04:38:43	133.294000	9.290000	0.050000	9.250000	0.080000
375	04:44:31	133.294000	9.500000	0.100000	9.130000	0.060000
376	04:50:21	133.294000	9.430000	0.070000	9.180000	0.090000
377	04:56:10	133.294000	9.460000	0.080000	9.180000	0.070000
378	05:02:00	133.294000	9.360000	0.050000	9.160000	0.070000
379	05:07:49	133.293000	9.270000	0.100000	9.210000	0.040000
380	05:13:38	133.294000	9.280000	0.020000	9.230000	0.100000
381	05:19:28	133.294000	9.440000	0.090000	9.400000	0.070000
382	05:25:18	133.294000	9.520000	0.080000	9.370000	0.100000
383	05:31:08	133.294000	9.430000	0.050000	9.230000	0.100000
384	05:36:58	133.293000	9.450000	0.040000	9.320000	0.100000
385	05:42:48	133.294000	9.360000	0.070000	9.270000	0.090000
386	05:48:38	133.294000	9.380000	0.030000	9.110000	0.080000
387	05:54:29	133.294000	9.290000	0.050000	9.250000	0.030000
388	06:00:21	133.295000	9.660000	0.070000	9.140000	0.100000
389	06:06:10	133.294000	9.430000	0.030000	9.110000	0.060000
390	06:11:59	133.294000	9.500000	0.070000	8.930000	0.060000
391	06:17:47	133.294000	9.390000	0.060000	9.040000	0.090000
392	06:23:36	133.294000	9.400000	0.040000	8.940000	0.080000
393	06:29:24	133.295000	9.320000	0.030000	9.020000	0.030000
394	06:35:13	133.294000	9.230000	0.060000	9.010000	0.060000
395	06:41:02	133.294000	9.350000	0.080000	9.160000	0.030000
396	06:46:51	133.295000	9.500000	0.070000	8.980000	0.020000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	MagSteel(near pole	2-HeidenhainR(um
353	24.196472	23.869414	22.748169	25.393463	23.411192	0.500000
354	24.209380	23.846924	22.725036	25.381470	23.406219	0.500000
355	24.094512	23.818206	22.698122	25.368988	23.395050	0.500000
356	24.281127	23.790162	22.669403	25.354797	23.381715	0.500000
357	24.158082	23.760132	22.642364	25.342986	23.366669	0.500000
358	24.173614	23.738007	22.612732	25.332093	23.351073	0.500000
359	24.119782	23.706634	22.590820	25.321838	23.331514	0.500000
360	24.141356	23.719361	22.608795	25.311585	23.322754	0.500000
361	24.102234	23.763489	22.654510	25.301666	23.325775	0.500000
362	24.087860	23.811309	22.690826	25.292879	23.336397	0.500000
363	24.139740	23.803315	22.676697	25.281158	23.338349	0.500000
364	24.191710	23.760771	22.641265	25.270660	23.329558	0.500000
365	24.247894	23.732910	22.613556	25.261293	23.315765	0.500000
366	24.221253	23.732147	22.623413	25.251464	23.310852	0.500000
367	24.195525	23.774324	22.660064	25.240447	23.315950	0.500000
368	24.098267	23.795257	22.677429	25.233827	23.321443	0.500000
369	24.035522	23.755309	22.633606	25.223847	23.314209	0.500000
370	24.160218	23.701294	22.582945	25.217376	23.297120	0.500000
371	24.083647	23.686586	22.569948	25.208772	23.284544	0.500000
372	24.107146	23.714662	22.606568	25.201660	23.283143	0.500000
373	24.076812	23.761534	22.652649	25.193878	23.292146	0.500000
374	24.091706	23.776489	22.661560	25.188202	23.299438	0.500000
375	24.162719	23.742798	22.626007	25.181184	23.293700	0.500000
376	24.107329	23.691376	22.572570	25.174713	23.278777	0.500000
377	24.057953	23.656678	22.546661	25.166411	23.262145	0.500000
378	24.240844	23.675384	22.565398	25.163422	23.258941	0.500000
379	24.121398	23.722535	22.614289	25.157898	23.263824	0.500000
380	24.045257	23.798156	22.690826	25.153871	23.284637	0.500000
381	24.177520	23.858122	22.745909	25.149231	23.308532	0.500000
382	24.226622	23.841583	22.715086	25.143829	23.319886	0.500000
383	24.180297	23.697541	22.568421	25.139038	23.292115	0.500000
384	24.072144	23.549957	22.429078	25.134430	23.242797	0.500000
385	24.048278	23.447540	22.337403	25.128021	23.193359	0.500000
386	24.176635	23.386446	22.286225	25.122529	23.146394	0.500000
387	24.144592	23.395752	22.295563	25.119140	23.116424	0.500000
388	23.999938	23.445526	22.348724	25.114989	23.102417	0.500000
389	24.088377	23.525911	22.428252	25.111725	23.107269	0.500000
390	24.111144	23.592009	22.476106	25.107301	23.118774	0.500000
391	24.209258	23.592408	22.471834	25.105712	23.121337	0.500000
392	24.020752	23.586456	22.461854	25.100951	23.120849	0.500000
393	24.212708	23.573976	22.462860	25.096955	23.116577	0.500000
394	24.067749	23.608490	22.495391	25.094788	23.126100	0.500000
395	23.977751	23.662383	22.542023	25.089447	23.142579	0.500000
396	24.084320	23.675169	22.549224	25.085816	23.156496	0.500000

	3-HeidenhainL(um)	14-coil-H2Oin(C)	ltage across termin
353	1.000000	1.121245	3.650000e-3
354	1.000000	1.121888	3.650000e-3
355	1.000000	1.120084	3.649000e-3
356	1.000000	1.120759	3.649000e-3
357	1.000000	1.117768	3.649000e-3
358	1.000000	1.125275	3.648000e-3
359	1.000000	1.115814	3.649000e-3
360	1.000000	1.110566	3.649000e-3
361	1.000000	1.108979	3.649000e-3
362	1.000000	1.120483	3.650000e-3
363	1.000000	1.126618	3.650000e-3
364	1.000000	1.119506	3.649000e-3
365	1.000000	1.119354	3.649000e-3
366	1.000000	1.108734	3.649000e-3
367	1.000000	1.114260	3.649000e-3
368	1.000000	1.117828	3.649000e-3
369	1.000000	1.121703	3.649000e-3
370	1.000000	1.118349	3.648000e-3
371	1.000000	1.116638	3.649000e-3
372	1.000000	1.108094	3.649000e-3
373	1.000000	1.108885	3.649000e-3
374	1.000000	1.114929	3.649000e-3
375	1.000000	1.116791	3.649000e-3
376	1.000000	1.118806	3.648000e-3
377	1.000000	1.110017	3.648000e-3
378	1.000000	1.109986	3.648000e-3
379	1.000000	1.108246	3.649000e-3
380	1.000000	1.107330	3.650000e-3
381	1.000000	1.112213	3.650000e-3
382	1.000000	1.126497	3.649000e-3
383	0.500000	1.129120	3.648000e-3
384	1.000000	1.120879	3.647000e-3
385	1.000000	1.110137	3.646000e-3
386	1.000000	1.100221	3.646000e-3
387	1.000000	1.100189	3.646000e-3
388	1.000000	1.096802	3.646000e-3
389	1.000000	1.097659	3.647000e-3
390	1.000000	1.115903	3.648000e-3
391	1.000000	1.120574	3.648000e-3
392	1.000000	1.124602	3.647000e-3
393	1.000000	1.111116	3.648000e-3
394	1.000000	1.113099	3.648000e-3
395	1.000000	1.120360	3.648000e-3
396	1.000000	1.125945	3.649000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
397	06:52:39	133.294000	9.380000	0.040000	9.120000	0.030000
398	06:58:28	133.294000	9.360000	0.060000	9.100000	0.040000
399	07:04:16	133.294000	9.380000	0.040000	9.110000	0.050000
400	07:10:05	133.294000	9.360000	0.020000	8.970000	0.110000
401	07:15:54	133.294000	9.420000	0.060000	9.180000	0.040000
402	07:21:42	133.294000	9.350000	0.120000	9.230000	0.030000
403	07:27:31	133.294000	9.290000	0.080000	9.510000	0.050000
404	07:33:19	133.295000	9.210000	0.090000	9.350000	0.080000
405	07:39:07	133.295000	9.220000	0.070000	9.390000	0.050000
406	07:44:56	133.294000	9.340000	0.050000	9.400000	0.050000
407	07:50:44	133.294000	9.340000	0.060000	9.280000	0.080000
408	07:56:32	133.294000	9.260000	0.020000	9.230000	0.040000
409	08:02:20	133.294000	9.280000	0.030000	9.220000	0.030000
410	08:08:09	133.295000	9.230000	0.050000	9.140000	0.030000
411	08:13:57	133.294000	9.410000	0.060000	9.330000	0.020000
412	08:19:46	133.294000	9.550000	0.030000	9.170000	0.040000
413	08:25:35	133.294000	9.340000	0.070000	9.260000	0.100000
414	08:31:24	133.295000	9.400000	0.060000	9.170000	0.070000
415	08:37:12	133.295000	9.390000	0.050000	9.280000	0.030000
416	08:43:00	133.294000	9.370000	0.020000	9.410000	0.030000
417	08:48:49	133.295000	9.430000	0.050000	9.350000	0.030000
418	08:54:37	133.294000	9.460000	0.160000	9.360000	0.030000
419	09:00:26	133.293000	9.500000	0.090000	9.590000	0.080000
420	09:06:15	133.294000	9.460000	0.050000	9.510000	0.120000
421	09:12:04	133.294000	9.410000	0.040000	9.600000	0.060000
422	09:17:53	133.295000	9.280000	0.110000	9.610000	0.020000
423	09:23:41	133.294000	9.160000	0.090000	9.530000	0.100000
424	09:29:30	133.295000	9.320000	0.070000	9.450000	0.120000
425	09:35:18	133.295000	9.450000	0.100000	9.470000	0.050000
426	09:41:07	133.295000	9.410000	0.090000	9.340000	0.050000
427	09:46:56	133.294000	9.290000	0.060000	9.400000	0.060000
428	09:52:45	133.294000	9.350000	0.080000	9.570000	0.060000
429	09:58:33	133.294000	9.310000	0.010000	9.410000	0.060000
430	10:04:22	133.294000	9.220000	0.040000	9.390000	0.050000
431	10:10:10	133.294000	9.260000	0.080000	9.380000	0.040000
432	10:15:59	133.295000	9.170000	0.110000	9.540000	0.040000
433	10:21:48	133.294000	9.270000	0.030000	9.360000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
397	24.135804	23.645539	22.521973	25.082459	23.156434	0.500000
398	24.078400	23.609344	22.485961	25.077271	23.150787	0.500000
399	24.131102	23.593993	22.480225	25.074585	23.145264	0.500000
400	24.133484	23.627257	22.513702	25.071501	23.152861	0.500000
401	24.056487	23.697846	22.592989	25.070527	23.172455	0.500000
402	24.130492	23.811736	22.701996	25.067659	23.213838	0.500000
403	24.093842	23.900635	22.778259	25.067506	23.258515	0.500000
404	24.127869	23.875702	22.739899	25.065218	23.279267	0.500000
405	24.131379	23.746095	22.612548	25.064972	23.265044	0.500000
406	24.086608	23.626283	22.503051	25.066802	23.235046	0.500000
407	24.240996	23.549562	22.436127	25.064941	23.203308	0.500000
408	24.036316	23.525513	22.424285	25.066009	23.179138	0.500000
409	24.228026	23.581453	22.485136	25.066467	23.176208	0.500000
410	24.217834	23.673584	22.573699	25.068574	23.191680	0.500000
411	24.227051	23.763396	22.650238	25.069154	23.218231	0.500000
412	24.214386	23.811219	22.695191	25.072968	23.243287	0.500000
413	24.112396	23.819764	22.702331	25.074126	23.260589	0.500000
414	24.265289	23.815187	22.705322	25.076904	23.272826	0.500000
415	24.253661	23.851075	22.746215	25.078798	23.294983	0.500000
416	24.213500	23.928253	22.822785	25.079651	23.328766	0.500000
417	24.356110	24.043364	22.938780	25.084533	23.378632	0.500000
418	24.306640	24.167389	23.059662	25.090270	23.443787	0.500000
419	24.340178	24.270173	23.154175	25.094331	23.507781	0.000000
420	24.368164	24.284179	23.161865	25.103822	23.558502	0.000000
421	24.385712	24.204926	23.081422	25.111479	23.575776	0.000000
422	24.420228	24.104248	22.987457	25.116272	23.572449	0.000000
423	24.429962	24.039764	22.924561	25.121765	23.563965	0.000000
424	24.365508	24.011322	22.899811	25.126831	23.557159	0.000000
425	24.364502	24.030518	22.928529	25.135713	23.559417	0.000000
426	24.373626	24.102204	22.992463	25.142302	23.579437	0.000000
427	24.403228	24.186035	23.083406	25.149446	23.609131	0.000000
428	24.354767	24.276214	23.168854	25.154876	23.649261	0.000000
429	24.467895	24.355712	23.246521	25.162720	23.694336	0.000000
430	24.529755	24.413116	23.299592	25.171692	23.737945	0.000000
431	24.487183	24.435820	23.328032	25.179839	23.775483	0.000000
432	24.520752	24.462096	23.353210	25.188841	23.811402	0.000000
433	24.363646	24.477783	23.366272	25.197327	23.843475	0.000000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
397	1.000000	1.123566	3.648000e-3
398	1.000000	1.123383	3.648000e-3
399	1.000000	1.113768	3.648000e-3
400	1.000000	1.113555	3.648000e-3
401	1.000000	1.104857	3.649000e-3
402	1.000000	1.109740	3.650000e-3
403	1.000000	1.122376	3.651000e-3
404	1.000000	1.135803	3.650000e-3
405	0.500000	1.133547	3.648000e-3
406	0.500000	1.123232	3.648000e-3
407	0.500000	1.113435	3.647000e-3
408	1.000000	1.101228	3.647000e-3
409	1.000000	1.096317	3.648000e-3
410	1.000000	1.099885	3.649000e-3
411	1.000000	1.113158	3.650000e-3
412	1.000000	1.116028	3.650000e-3
413	1.000000	1.117433	3.650000e-3
414	1.000000	1.109865	3.650000e-3
415	1.000000	1.104860	3.651000e-3
416	0.500000	1.105468	3.651000e-3
417	0.500000	1.104584	3.652000e-3
418	0.500000	1.107727	3.653000e-3
419	0.500000	1.115998	3.654000e-3
420	0.500000	1.122314	3.654000e-3
421	0.500000	1.123504	3.653000e-3
422	0.500000	1.116791	3.652000e-3
423	0.500000	1.115203	3.652000e-3
424	0.500000	1.111511	3.651000e-3
425	0.500000	1.101989	3.652000e-3
426	0.500000	1.109741	3.653000e-3
427	0.500000	1.102629	3.654000e-3
428	0.500000	1.107360	3.655000e-3
429	0.000000	1.109191	3.655000e-3
430	0.000000	1.113524	3.655000e-3
431	0.000000	1.107788	3.656000e-3
432	0.000000	1.108886	3.656000e-3
433	0.000000	1.111511	3.656000e-3