

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
1	21:16:06	133.299000	9.790000	0.080000	10.670000	0.090000
2	21:21:54	133.298000	9.790000	0.030000	10.820000	0.100000
3	21:27:42	133.299000	9.750000	0.070000	10.840000	0.060000
4	21:33:31	133.299000	9.800000	0.020000	10.760000	0.050000
5	21:39:19	133.299000	9.970000	0.040000	10.940000	0.050000
6	21:45:07	133.299000	9.980000	0.040000	10.910000	0.080000
7	21:50:55	133.299000	9.830000	0.060000	10.770000	0.050000
8	21:56:43	133.298000	9.740000	0.050000	10.940000	0.070000
9	22:02:31	133.299000	9.780000	0.060000	10.790000	0.080000
10	22:08:20	133.299000	9.850000	0.040000	10.700000	0.080000
11	22:14:09	133.299000	9.830000	0.030000	10.710000	0.060000
12	22:19:57	133.299000	10.040000	0.060000	10.580000	0.080000
13	22:25:45	133.299000	9.950000	0.040000	10.520000	0.050000
14	22:31:33	133.298000	9.890000	0.030000	10.340000	0.090000
15	22:37:21	133.299000	9.760000	0.020000	10.660000	0.080000
16	22:43:09	133.299000	9.660000	0.040000	10.830000	0.100000
17	22:48:57	133.298000	9.780000	0.030000	10.780000	0.010000
18	22:54:45	133.300000	9.740000	0.080000	10.800000	0.060000
19	23:00:33	133.299000	9.760000	0.080000	10.760000	0.090000
20	23:06:21	133.298000	9.540000	0.050000	10.620000	0.050000
21	23:12:09	133.299000	9.600000	0.050000	10.760000	0.050000
22	23:17:57	133.299000	9.580000	0.050000	10.760000	0.060000
23	23:23:45	133.299000	9.670000	0.020000	10.830000	0.050000
24	23:29:33	133.299000	9.840000	0.110000	10.800000	0.040000
25	23:35:22	133.298000	9.700000	0.060000	10.780000	0.040000
26	23:41:10	133.299000	9.560000	0.050000	10.670000	0.080000
27	23:46:58	133.299000	9.670000	0.080000	10.810000	0.060000
28	23:52:46	133.299000	9.810000	0.040000	10.770000	0.020000
29	23:58:34	133.299000	9.840000	0.110000	10.860000	0.030000
30	00:04:22	133.299000	9.860000	0.120000	10.780000	0.090000
31	00:10:10	133.299000	9.780000	0.130000	10.790000	0.040000
32	00:15:58	133.298000	9.780000	0.040000	10.770000	0.050000
33	00:21:47	133.298000	9.630000	0.060000	10.770000	0.040000
34	00:27:35	133.299000	9.800000	0.080000	11.000000	0.040000
35	00:33:24	133.299000	9.720000	0.040000	11.200000	0.010000
36	00:39:12	133.299000	9.880000	0.070000	10.990000	0.060000
37	00:45:00	133.299000	9.790000	0.050000	10.880000	0.050000
38	00:50:48	133.298000	9.620000	0.050000	10.940000	0.060000
39	00:56:36	133.299000	9.670000	0.050000	11.090000	0.100000
40	01:02:24	133.299000	9.590000	0.050000	10.970000	0.040000
41	01:08:13	133.299000	9.670000	0.030000	11.050000	0.040000
42	01:14:00	133.298000	9.660000	0.030000	11.100000	0.050000
43	01:19:48	133.299000	9.630000	0.020000	11.060000	0.040000
44	01:25:37	133.299000	9.620000	0.030000	10.940000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	MagSteel(near pole	2-HeidenhainR(um
1	22.589142	23.697266	22.633606	23.583711	23.366820	0.500000
2	22.657165	23.781097	22.700837	23.577486	23.375640	0.500000
3	22.623138	23.842500	22.771148	23.571840	23.396849	0.500000
4	22.651641	23.897767	22.821167	23.563080	23.418946	0.500000
5	22.687988	23.930727	22.843690	23.555634	23.441741	0.500000
6	22.583465	23.880432	22.831482	23.551757	23.445955	0.500000
7	22.646820	23.819153	22.736694	23.543212	23.434722	0.500000
8	22.562651	23.689727	22.584749	23.538971	23.396179	0.500000
9	22.705230	23.548552	22.446472	23.534119	23.335357	0.500000
10	22.546172	23.461577	22.375336	23.525086	23.282044	0.500000
11	22.498900	23.469300	22.374968	23.516999	23.246613	0.500000
12	22.545533	23.510620	22.438476	23.508516	23.233154	0.500000
13	22.480316	23.604217	22.529481	23.504059	23.238099	0.500000
14	22.606658	23.685456	22.643953	23.495819	23.261629	0.500000
15	22.511444	23.808867	22.742126	23.489290	23.301696	0.500000
16	22.527313	23.844268	22.772491	23.480803	23.331115	0.500000
17	22.535185	23.786774	22.697753	23.471801	23.333067	0.500000
18	22.543730	23.642761	22.548308	23.462983	23.301148	0.500000
19	22.584564	23.520507	22.432282	23.457489	23.256836	0.500000
20	22.374541	23.444733	22.365570	23.452696	23.214601	0.500000
21	22.580077	23.420289	22.337373	23.444671	23.182830	0.500000
22	22.416718	23.431550	22.333710	23.438200	23.156065	0.500000
23	22.487366	23.466096	22.377656	23.431945	23.145843	0.500000
24	22.362029	23.529420	22.452392	23.423705	23.150757	0.500000
25	22.509033	23.578886	22.528472	23.418121	23.167967	0.500000
26	22.455382	23.655090	22.574067	23.414093	23.189330	0.500000
27	22.488372	23.651976	22.607360	23.409819	23.198762	0.500000
28	22.452118	23.680788	22.613373	23.405425	23.221558	0.500000
29	22.473144	23.669250	22.580413	23.401215	23.223084	0.500000
30	22.437195	23.636475	22.556947	23.397706	23.223968	0.500000
31	22.478363	23.613190	22.561249	23.393617	23.222199	0.500000
32	22.418243	23.678221	22.601470	23.389983	23.237700	0.500000
33	22.427277	23.692995	22.636841	23.385100	23.251068	0.500000
34	22.421631	23.698761	22.638366	23.380890	23.261077	0.500000
35	22.466094	23.679351	22.608306	23.379427	23.264404	0.500000
36	22.420439	23.626068	22.576783	23.373565	23.253723	0.500000
37	22.517180	23.601379	22.554260	23.370146	23.247192	0.500000
38	22.395720	23.623199	22.558868	23.365083	23.244261	0.500000
39	22.533631	23.670868	22.619904	23.361968	23.258515	0.500000
40	22.550568	23.733216	22.666626	23.356813	23.277373	0.500000
41	22.453491	23.721680	22.678344	23.355529	23.289764	0.500000
42	22.413697	23.722718	22.660461	23.353149	23.296783	0.500000
43	22.348327	23.694885	22.622986	23.351288	23.294404	0.500000
44	22.559325	23.678864	22.593779	23.348237	23.286500	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
1	0.500000	1.063660	3.655000e-3
2	0.500000	1.080260	3.656000e-3
3	0.500000	1.071352	3.656000e-3
4	0.500000	1.076600	3.657000e-3
5	0.500000	1.087037	3.657000e-3
6	0.500000	1.048950	3.657000e-3
7	0.500000	1.082459	3.655000e-3
8	0.500000	1.104978	3.654000e-3
9	0.500000	1.102080	3.653000e-3
10	0.500000	1.086241	3.653000e-3
11	0.500000	1.094332	3.652000e-3
12	0.500000	1.072144	3.654000e-3
13	0.500000	1.074736	3.654000e-3
14	0.500000	1.041503	3.656000e-3
15	0.500000	1.066741	3.657000e-3
16	0.500000	1.071777	3.656000e-3
17	0.500000	1.089021	3.655000e-3
18	0.500000	1.094453	3.653000e-3
19	0.500000	1.088225	3.653000e-3
20	0.500000	1.079163	3.652000e-3
21	0.500000	1.082916	3.652000e-3
22	0.500000	1.097840	3.652000e-3
23	0.500000	1.088440	3.653000e-3
24	0.500000	1.077028	3.653000e-3
25	0.500000	1.050414	3.654000e-3
26	0.500000	1.081023	3.654000e-3
27	0.500000	1.044616	3.655000e-3
28	0.500000	1.067415	3.655000e-3
29	0.500000	1.088837	3.654000e-3
30	0.500000	1.079528	3.654000e-3
31	0.500000	1.051941	3.654000e-3
32	0.500000	1.076751	3.655000e-3
33	0.500000	1.056154	3.655000e-3
34	0.500000	1.060395	3.655000e-3
35	0.500000	1.071045	3.655000e-3
36	0.500000	1.049285	3.654000e-3
37	0.500000	1.047119	3.654000e-3
38	0.500000	1.064331	3.655000e-3
39	0.500000	1.050964	3.655000e-3
40	0.500000	1.066590	3.655000e-3
41	0.500000	1.043336	3.656000e-3
42	0.500000	1.062257	3.655000e-3
43	0.500000	1.071899	3.655000e-3
44	0.500000	1.085085	3.654000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
45	01:31:25	133.300000	9.720000	0.040000	11.080000	0.080000
46	01:37:13	133.299000	9.650000	0.050000	10.960000	0.060000
47	01:43:02	133.300000	9.580000	0.050000	11.040000	0.050000
48	01:48:50	133.299000	9.640000	0.040000	10.750000	0.080000
49	01:54:39	133.298000	9.600000	0.030000	10.900000	0.080000
50	02:00:27	133.299000	9.670000	0.050000	11.040000	0.110000
51	02:06:16	133.299000	9.780000	0.050000	10.820000	0.060000
52	02:12:05	133.299000	9.570000	0.030000	10.830000	0.020000
53	02:17:54	133.298000	9.530000	0.060000	10.840000	0.060000
54	02:23:43	133.300000	9.760000	0.040000	10.910000	0.060000
55	02:29:33	133.299000	9.840000	0.060000	10.840000	0.080000
56	02:35:22	133.299000	9.850000	0.050000	10.870000	0.050000
57	02:41:11	133.299000	9.820000	0.040000	10.830000	0.030000
58	02:47:00	133.299000	9.770000	0.040000	10.690000	0.070000
59	02:52:49	133.299000	9.730000	0.130000	10.850000	0.110000
60	02:58:37	133.300000	9.880000	0.020000	10.870000	0.060000
61	03:04:27	133.299000	10.030000	0.030000	10.770000	0.060000
62	03:10:16	133.299000	9.860000	0.020000	10.750000	0.050000
63	03:16:05	133.300000	9.820000	0.030000	10.680000	0.110000
64	03:21:54	133.299000	9.740000	0.030000	10.820000	0.070000
65	03:27:43	133.299000	9.680000	0.020000	10.900000	0.030000
66	03:33:32	133.300000	9.820000	0.040000	10.900000	0.060000
67	03:39:21	133.299000	10.020000	0.090000	10.800000	0.050000
68	03:45:10	133.297000	9.950000	0.050000	10.880000	0.120000
69	03:50:59	133.299000	9.780000	0.030000	10.940000	0.080000
70	03:56:48	133.299000	9.850000	0.050000	11.070000	0.080000
71	04:02:36	133.300000	9.860000	0.030000	11.160000	0.030000
72	04:08:25	133.298000	9.870000	0.040000	11.100000	0.050000
73	04:14:14	133.299000	9.950000	0.040000	10.940000	0.050000
74	04:20:03	133.300000	9.830000	0.040000	10.830000	0.050000
75	04:25:53	133.299000	9.780000	0.060000	10.950000	0.050000
76	04:31:41	133.300000	9.870000	0.040000	10.960000	0.070000
77	04:37:31	133.299000	10.010000	0.040000	10.980000	0.050000
78	04:43:20	133.299000	9.920000	0.040000	10.940000	0.070000
79	04:49:10	133.299000	9.660000	0.060000	10.920000	0.070000
80	04:54:59	133.299000	9.510000	0.040000	11.050000	0.070000
81	05:00:48	133.299000	9.580000	0.020000	11.140000	0.070000
82	05:06:37	133.299000	9.760000	0.090000	11.260000	0.040000
83	05:12:25	133.300000	9.820000	0.030000	11.140000	0.070000
84	05:18:14	133.299000	9.700000	0.030000	11.050000	0.050000
85	05:24:03	133.299000	9.650000	0.080000	11.060000	0.060000
86	05:29:52	133.299000	9.570000	0.030000	10.950000	0.040000
87	05:35:41	133.299000	9.480000	0.060000	11.000000	0.030000
88	05:41:30	133.299000	9.600000	0.030000	11.180000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
45	22.369446	23.647371	22.574067	23.346010	23.278839	0.500000
46	22.406067	23.634949	22.563081	23.344237	23.270844	0.500000
47	22.455840	23.619627	22.547393	23.340363	23.261260	0.500000
48	22.419891	23.588593	22.537598	23.336823	23.248200	0.500000
49	22.424163	23.596863	22.533416	23.331788	23.241914	0.500000
50	22.413544	23.590788	22.537964	23.331115	23.237641	0.500000
51	22.446715	23.592439	22.545257	23.326936	23.235994	0.500000
52	22.489776	23.625122	22.552521	23.321869	23.238373	0.500000
53	22.504820	23.625731	22.564818	23.321777	23.237916	0.500000
54	22.504303	23.630766	22.576569	23.320404	23.240845	0.500000
55	22.475128	23.618043	22.573547	23.317719	23.236480	0.500000
56	22.557678	23.630951	22.573211	23.318238	23.235322	0.500000
57	22.372527	23.626831	22.581787	23.318604	23.240356	0.500000
58	22.407469	23.662658	22.590454	23.319885	23.246613	0.500000
59	22.564454	23.655974	22.597625	23.319734	23.246917	0.500000
60	22.553527	23.660462	22.605926	23.316589	23.255830	0.500000
61	22.456085	23.652649	22.609344	23.314788	23.254364	0.500000
62	22.502684	23.677978	22.617462	23.314697	23.263734	0.500000
63	22.439484	23.671081	22.623932	23.310241	23.269867	0.500000
64	22.428405	23.698974	22.626404	23.311798	23.274963	0.500000
65	22.440001	23.685545	22.624422	23.309569	23.275726	0.500000
66	22.472929	23.680482	22.622284	23.306427	23.281036	0.500000
67	22.430634	23.678405	22.616182	23.305175	23.279052	0.500000
68	22.425048	23.675049	22.611785	23.304170	23.281097	0.500000
69	22.464263	23.652405	22.607391	23.301544	23.277893	0.500000
70	22.420716	23.671327	22.602478	23.299134	23.278717	0.500000
71	22.457122	23.654479	22.606018	23.295868	23.277314	0.500000
72	22.534394	23.644714	22.600281	23.292388	23.274627	0.500000
73	22.459807	23.652771	22.601745	23.294616	23.272796	0.500000
74	22.462890	23.638794	22.600617	23.296083	23.266785	0.500000
75	22.503418	23.637147	22.595153	23.296966	23.269105	0.500000
76	22.456238	23.654542	22.603392	23.297333	23.269653	0.500000
77	22.491059	23.639465	22.615662	23.297181	23.268799	0.500000
78	22.537322	23.656220	22.627015	23.297089	23.270507	0.500000
79	22.518188	23.679719	22.631195	23.298402	23.280396	0.500000
80	22.511534	23.666839	22.644258	23.297029	23.284240	0.500000
81	22.435851	23.702025	22.652193	23.298707	23.290222	0.500000
82	22.459838	23.716493	22.661042	23.301606	23.298097	0.500000
83	22.479126	23.696657	22.670899	23.298646	23.302491	0.500000
84	22.456603	23.708221	22.674193	23.299560	23.308196	0.500000
85	22.517151	23.699951	22.674622	23.298492	23.306517	0.500000
86	22.410979	23.717683	22.676787	23.297761	23.318238	0.500000
87	22.447113	23.731567	22.679048	23.299652	23.321411	0.500000
88	22.459044	23.741180	22.683532	23.298034	23.328521	0.500000

	3-HeidenhainL(um)	14-coil-H2Oin(C)	ltage across termin
45	0.500000	1.073304	3.655000e-3
46	0.500000	1.071868	3.655000e-3
47	0.500000	1.072234	3.654000e-3
48	0.500000	1.050995	3.654000e-3
49	0.500000	1.063447	3.654000e-3
50	0.500000	1.052824	3.654000e-3
51	0.500000	1.047182	3.654000e-3
52	0.500000	1.072601	3.654000e-3
53	0.500000	1.060913	3.655000e-3
54	0.500000	1.054197	3.655000e-3
55	0.500000	1.044496	3.655000e-3
56	0.500000	1.057740	3.655000e-3
57	0.500000	1.045044	3.655000e-3
58	0.500000	1.072204	3.655000e-3
59	0.500000	1.058349	3.655000e-3
60	0.500000	1.054536	3.655000e-3
61	0.500000	1.043305	3.655000e-3
62	0.500000	1.060516	3.655000e-3
63	0.500000	1.047149	3.655000e-3
64	0.500000	1.072570	3.656000e-3
65	0.500000	1.061123	3.655000e-3
66	0.500000	1.058198	3.655000e-3
67	0.500000	1.062223	3.655000e-3
68	0.500000	1.063264	3.655000e-3
69	0.500000	1.045014	3.655000e-3
70	0.500000	1.068849	3.655000e-3
71	0.500000	1.048461	3.655000e-3
72	0.500000	1.044433	3.654000e-3
73	0.500000	1.051026	3.655000e-3
74	0.500000	1.038177	3.655000e-3
75	0.500000	1.041994	3.655000e-3
76	0.500000	1.051150	3.655000e-3
77	0.500000	1.023803	3.655000e-3
78	0.500000	1.029205	3.655000e-3
79	0.500000	1.048524	3.655000e-3
80	0.500000	1.022581	3.655000e-3
81	0.500000	1.049832	3.655000e-3
82	0.500000	1.055451	3.656000e-3
83	0.500000	1.025758	3.656000e-3
84	0.500000	1.034028	3.656000e-3
85	0.500000	1.025329	3.656000e-3
86	0.500000	1.040896	3.656000e-3
87	0.500000	1.052519	3.656000e-3
88	0.500000	1.057648	3.656000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
89	05:47:19	133.299000	9.560000	0.030000	11.100000	0.050000
90	05:53:09	133.299000	9.630000	0.030000	11.060000	0.070000
91	05:58:57	133.299000	9.670000	0.060000	10.940000	0.040000
92	06:04:46	133.299000	9.630000	0.110000	10.970000	0.100000
93	06:10:36	133.299000	9.560000	0.040000	11.150000	0.050000
94	06:16:25	133.300000	9.660000	0.050000	11.100000	0.030000
95	06:22:14	133.299000	9.750000	0.050000	11.060000	0.060000
96	06:28:03	133.300000	9.650000	0.020000	10.960000	0.060000
97	06:33:52	133.299000	9.590000	0.060000	10.990000	0.060000
98	06:39:41	133.299000	9.610000	0.020000	11.000000	0.050000
99	06:45:30	133.299000	9.680000	0.050000	10.990000	0.030000
100	06:51:19	133.300000	9.720000	0.020000	10.870000	0.040000
101	06:57:08	133.299000	9.510000	0.030000	10.940000	0.020000
102	07:02:56	133.299000	9.660000	0.030000	10.940000	0.020000
103	07:08:45	133.299000	9.820000	0.060000	10.860000	0.050000
104	07:14:34	133.299000	9.940000	0.040000	10.790000	0.060000
105	07:20:22	133.300000	9.680000	0.030000	10.870000	0.050000
106	07:26:11	133.300000	9.750000	0.050000	10.760000	0.050000
107	07:31:59	133.299000	9.590000	0.060000	10.850000	0.090000
108	07:37:48	133.299000	9.730000	0.040000	10.930000	0.040000
109	07:43:36	133.299000	9.610000	0.070000	10.920000	0.040000
110	07:49:25	133.298000	9.770000	0.050000	10.840000	0.040000
111	07:55:14	133.300000	9.590000	0.070000	10.970000	0.090000
112	08:01:02	133.300000	9.730000	0.070000	10.780000	0.040000
113	08:06:51	133.299000	9.610000	0.060000	10.980000	0.050000
114	08:12:39	133.300000	9.770000	0.080000	10.930000	0.040000
115	08:18:28	133.298000	9.740000	0.030000	10.730000	0.100000
116	08:24:17	133.300000	9.790000	0.050000	10.630000	0.040000
117	08:30:05	133.299000	9.640000	0.070000	10.780000	0.020000
118	08:35:54	133.299000	9.660000	0.050000	10.840000	0.050000
119	08:41:43	133.299000	9.730000	0.030000	10.790000	0.060000
120	08:47:31	133.300000	10.000000	0.060000	10.710000	0.100000
121	08:53:20	133.299000	9.860000	0.030000	10.570000	0.040000
122	08:59:09	133.300000	9.670000	0.080000	10.670000	0.070000
123	09:04:58	133.299000	9.680000	0.060000	10.650000	0.060000
124	09:10:47	133.301000	9.830000	0.070000	10.700000	0.050000
125	09:16:35	133.300000	10.040000	0.020000	10.560000	0.040000
126	09:22:24	133.299000	9.940000	0.070000	10.520000	0.060000
127	09:28:12	133.299000	9.750000	0.040000	10.540000	0.020000
128	09:34:01	133.300000	9.540000	0.030000	10.710000	0.050000
129	09:39:50	133.299000	9.570000	0.050000	10.770000	0.040000
130	09:45:39	133.300000	9.650000	0.040000	10.850000	0.050000
131	09:51:28	133.299000	9.690000	0.030000	10.720000	0.020000
132	09:57:16	133.299000	9.670000	0.050000	10.730000	0.070000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	MagSteel(near pole	2-HeidenhainR(um
89	22.496094	23.722901	22.685027	23.299439	23.328522	0.500000
90	22.477631	23.719909	22.689240	23.299498	23.331695	0.500000
91	22.473053	23.730559	22.692292	23.296813	23.336212	0.500000
92	22.454743	23.732209	22.694824	23.296172	23.336091	0.500000
93	22.400116	23.742066	22.695556	23.297334	23.345885	0.500000
94	22.424988	23.727937	22.682891	23.295929	23.341737	0.500000
95	22.485413	23.727812	22.669219	23.297792	23.340849	0.500000
96	22.522888	23.707123	22.672393	23.294463	23.333039	0.500000
97	22.318420	23.705291	22.682921	23.294494	23.338348	0.500000
98	22.525908	23.753753	22.701995	23.295837	23.345705	0.500000
99	22.523009	23.733948	22.687989	23.294740	23.347809	0.500000
100	22.454559	23.688171	22.651429	23.293367	23.334992	0.500000
101	22.447082	23.657042	22.616393	23.293547	23.316589	0.500000
102	22.447082	23.660461	22.599487	23.293701	23.314056	0.500000
103	22.448761	23.630981	22.589843	23.293671	23.298919	0.500000
104	22.497253	23.630585	22.578309	23.291443	23.294646	0.500000
105	22.487366	23.639710	22.576141	23.291199	23.285828	0.500000
106	22.486450	23.613250	22.579255	23.292084	23.277099	0.500000
107	22.497985	23.651214	22.571136	23.289674	23.272247	0.500000
108	22.446930	23.622710	22.575926	23.286529	23.266235	0.500000
109	22.493987	23.617797	22.583740	23.287901	23.260467	0.500000
110	22.435240	23.629364	22.588591	23.288025	23.261872	0.500000
111	22.438690	23.645386	22.590423	23.284943	23.261413	0.500000
112	22.460722	23.629424	22.588348	23.287232	23.260741	0.500000
113	22.456297	23.624421	22.566313	23.285400	23.254120	0.500000
114	22.493529	23.600739	22.552124	23.282623	23.244202	0.500000
115	22.470977	23.593720	22.557036	23.281982	23.235168	0.500000
116	22.430510	23.615660	22.558746	23.282257	23.239899	0.500000
117	22.494232	23.604798	22.558837	23.281892	23.236114	0.500000
118	22.449035	23.606964	22.557435	23.279756	23.234101	0.500000
119	22.446532	23.608765	22.558442	23.277008	23.231476	0.500000
120	22.383880	23.602690	22.557952	23.277709	23.230043	0.500000
121	22.406463	23.593719	22.548249	23.277405	23.226135	0.500000
122	22.520751	23.600707	22.547822	23.275878	23.224426	0.500000
123	22.401154	23.615326	22.562166	23.274842	23.225340	0.500000
124	22.488770	23.609955	22.570282	23.274657	23.226746	0.500000
125	22.489776	23.612609	22.578493	23.273193	23.230316	0.500000
126	22.434296	23.635591	22.580046	23.273285	23.229523	0.500000
127	22.394409	23.650756	22.585969	23.272827	23.238006	0.500000
128	22.432708	23.644379	22.593475	23.271943	23.238158	0.500000
129	22.492980	23.645567	22.602356	23.269959	23.242798	0.500000
130	22.425780	23.662872	22.605712	23.269164	23.250427	0.500000
131	22.453277	23.657899	22.607790	23.268401	23.253111	0.500000
132	22.478790	23.654968	22.615967	23.268281	23.258819	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
89	0.500000	1.037874	3.656000e-3
90	0.500000	1.030669	3.656000e-3
91	0.500000	1.038267	3.656000e-3
92	0.500000	1.037385	3.656000e-3
93	0.500000	1.046510	3.656000e-3
94	0.500000	1.045046	3.655000e-3
95	0.500000	1.058593	3.656000e-3
96	0.500000	1.034730	3.656000e-3
97	0.500000	1.022370	3.656000e-3
98	0.500000	1.051758	3.656000e-3
99	0.500000	1.045959	3.655000e-3
100	0.500000	1.036742	3.656000e-3
101	0.500000	1.040649	3.655000e-3
102	0.500000	1.060974	3.655000e-3
103	0.500000	1.041138	3.655000e-3
104	0.500000	1.052276	3.655000e-3
105	0.500000	1.063569	3.655000e-3
106	0.500000	1.033995	3.655000e-3
107	0.500000	1.080078	3.655000e-3
108	0.500000	1.046784	3.655000e-3
109	0.500000	1.034057	3.655000e-3
110	0.500000	1.040773	3.655000e-3
111	0.500000	1.054963	3.655000e-3
112	0.500000	1.041076	3.655000e-3
113	0.500000	1.058108	3.655000e-3
114	0.500000	1.048615	3.655000e-3
115	0.500000	1.036684	3.655000e-3
116	0.500000	1.056914	3.655000e-3
117	0.500000	1.045961	3.655000e-3
118	0.500000	1.049529	3.655000e-3
119	0.500000	1.050323	3.655000e-3
120	0.500000	1.044738	3.654000e-3
121	0.500000	1.045470	3.655000e-3
122	0.500000	1.052885	3.655000e-3
123	0.500000	1.053160	3.655000e-3
124	0.500000	1.039673	3.655000e-3
125	0.500000	1.034116	3.655000e-3
126	0.500000	1.055545	3.655000e-3
127	0.500000	1.064787	3.655000e-3
128	0.500000	1.050904	3.655000e-3
129	0.500000	1.043211	3.655000e-3
130	0.500000	1.057160	3.656000e-3
131	0.500000	1.050109	3.655000e-3
132	0.500000	1.039001	3.655000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
133	10:03:06	133.300000	9.650000	0.050000	10.600000	0.070000
134	10:08:56	133.299000	9.690000	0.070000	10.770000	0.030000
135	10:14:45	133.300000	9.730000	0.040000	10.790000	0.030000
136	10:20:35	133.300000	9.760000	0.030000	10.760000	0.050000
137	10:26:25	133.301000	9.730000	0.030000	10.660000	0.050000
138	10:32:15	133.300000	9.650000	0.030000	10.660000	0.070000
139	10:38:05	133.300000	9.680000	0.030000	10.810000	0.050000
140	10:43:54	133.300000	9.550000	0.040000	10.800000	0.030000
141	10:49:43	133.299000	9.580000	0.070000	11.060000	0.070000
142	10:55:32	133.299000	9.690000	0.020000	10.940000	0.080000
143	11:01:23	133.300000	9.630000	0.050000	10.680000	0.020000
144	11:07:12	133.300000	9.480000	0.020000	10.910000	0.080000
145	11:13:01	133.300000	9.700000	0.080000	10.890000	0.050000
146	11:18:51	133.299000	9.750000	0.030000	10.890000	0.020000
147	11:24:40	133.300000	9.710000	0.090000	10.900000	0.050000
148	11:30:29	133.299000	9.870000	0.070000	10.860000	0.040000
149	11:36:19	133.298000	9.610000	0.060000	11.080000	0.070000
150	11:42:09	133.300000	9.620000	0.030000	11.130000	0.050000
151	11:47:58	133.298000	9.620000	0.010000	11.060000	0.040000
152	11:53:47	133.300000	9.600000	0.050000	11.070000	0.040000
153	11:59:36	133.300000	9.610000	0.070000	11.050000	0.050000
154	12:05:25	133.300000	9.670000	0.070000	11.170000	0.040000
155	12:11:14	133.299000	9.810000	0.070000	10.990000	0.040000
156	12:17:03	133.300000	9.720000	0.030000	11.040000	0.040000
157	12:22:52	133.300000	9.600000	0.070000	11.120000	0.090000
158	12:28:42	133.299000	9.830000	0.060000	11.200000	0.060000
159	12:34:30	133.299000	9.910000	0.150000	11.050000	0.110000
160	12:40:20	133.299000	9.920000	0.020000	11.030000	0.060000
161	12:46:10	133.299000	9.850000	0.060000	11.100000	0.050000
162	12:51:59	133.299000	9.840000	0.050000	10.850000	0.020000
163	12:57:49	133.300000	9.660000	0.040000	10.880000	0.130000
164	13:03:38	133.300000	9.730000	0.070000	10.940000	0.070000
165	13:09:27	133.300000	9.740000	0.030000	10.920000	0.090000
166	13:15:17	133.299000	9.860000	0.060000	10.650000	0.100000
167	13:21:07	133.300000	9.750000	0.020000	10.680000	0.030000
168	13:26:56	133.300000	9.820000	0.040000	10.720000	0.090000
169	13:32:46	133.300000	9.870000	0.060000	10.870000	0.100000
170	13:38:35	133.300000	9.880000	0.050000	10.960000	0.070000
171	13:44:25	133.300000	10.020000	0.090000	10.880000	0.080000
172	13:50:13	133.301000	9.650000	0.050000	10.930000	0.070000
173	13:56:02	133.300000	9.470000	0.040000	10.880000	0.050000
174	14:01:50	133.300000	9.680000	0.030000	10.940000	0.070000
175	14:07:39	133.300000	9.870000	0.070000	10.990000	0.170000
176	14:13:28	133.301000	9.890000	0.060000	10.800000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
133	22.506928	23.655305	22.607239	23.265930	23.259460	0.500000
134	22.491791	23.647582	22.604765	23.266054	23.258605	0.500000
135	22.445373	23.667144	22.603790	23.265197	23.262513	0.500000
136	22.324128	23.651948	22.605012	23.264586	23.260284	0.500000
137	22.500946	23.654449	22.609621	23.262207	23.265167	0.500000
138	22.454895	23.649109	22.611022	23.257446	23.266786	0.500000
139	22.416107	23.641906	22.620941	23.259215	23.263031	0.500000
140	22.347197	23.659852	22.627778	23.257142	23.273468	0.500000
141	22.378172	23.679566	22.635561	23.256530	23.278870	0.500000
142	22.430083	23.685882	22.651886	23.257936	23.284638	0.500000
143	22.468872	23.713440	22.663269	23.256043	23.294708	0.500000
144	22.457854	23.737945	22.677827	23.257325	23.302186	0.500000
145	22.491669	23.740173	22.697539	23.259492	23.314757	0.500000
146	22.483215	23.753205	22.731934	23.260254	23.324706	0.500000
147	22.453827	23.815523	22.769622	23.260893	23.350188	0.500000
148	22.483735	23.835817	22.799256	23.262024	23.369078	0.500000
149	22.508940	23.882079	22.830627	23.264587	23.392609	0.500000
150	22.544159	23.873201	22.841706	23.265319	23.411103	0.500000
151	22.480225	23.872803	22.836608	23.268891	23.420715	0.500000
152	22.446105	23.849335	22.817536	23.272462	23.427672	0.500000
153	22.549376	23.833528	22.808166	23.271454	23.430511	0.500000
154	22.452483	23.843657	22.825227	23.273559	23.437195	0.500000
155	22.545533	23.885529	22.850099	23.277009	23.451539	0.500000
156	22.484314	23.909058	22.882660	23.279724	23.468322	0.500000
157	22.533416	23.950806	22.926422	23.281128	23.492401	0.500000
158	22.538847	23.998261	22.955353	23.284606	23.512788	0.500000
159	22.529418	24.005218	22.962099	23.287781	23.532104	0.500000
160	22.571563	23.947691	22.896697	23.289247	23.531099	0.500000
161	22.633972	23.833250	22.771422	23.293151	23.503601	0.500000
162	22.475860	23.669860	22.636291	23.295073	23.453032	0.500000
163	22.497010	23.590302	22.547943	23.296997	23.402010	0.500000
164	22.531280	23.569183	22.540345	23.301025	23.365601	0.500000
165	22.543396	23.640564	22.615692	23.303222	23.357269	0.500000
166	22.553648	23.737093	22.711486	23.306489	23.370088	0.500000
167	22.515380	23.849120	22.817656	23.305727	23.395265	0.500000
168	22.554535	23.949037	22.907410	23.311340	23.431732	0.500000
169	22.559325	23.978088	22.950378	23.313873	23.464751	0.500000
170	22.633941	23.952393	22.910888	23.316315	23.483825	0.500000
171	22.575592	23.873534	22.809295	23.320282	23.468537	0.500000
172	22.515106	23.744324	22.718720	23.322570	23.438537	0.500000
173	22.603271	23.727295	22.676056	23.324616	23.418427	0.500000
174	22.620329	23.710876	22.666412	23.326630	23.398194	0.500000
175	22.546265	23.721436	22.702332	23.331665	23.390594	0.500000
176	22.609436	23.797241	22.757415	23.336425	23.402162	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
133	0.500000	1.048066	3.655000e-3
134	0.500000	1.042817	3.656000e-3
135	0.500000	1.063354	3.656000e-3
136	0.500000	1.046936	3.655000e-3
137	0.500000	1.044828	3.656000e-3
138	0.500000	1.038087	3.655000e-3
139	0.500000	1.020965	3.655000e-3
140	0.500000	1.032074	3.656000e-3
141	0.500000	1.044005	3.656000e-3
142	0.500000	1.033996	3.656000e-3
143	0.500000	1.050171	3.657000e-3
144	0.500000	1.060118	3.656000e-3
145	0.500000	1.042634	3.656000e-3
146	0.500000	1.021271	3.657000e-3
147	0.500000	1.045901	3.657000e-3
148	0.500000	1.036561	3.657000e-3
149	0.000000	1.051452	3.657000e-3
150	0.000000	1.031495	3.657000e-3
151	0.000000	1.036195	3.658000e-3
152	0.000000	1.031799	3.657000e-3
153	0.000000	1.025362	3.657000e-3
154	0.000000	1.018430	3.658000e-3
155	0.000000	1.035430	3.658000e-3
156	0.000000	1.026398	3.658000e-3
157	0.000000	1.024384	3.658000e-3
158	0.000000	1.042908	3.658000e-3
159	0.000000	1.043119	3.659000e-3
160	0.000000	1.050994	3.658000e-3
161	0.000000	1.061828	3.657000e-3
162	0.000000	1.033569	3.656000e-3
163	0.000000	1.042359	3.655000e-3
164	0.000000	1.028838	3.655000e-3
165	0.000000	1.024872	3.656000e-3
166	0.500000	1.025607	3.657000e-3
167	0.500000	1.031464	3.658000e-3
168	0.500000	1.041627	3.658000e-3
169	0.000000	1.027710	3.659000e-3
170	0.000000	1.041505	3.659000e-3
171	0.000000	1.064239	3.657000e-3
172	0.000000	1.025604	3.656000e-3
173	0.000000	1.051239	3.656000e-3
174	0.000000	1.044464	3.656000e-3
175	0.000000	1.019104	3.656000e-3
176	0.000000	1.039826	3.657000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
177	14:19:17	133.300000	9.760000	0.050000	10.720000	0.020000
178	14:25:06	133.300000	9.820000	0.070000	10.850000	0.030000
179	14:30:54	133.301000	9.840000	0.020000	10.830000	0.020000
180	14:36:43	133.300000	9.840000	0.030000	10.930000	0.050000
181	14:42:32	133.301000	9.890000	0.060000	10.820000	0.070000
182	14:48:21	133.300000	10.020000	0.060000	10.640000	0.070000
183	14:54:10	133.300000	9.810000	0.070000	10.480000	0.090000
184	14:59:58	133.300000	9.570000	0.050000	10.550000	0.030000
185	15:05:46	133.299000	9.560000	0.110000	10.700000	0.050000
186	15:11:35	133.300000	9.830000	0.060000	10.800000	0.040000
187	15:17:24	133.300000	9.750000	0.020000	10.700000	0.050000
188	15:23:13	133.301000	9.710000	0.060000	10.710000	0.090000
189	15:29:02	133.301000	9.560000	0.020000	10.710000	0.060000
190	15:34:50	133.300000	9.520000	0.060000	10.730000	0.070000
191	15:40:38	133.301000	9.530000	0.040000	10.860000	0.060000
192	15:46:28	133.299000	9.710000	0.040000	10.770000	0.070000
193	15:52:17	133.300000	9.740000	0.130000	10.760000	0.050000
194	15:58:05	133.300000	9.720000	0.010000	10.760000	0.040000
195	16:03:54	133.300000	9.700000	0.030000	10.810000	0.080000
196	16:09:43	133.301000	9.610000	0.050000	10.760000	0.050000
197	16:15:31	133.300000	9.570000	0.080000	10.900000	0.070000
198	16:21:20	133.300000	9.630000	0.070000	10.850000	0.030000
199	16:27:09	133.300000	9.790000	0.030000	11.010000	0.090000
200	16:32:58	133.300000	9.690000	0.060000	10.840000	0.030000
201	16:38:47	133.300000	9.680000	0.060000	10.850000	0.030000
202	16:44:36	133.301000	9.690000	0.050000	10.840000	0.030000
203	16:50:25	133.300000	9.610000	0.050000	10.950000	0.050000
204	16:56:14	133.300000	9.650000	0.040000	10.880000	0.070000
205	17:02:03	133.300000	9.640000	0.050000	10.810000	0.030000
206	17:07:51	133.300000	9.740000	0.040000	10.780000	0.040000
207	17:13:40	133.301000	9.790000	0.030000	10.810000	0.030000
208	17:19:29	133.300000	9.750000	0.030000	10.680000	0.030000
209	17:25:17	133.300000	9.700000	0.050000	10.720000	0.020000
210	17:31:06	133.299000	9.610000	0.060000	10.720000	0.090000
211	17:36:55	133.300000	9.640000	0.050000	10.860000	0.070000
212	17:42:44	133.300000	9.640000	0.040000	11.060000	0.050000
213	17:48:33	133.300000	9.860000	0.030000	11.050000	0.040000
214	17:54:22	133.300000	9.700000	0.070000	10.830000	0.040000
215	18:00:11	133.300000	9.610000	0.050000	10.850000	0.040000
216	18:06:00	133.301000	9.750000	0.020000	10.720000	0.030000
217	18:11:48	133.301000	9.570000	0.080000	10.880000	0.050000
218	18:17:37	133.300000	9.810000	0.040000	10.780000	0.080000
219	18:23:25	133.300000	9.660000	0.050000	10.720000	0.030000
220	18:29:14	133.300000	9.720000	0.050000	10.610000	0.030000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	MagSteel(near pole)	2-HeidenhainR(um)
177	22.644317	23.857270	22.824676	23.341401	23.422424	0.500000
178	22.718749	23.928865	22.874971	23.350493	23.447632	0.500000
179	22.743682	23.913331	22.867369	23.360627	23.456238	0.500000
180	22.678132	23.841795	22.795380	23.368773	23.446412	0.500000
181	22.719817	23.765350	22.719390	23.375701	23.425750	0.500000
182	22.687683	23.757660	22.704193	23.380126	23.411835	0.500000
183	22.657227	23.779908	22.724672	23.381011	23.409028	0.500000
184	22.574615	23.825958	22.776611	23.382782	23.418731	0.500000
185	22.576293	23.895659	22.843233	23.381989	23.437715	0.500000
186	22.560577	23.955963	22.900421	23.383421	23.466429	0.500000
187	22.622344	23.937773	22.893767	23.382080	23.479492	0.500000
188	22.695555	23.880249	22.823854	23.381285	23.475068	0.500000
189	22.598235	23.805542	22.745087	23.382202	23.452422	0.500000
190	22.644410	23.768830	22.703309	23.384736	23.436707	0.500000
191	22.590637	23.789764	22.724394	23.385651	23.429350	0.500000
192	22.493376	23.804963	22.774872	23.384766	23.433290	0.500000
193	22.555847	23.898988	22.834230	23.381896	23.454865	0.500000
194	22.542786	23.949342	22.902100	23.381867	23.477142	0.500000
195	22.592711	23.992094	22.912902	23.381285	23.500824	0.500000
196	22.648499	23.935364	22.857208	23.379334	23.497405	0.500000
197	22.621550	23.851103	22.762207	23.380006	23.476747	0.500000
198	22.550842	23.746459	22.695313	23.381011	23.447632	0.500000
199	22.582306	23.724733	22.686004	23.379333	23.428771	0.500000
200	22.590789	23.759277	22.718263	23.379242	23.425750	0.500000
201	22.510132	23.820648	22.778626	23.380828	23.434358	0.500000
202	22.640166	23.883942	22.841918	23.380371	23.454985	0.500000
203	22.526581	23.913695	22.850099	23.381105	23.465760	0.500000
204	22.636628	23.887177	22.797637	23.381196	23.465362	0.500000
205	22.552247	23.767610	22.717528	23.380127	23.438478	0.500000
206	22.499053	23.711180	22.677643	23.377532	23.415465	0.500000
207	22.498474	23.729767	22.691467	23.376129	23.405731	0.500000
208	22.580871	23.807587	22.735963	23.375580	23.414580	0.500000
209	22.571837	23.842958	22.802978	23.373018	23.425384	0.500000
210	22.440521	23.877625	22.840119	23.370424	23.446319	0.500000
211	22.571227	23.871735	22.805114	23.370635	23.447907	0.500000
212	22.627594	23.794007	22.722137	23.367036	23.430970	0.500000
213	22.558655	23.730011	22.667877	23.366669	23.406678	0.500000
214	22.582640	23.724944	22.660307	23.364625	23.395601	0.500000
215	22.552275	23.735900	22.700011	23.363831	23.390412	0.500000
216	22.617249	23.787721	22.768890	23.363037	23.404542	0.500000
217	22.615234	23.873901	22.810578	23.361633	23.424956	0.500000
218	22.567412	23.884797	22.798067	23.360076	23.433412	0.500000
219	22.566406	23.805848	22.730072	23.361296	23.420442	0.500000
220	22.545533	23.700470	22.637360	23.359465	23.390413	0.500000

	3-HeidenhainL(um)	14-coil-H2Oin(C)	ltage across termin
177	0.000000	1.032594	3.658000e-3
178	0.000000	1.053894	3.658000e-3
179	0.000000	1.045962	3.658000e-3
180	0.000000	1.046415	3.657000e-3
181	0.000000	1.045960	3.657000e-3
182	0.000000	1.053467	3.657000e-3
183	0.000000	1.055236	3.657000e-3
184	0.000000	1.049347	3.657000e-3
185	0.500000	1.052426	3.657000e-3
186	0.000000	1.055542	3.658000e-3
187	0.000000	1.044006	3.658000e-3
188	0.000000	1.056395	3.658000e-3
189	0.000000	1.060455	3.657000e-3
190	0.000000	1.065521	3.657000e-3
191	0.000000	1.065370	3.657000e-3
192	0.000000	1.030091	3.657000e-3
193	0.000000	1.064758	3.658000e-3
194	0.000000	1.047242	3.659000e-3
195	0.000000	1.079192	3.659000e-3
196	0.000000	1.078156	3.658000e-3
197	0.000000	1.088896	3.657000e-3
198	0.000000	1.051146	3.657000e-3
199	0.000000	1.038729	3.657000e-3
200	0.000000	1.041014	3.657000e-3
201	0.000000	1.042022	3.658000e-3
202	0.000000	1.042024	3.658000e-3
203	0.000000	1.063596	3.658000e-3
204	0.000000	1.089540	3.658000e-3
205	0.000000	1.050082	3.657000e-3
206	0.000000	1.033537	3.657000e-3
207	0.000000	1.038300	3.657000e-3
208	0.000000	1.071624	3.657000e-3
209	0.000000	1.039980	3.658000e-3
210	0.000000	1.037506	3.658000e-3
211	0.000000	1.066621	3.658000e-3
212	0.000000	1.071870	3.657000e-3
213	0.000000	1.062134	3.656000e-3
214	0.000000	1.064637	3.656000e-3
215	0.000000	1.035889	3.656000e-3
216	0.500000	1.018831	3.657000e-3
217	0.500000	1.063323	3.658000e-3
218	0.000000	1.086730	3.658000e-3
219	0.000000	1.075776	3.657000e-3
220	0.000000	1.063110	3.656000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
221	18:35:03	133.300000	9.520000	0.080000	10.760000	0.090000
222	18:40:52	133.300000	9.630000	0.040000	10.700000	0.040000
223	18:46:41	133.301000	9.830000	0.130000	10.720000	0.090000
224	18:52:30	133.300000	9.820000	0.050000	10.660000	0.070000
225	18:58:19	133.300000	9.660000	0.090000	10.540000	0.080000
226	19:04:08	133.300000	9.490000	0.060000	10.590000	0.070000
227	19:09:57	133.301000	9.580000	0.040000	10.590000	0.030000
228	19:15:46	133.300000	9.670000	0.070000	10.760000	0.050000
229	19:21:35	133.300000	9.730000	0.050000	10.620000	0.030000
230	19:27:24	133.301000	9.570000	0.050000	10.630000	0.050000
231	19:33:13	133.301000	9.590000	0.070000	10.590000	0.060000
232	19:39:02	133.299000	9.390000	0.070000	10.450000	0.040000
233	19:44:52	133.300000	9.430000	0.030000	10.480000	0.070000
234	19:50:42	133.301000	9.490000	0.050000	10.740000	0.050000
235	19:56:32	133.300000	9.770000	0.050000	10.570000	0.100000
236	20:02:21	133.300000	9.940000	0.050000	10.280000	0.050000
237	20:08:11	133.300000	9.760000	0.040000	10.250000	0.030000
238	20:14:02	133.300000	9.690000	0.070000	10.440000	0.090000
239	20:19:51	133.300000	9.680000	0.020000	10.650000	0.060000
240	20:25:41	133.300000	9.850000	0.030000	10.440000	0.140000
241	20:31:31	133.300000	9.770000	0.070000	10.430000	0.040000
242	20:37:21	133.300000	9.750000	0.080000	10.330000	0.080000
243	20:43:11	133.301000	9.640000	0.030000	10.260000	0.040000
244	20:49:01	133.300000	9.510000	0.040000	10.320000	0.020000
245	20:54:51	133.300000	9.560000	0.010000	10.210000	0.030000
246	21:00:41	133.300000	9.660000	0.060000	10.320000	0.020000
247	21:06:31	133.301000	9.900000	0.040000	10.250000	0.060000
248	21:12:21	133.300000	9.760000	0.010000	10.320000	0.040000
249	21:18:11	133.301000	9.740000	0.060000	10.220000	0.090000
250	21:24:01	133.300000	9.800000	0.030000	10.390000	0.060000
251	21:29:50	133.300000	9.770000	0.080000	10.430000	0.030000
252	21:35:40	133.301000	9.760000	0.040000	10.400000	0.030000
253	21:41:30	133.300000	9.740000	0.070000	10.350000	0.040000
254	21:47:19	133.300000	9.940000	0.090000	10.520000	0.080000
255	21:53:09	133.301000	9.990000	0.070000	10.310000	0.070000
256	21:58:59	133.300000	9.850000	0.020000	10.200000	0.100000
257	22:04:48	133.300000	10.010000	0.030000	10.230000	0.030000
258	22:10:38	133.301000	9.860000	0.070000	10.350000	0.070000
259	22:16:28	133.300000	9.880000	0.010000	10.410000	0.050000
260	22:22:18	133.300000	9.820000	0.040000	10.340000	0.060000
261	22:28:07	133.300000	9.760000	0.080000	10.460000	0.070000
262	22:33:57	133.300000	9.910000	0.060000	10.390000	0.050000
263	22:39:47	133.301000	9.850000	0.050000	10.250000	0.040000
264	22:45:37	133.301000	9.740000	0.030000	10.390000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	MagSteel(near pole	2-HeidenhainR(um
221	22.480316	23.643494	22.598967	23.357575	23.363038	0.500000
222	22.593872	23.641326	22.601960	23.353545	23.347443	0.500000
223	22.441070	23.675353	22.630736	23.353761	23.339812	0.500000
224	22.481141	23.730621	22.675201	23.350799	23.345705	0.500000
225	22.517516	23.764434	22.713685	23.347321	23.356537	0.500000
226	22.541167	23.760009	22.689424	23.348052	23.359405	0.500000
227	22.419891	23.663299	22.615021	23.344206	23.334504	0.500000
228	22.461090	23.555388	22.511719	23.340059	23.297394	0.500000
229	22.466094	23.509278	22.453766	23.337465	23.264039	0.500000
230	22.483093	23.488769	22.448488	23.334930	23.236205	0.500000
231	22.527434	23.502776	22.460113	23.331787	23.222137	0.500000
232	22.390837	23.523896	22.479890	23.330504	23.214843	0.500000
233	22.451386	23.565705	22.505646	23.325012	23.210844	0.500000
234	22.440123	23.576598	22.529786	23.324495	23.210054	0.500000
235	22.525267	23.610261	22.573273	23.322539	23.219574	0.500000
236	22.452118	23.681946	22.623323	23.324584	23.237242	0.500000
237	22.473692	23.698546	22.665527	23.326295	23.251679	0.500000
238	22.516236	23.696595	22.640350	23.324890	23.262114	0.500000
239	22.470307	23.613892	22.540068	23.322266	23.244629	0.500000
240	22.508392	23.496673	22.426362	23.320374	23.207824	0.500000
241	22.507691	23.424162	22.360444	23.320648	23.170198	0.500000
242	22.345306	23.393250	22.338745	23.318267	23.138459	0.500000
243	22.471222	23.404784	22.329070	23.314545	23.116060	0.500000
244	22.382569	23.429750	22.365295	23.309358	23.108674	0.500000
245	22.435517	23.495362	22.441589	23.306916	23.115082	0.500000
246	22.403349	23.560823	22.508149	23.304534	23.132719	0.500000
247	22.434234	23.589386	22.542024	23.299927	23.147522	0.500000
248	22.526946	23.592315	22.551392	23.295714	23.162016	0.500000
249	22.418885	23.581970	22.538115	23.293367	23.165253	0.500000
250	22.506928	23.573609	22.531648	23.295227	23.166137	0.500000
251	22.488677	23.567780	22.532744	23.294281	23.170104	0.500000
252	22.503509	23.564148	22.535401	23.294372	23.174896	0.500000
253	22.456481	23.557953	22.531096	23.291779	23.171967	0.500000
254	22.469055	23.586274	22.530548	23.290833	23.180115	0.500000
255	22.427856	23.589416	22.538085	23.287933	23.183503	0.500000
256	22.453551	23.604187	22.542420	23.286406	23.187562	0.500000
257	22.532134	23.611388	22.544404	23.283448	23.190704	0.500000
258	22.413573	23.601715	22.543915	23.283144	23.191101	0.500000
259	22.473633	23.590819	22.546602	23.281340	23.196043	0.500000
260	22.483856	23.599275	22.542725	23.282686	23.196686	0.500000
261	22.383880	23.591704	22.545044	23.282256	23.197969	0.500000
262	22.405059	23.596344	22.541747	23.279298	23.198364	0.500000
263	22.440521	23.595643	22.543029	23.276916	23.199342	0.500000
264	22.424163	23.602814	22.543060	23.276824	23.202209	0.500000

	3-HeidenhainL(um)	14-coil-H2Oin(C)	ltage across termin
221	0.000000	1.044527	3.656000e-3
222	0.500000	1.039366	3.656000e-3
223	0.500000	1.044617	3.656000e-3
224	0.500000	1.055420	3.657000e-3
225	0.500000	1.050749	3.658000e-3
226	0.500000	1.070585	3.657000e-3
227	0.500000	1.048278	3.656000e-3
228	0.500000	1.043669	3.655000e-3
229	0.500000	1.055512	3.654000e-3
230	0.500000	1.040281	3.654000e-3
231	0.500000	1.042663	3.655000e-3
232	0.500000	1.044006	3.655000e-3
233	0.500000	1.060059	3.655000e-3
234	0.500000	1.046812	3.655000e-3
235	0.500000	1.036988	3.656000e-3
236	0.500000	1.058623	3.656000e-3
237	0.500000	1.033019	3.657000e-3
238	0.500000	1.056245	3.656000e-3
239	0.500000	1.073824	3.655000e-3
240	0.500000	1.070311	3.654000e-3
241	0.500000	1.063718	3.654000e-3
242	0.500000	1.054505	3.653000e-3
243	0.500000	1.075714	3.653000e-3
244	0.500000	1.064455	3.654000e-3
245	0.500000	1.053773	3.655000e-3
246	0.500000	1.052674	3.656000e-3
247	0.500000	1.047362	3.655000e-3
248	0.500000	1.040923	3.656000e-3
249	0.500000	1.043855	3.655000e-3
250	0.500000	1.041961	3.655000e-3
251	0.500000	1.035036	3.656000e-3
252	0.500000	1.028747	3.655000e-3
253	0.500000	1.026857	3.655000e-3
254	0.500000	1.055726	3.656000e-3
255	0.500000	1.051331	3.656000e-3
256	0.500000	1.061767	3.656000e-3
257	0.500000	1.066984	3.656000e-3
258	0.500000	1.057800	3.655000e-3
259	0.500000	1.044217	3.656000e-3
260	0.500000	1.056550	3.656000e-3
261	0.500000	1.046660	3.655000e-3
262	0.500000	1.054597	3.656000e-3
263	0.500000	1.052614	3.656000e-3
264	0.500000	1.059754	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	22:51:27	133.301000	9.800000	0.070000	10.520000	0.100000
266	22:57:16	133.300000	9.970000	0.020000	10.540000	0.050000
267	23:03:06	133.301000	10.080000	0.060000	10.490000	0.070000
268	23:08:56	133.300000	10.000000	0.030000	10.540000	0.040000
269	23:14:46	133.300000	9.770000	0.020000	10.400000	0.080000
270	23:20:36	133.300000	9.790000	0.070000	10.370000	0.060000
271	23:26:26	133.300000	9.710000	0.100000	10.370000	0.080000
272	23:32:16	133.301000	9.800000	0.040000	10.670000	0.020000
273	23:38:06	133.301000	9.970000	0.060000	10.620000	0.040000
274	23:43:56	133.301000	9.990000	0.010000	10.460000	0.050000
275	23:49:46	133.301000	9.890000	0.060000	10.330000	0.040000
276	23:55:36	133.301000	9.830000	0.030000	10.430000	0.050000
277	00:01:25	133.300000	9.690000	0.080000	10.490000	0.040000
278	00:07:15	133.301000	9.740000	0.050000	10.490000	0.040000
279	00:13:04	133.301000	9.950000	0.020000	10.410000	0.050000
280	00:18:54	133.301000	10.010000	0.050000	10.420000	0.020000
281	00:24:43	133.301000	9.850000	0.040000	10.360000	0.040000
282	00:30:31	133.301000	9.670000	0.030000	10.640000	0.070000
283	00:36:20	133.301000	9.710000	0.040000	10.550000	0.070000
284	00:42:09	133.300000	9.860000	0.120000	10.640000	0.100000
285	00:47:58	133.301000	9.960000	0.020000	10.520000	0.100000
286	00:53:47	133.300000	9.920000	0.040000	10.300000	0.060000
287	00:59:36	133.300000	9.860000	0.030000	10.370000	0.030000
288	01:05:25	133.300000	9.760000	0.030000	10.510000	0.060000
289	01:11:15	133.301000	9.770000	0.040000	10.470000	0.020000
290	01:17:05	133.301000	9.960000	0.030000	10.440000	0.070000
291	01:22:55	133.301000	9.740000	0.020000	10.590000	0.050000
292	01:28:45	133.301000	9.750000	0.040000	10.510000	0.020000
293	01:34:35	133.301000	9.750000	0.060000	10.380000	0.050000
294	01:40:24	133.301000	9.890000	0.070000	10.460000	0.080000
295	01:46:15	133.301000	9.740000	0.020000	10.770000	0.050000
296	01:52:05	133.301000	9.790000	0.110000	10.630000	0.020000
297	01:57:55	133.300000	9.690000	0.080000	10.580000	0.080000
298	02:03:45	133.301000	9.620000	0.060000	10.620000	0.070000
299	02:09:36	133.301000	9.650000	0.040000	10.630000	0.090000
300	02:15:26	133.300000	9.630000	0.080000	10.630000	0.060000
301	02:21:16	133.301000	9.640000	0.060000	10.610000	0.070000
302	02:27:06	133.301000	9.790000	0.070000	10.580000	0.030000
303	02:32:56	133.301000	9.680000	0.030000	10.580000	0.050000
304	02:38:47	133.301000	9.590000	0.060000	10.530000	0.080000
305	02:44:37	133.300000	9.870000	0.050000	10.480000	0.030000
306	02:50:28	133.301000	9.910000	0.030000	10.480000	0.040000
307	02:56:18	133.301000	9.760000	0.020000	10.600000	0.040000
308	03:02:08	133.301000	9.780000	0.040000	10.600000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
265	22.399964	23.588898	22.524019	23.275331	23.196685	0.500000
266	22.434997	23.574768	22.527192	23.273406	23.194733	0.500000
267	22.434296	23.607240	22.568817	23.270050	23.205351	0.500000
268	22.503051	23.652160	22.591919	23.268250	23.216278	0.500000
269	22.371916	23.652254	22.597656	23.268922	23.225250	0.500000
270	22.423858	23.636780	22.578003	23.264985	23.223482	0.500000
271	22.408568	23.614808	22.546602	23.265197	23.220063	0.500000
272	22.473144	23.559417	22.524963	23.264739	23.200441	0.500000
273	22.352905	23.564973	22.514190	23.262724	23.200714	0.500000
274	22.480285	23.559204	22.511596	23.261657	23.197570	0.500000
275	22.450745	23.552063	22.512938	23.260408	23.194275	0.500000
276	22.440428	23.557497	22.519746	23.261323	23.191864	0.500000
277	22.475647	23.566895	22.527252	23.261687	23.190461	0.500000
278	22.495818	23.552185	22.522035	23.259521	23.179779	0.500000
279	22.453246	23.575318	22.521332	23.261566	23.186555	0.500000
280	22.521483	23.583984	22.535858	23.262787	23.189056	0.500000
281	22.505309	23.594451	22.549102	23.261077	23.194855	0.500000
282	22.501740	23.600616	22.565735	23.258577	23.201721	0.500000
283	22.458770	23.633027	22.569855	23.257905	23.206146	0.500000
284	22.402710	23.615508	22.575226	23.258026	23.211029	0.500000
285	22.405915	23.622711	22.569396	23.257537	23.213318	0.500000
286	22.347533	23.617033	22.572906	23.258636	23.214539	0.500000
287	22.397186	23.628173	22.569670	23.257782	23.215942	0.500000
288	22.475342	23.626587	22.573548	23.255280	23.221435	0.500000
289	22.444031	23.635528	22.582183	23.255736	23.224550	0.500000
290	22.431397	23.639191	22.587432	23.253905	23.231171	0.500000
291	22.471282	23.640809	22.587250	23.251891	23.234221	0.500000
292	22.471587	23.637665	22.597900	23.250517	23.235169	0.500000
293	22.535216	23.629182	22.605652	23.247649	23.241363	0.500000
294	22.400391	23.639190	22.601380	23.248412	23.241851	0.500000
295	22.433197	23.628784	22.609772	23.247864	23.244659	0.500000
296	22.391052	23.650238	22.614503	23.248870	23.250732	0.500000
297	22.461638	23.647523	22.622559	23.249054	23.256316	0.500000
298	22.435607	23.644958	22.621551	23.248443	23.257689	0.500000
299	22.477355	23.641022	22.617888	23.248687	23.256288	0.500000
300	22.398040	23.657164	22.615234	23.249449	23.263488	0.500000
301	22.464020	23.637146	22.609773	23.250305	23.261750	0.500000
302	22.521452	23.671813	22.610626	23.250213	23.263945	0.500000
303	22.442505	23.632782	22.598998	23.248535	23.261657	0.500000
304	22.473907	23.612457	22.577606	23.248475	23.249786	0.500000
305	22.415528	23.631471	22.566039	23.248170	23.251495	0.500000
306	22.432861	23.611998	22.556215	23.249116	23.237520	0.500000
307	22.456023	23.649048	22.582520	23.248443	23.242614	0.500000
308	22.453644	23.647277	22.604981	23.246397	23.251465	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
265	0.500000	1.064879	3.656000e-3
266	0.500000	1.047576	3.656000e-3
267	0.500000	1.038423	3.656000e-3
268	0.500000	1.060241	3.657000e-3
269	0.500000	1.054598	3.657000e-3
270	0.500000	1.058777	3.656000e-3
271	0.500000	1.068206	3.656000e-3
272	0.500000	1.034454	3.655000e-3
273	0.500000	1.050783	3.655000e-3
274	0.500000	1.047608	3.655000e-3
275	0.500000	1.039125	3.656000e-3
276	0.500000	1.037751	3.656000e-3
277	0.500000	1.039643	3.656000e-3
278	0.500000	1.030150	3.655000e-3
279	0.500000	1.053986	3.655000e-3
280	0.500000	1.048126	3.656000e-3
281	0.500000	1.045349	3.656000e-3
282	0.500000	1.034881	3.656000e-3
283	0.500000	1.063172	3.656000e-3
284	0.500000	1.040282	3.657000e-3
285	0.500000	1.053315	3.656000e-3
286	0.500000	1.044127	3.656000e-3
287	0.500000	1.058503	3.656000e-3
288	0.500000	1.053039	3.656000e-3
289	0.500000	1.053345	3.656000e-3
290	0.500000	1.051759	3.656000e-3
291	0.500000	1.053559	3.657000e-3
292	0.500000	1.039765	3.656000e-3
293	0.500000	1.023530	3.657000e-3
294	0.500000	1.037810	3.656000e-3
295	0.500000	1.019012	3.657000e-3
296	0.500000	1.035735	3.656000e-3
297	0.500000	1.024964	3.657000e-3
298	0.500000	1.023407	3.657000e-3
299	0.500000	1.023134	3.656000e-3
300	0.500000	1.041930	3.657000e-3
301	0.500000	1.027373	3.656000e-3
302	0.500000	1.061187	3.657000e-3
303	0.500000	1.033784	3.657000e-3
304	0.500000	1.034851	3.656000e-3
305	0.500000	1.065432	3.657000e-3
306	0.500000	1.055783	3.655000e-3
307	0.500000	1.066528	3.656000e-3
308	0.500000	1.042296	3.657000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
309	03:07:59	133.300000	9.750000	0.030000	10.440000	0.070000
310	03:13:49	133.301000	9.760000	0.040000	10.460000	0.040000
311	03:19:38	133.301000	9.750000	0.050000	10.590000	0.050000
312	03:25:28	133.302000	9.930000	0.090000	10.620000	0.070000
313	03:31:17	133.301000	9.820000	0.060000	10.460000	0.020000
314	03:37:07	133.301000	9.730000	0.060000	10.540000	0.060000
315	03:42:56	133.300000	9.840000	0.090000	10.570000	0.080000
316	03:48:45	133.300000	9.860000	0.050000	10.700000	0.050000
317	03:54:35	133.300000	10.010000	0.050000	10.520000	0.020000
318	04:00:23	133.300000	9.720000	0.080000	10.550000	0.080000
319	04:06:13	133.301000	9.970000	0.050000	10.560000	0.040000
320	04:12:02	133.301000	9.850000	0.030000	10.680000	0.040000
321	04:17:52	133.301000	10.130000	0.040000	10.580000	0.040000
322	04:23:42	133.301000	9.990000	0.100000	10.480000	0.020000
323	04:29:31	133.301000	10.030000	0.020000	10.510000	0.050000
324	04:35:21	133.301000	9.850000	0.090000	10.510000	0.050000
325	04:41:10	133.301000	9.670000	0.030000	10.570000	0.060000
326	04:47:00	133.300000	9.830000	0.030000	10.460000	0.090000
327	04:52:50	133.301000	9.750000	0.040000	10.580000	0.040000
328	04:58:40	133.301000	9.990000	0.030000	10.550000	0.090000
329	05:04:29	133.301000	9.900000	0.070000	10.350000	0.060000
330	05:10:18	133.301000	9.820000	0.060000	10.470000	0.080000
331	05:16:06	133.300000	9.640000	0.030000	10.550000	0.060000
332	05:21:54	133.301000	9.650000	0.060000	10.520000	0.040000
333	05:27:43	133.301000	9.810000	0.050000	10.590000	0.050000
334	05:33:31	133.301000	9.870000	0.010000	10.540000	0.060000
335	05:39:20	133.301000	9.690000	0.020000	10.510000	0.080000
336	05:45:08	133.301000	9.570000	0.060000	10.480000	0.030000
337	05:50:57	133.301000	9.620000	0.030000	10.520000	0.080000
338	05:56:45	133.302000	9.650000	0.020000	10.510000	0.040000
339	06:02:34	133.301000	9.790000	0.020000	10.610000	0.040000
340	06:08:22	133.301000	9.840000	0.090000	10.580000	0.030000
341	06:14:11	133.301000	10.090000	0.060000	10.440000	0.030000
342	06:19:59	133.300000	9.880000	0.030000	10.450000	0.080000
343	06:25:48	133.301000	9.730000	0.090000	10.410000	0.040000
344	06:31:36	133.301000	9.600000	0.040000	10.410000	0.010000
345	06:37:25	133.301000	9.650000	0.030000	10.460000	0.060000
346	06:43:13	133.301000	9.770000	0.010000	10.330000	0.020000
347	06:49:02	133.301000	9.820000	0.020000	10.420000	0.050000
348	06:54:50	133.301000	9.590000	0.060000	10.250000	0.060000
349	07:00:39	133.301000	9.590000	0.050000	10.510000	0.030000
350	07:06:27	133.301000	9.690000	0.050000	10.580000	0.050000
351	07:12:16	133.301000	9.670000	0.040000	10.490000	0.080000
352	07:18:04	133.301000	9.790000	0.040000	10.490000	0.070000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmby	MagSteel(near pole	2-HeidenhainR(um
309	22.501831	23.644957	22.600465	23.245423	23.247771	0.500000
310	22.500641	23.621795	22.577088	23.243652	23.248963	0.500000
311	22.390379	23.595398	22.559448	23.242889	23.238678	0.500000
312	22.411894	23.600952	22.546203	23.243560	23.234953	0.500000
313	22.428069	23.586488	22.538147	23.244873	23.224792	0.500000
314	22.474853	23.595550	22.533538	23.244539	23.220521	0.500000
315	22.464325	23.575683	22.529876	23.244110	23.214325	0.500000
316	22.482879	23.572784	22.526612	23.246886	23.211518	0.500000
317	22.421479	23.555999	22.520905	23.247955	23.202088	0.500000
318	22.399597	23.551453	22.506287	23.248292	23.192260	0.500000
319	22.484741	23.544890	22.504577	23.246887	23.189881	0.500000
320	22.430205	23.530212	22.497038	23.247591	23.180115	0.500000
321	22.451386	23.526764	22.482483	23.246703	23.174133	0.500000
322	22.425873	23.502075	22.465942	23.245606	23.165558	0.500000
323	22.344269	23.491943	22.447600	23.246612	23.154053	0.500000
324	22.492187	23.459473	22.422728	23.244935	23.136354	0.500000
325	22.449004	23.445312	22.398009	23.245576	23.120790	0.500000
326	22.471098	23.447786	22.408264	23.246979	23.111847	0.500000
327	22.508056	23.457337	22.434083	23.244538	23.111635	0.500000
328	22.431762	23.477783	22.415771	23.245329	23.107973	0.500000
329	22.423706	23.441010	22.405915	23.245056	23.096557	0.500000
330	22.465088	23.459473	22.430145	23.243194	23.094725	0.500000
331	22.382323	23.502991	22.477722	23.243470	23.106415	0.500000
332	22.438354	23.539550	22.501220	23.239777	23.120118	0.500000
333	22.389404	23.534789	22.490631	23.241608	23.121918	0.500000
334	22.474122	23.498351	22.455687	23.241272	23.116211	0.500000
335	22.425780	23.467774	22.433197	23.238984	23.106110	0.500000
336	22.404510	23.431549	22.410341	23.234314	23.092255	0.500000
337	22.375550	23.446533	22.399260	23.235840	23.092620	0.500000
338	22.498993	23.449006	22.420259	23.233827	23.088868	0.500000
339	22.333800	23.499481	22.467772	23.233122	23.101286	0.500000
340	22.420439	23.513794	22.485260	23.233611	23.106598	0.500000
341	22.462677	23.511415	22.460907	23.233948	23.108306	0.500000
342	22.496123	23.471343	22.421174	23.234953	23.098511	0.500000
343	22.439208	23.425415	22.383485	23.236695	23.085144	0.500000
344	22.406036	23.427644	22.390778	23.237031	23.077607	0.500000
345	22.404968	23.475585	22.431794	23.238799	23.084627	0.500000
346	22.414917	23.496278	22.450319	23.236573	23.091003	0.500000
347	22.473998	23.483887	22.450135	23.237215	23.093415	0.500000
348	22.446868	23.487487	22.441834	23.238615	23.091217	0.500000
349	22.384064	23.479492	22.457122	23.238036	23.091553	0.500000
350	22.385191	23.508362	22.476439	23.239503	23.102569	0.500000
351	22.459290	23.534302	22.481200	23.238220	23.111357	0.500000
352	22.473418	23.510590	22.481141	23.237700	23.112945	0.500000

	3-HeidenhainL(um)	14-coil-H2Oin(C)	ltage across termin
309	0.500000	1.044492	3.656000e-3
310	0.500000	1.044707	3.658000e-3
311	0.500000	1.035950	3.656000e-3
312	0.500000	1.054749	3.656000e-3
313	0.500000	1.048341	3.656000e-3
314	0.500000	1.062012	3.656000e-3
315	0.500000	1.045807	3.656000e-3
316	0.500000	1.046172	3.656000e-3
317	0.500000	1.035094	3.656000e-3
318	0.500000	1.045166	3.656000e-3
319	0.500000	1.040313	3.656000e-3
320	0.500000	1.033174	3.656000e-3
321	0.500000	1.044281	3.655000e-3
322	0.500000	1.036133	3.655000e-3
323	0.500000	1.044343	3.655000e-3
324	0.500000	1.036745	3.655000e-3
325	0.500000	1.047303	3.655000e-3
326	0.500000	1.039522	3.655000e-3
327	0.500000	1.023254	3.655000e-3
328	0.500000	1.062012	3.655000e-3
329	0.500000	1.035095	3.655000e-3
330	0.500000	1.029328	3.656000e-3
331	0.500000	1.025269	3.656000e-3
332	0.500000	1.038330	3.656000e-3
333	0.500000	1.044158	3.656000e-3
334	0.500000	1.042664	3.655000e-3
335	0.500000	1.034577	3.655000e-3
336	0.500000	1.021208	3.655000e-3
337	0.500000	1.047273	3.656000e-3
338	0.500000	1.028747	3.655000e-3
339	0.500000	1.031709	3.656000e-3
340	0.500000	1.028534	3.656000e-3
341	0.500000	1.050508	3.655000e-3
342	0.500000	1.050169	3.655000e-3
343	0.500000	1.041930	3.655000e-3
344	0.500000	1.036866	3.655000e-3
345	0.500000	1.043791	3.656000e-3
346	0.500000	1.045959	3.656000e-3
347	0.500000	1.033752	3.655000e-3
348	0.500000	1.045653	3.655000e-3
349	0.500000	1.022370	3.655000e-3
350	0.500000	1.031923	3.656000e-3
351	0.500000	1.053102	3.656000e-3
352	0.500000	1.029449	3.656000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
353	07:23:53	133.301000	9.760000	0.030000	10.540000	0.080000
354	07:29:42	133.301000	9.610000	0.050000	10.660000	0.080000
355	07:35:31	133.301000	9.720000	0.100000	10.510000	0.100000
356	07:41:19	133.301000	9.760000	0.060000	10.620000	0.050000
357	07:47:08	133.301000	9.870000	0.030000	10.750000	0.030000
358	07:52:57	133.301000	9.890000	0.030000	10.500000	0.030000
359	07:58:45	133.301000	9.800000	0.060000	10.450000	0.040000
360	08:04:34	133.302000	9.730000	0.060000	10.340000	0.030000
361	08:10:22	133.301000	9.670000	0.040000	10.600000	0.100000
362	08:16:10	133.301000	9.740000	0.020000	10.770000	0.060000
363	08:21:59	133.301000	9.840000	0.030000	10.690000	0.060000
364	08:27:48	133.301000	9.600000	0.070000	10.640000	0.060000
365	08:33:36	133.301000	9.610000	0.030000	10.800000	0.070000
366	08:39:25	133.301000	9.650000	0.030000	10.740000	0.060000
367	08:45:13	133.301000	9.700000	0.030000	10.640000	0.090000
368	08:51:03	133.301000	9.800000	0.070000	10.560000	0.050000
369	08:56:52	133.301000	9.910000	0.020000	10.560000	0.080000
370	09:02:42	133.301000	9.850000	0.020000	10.500000	0.040000
371	09:08:31	133.301000	9.880000	0.060000	10.500000	0.050000
372	09:14:21	133.301000	9.730000	0.020000	10.630000	0.040000
373	09:20:10	133.301000	9.760000	0.070000	10.370000	0.090000
374	09:25:59	133.300000	9.740000	0.060000	10.450000	0.060000
375	09:31:49	133.301000	9.880000	0.060000	10.400000	0.080000
376	09:37:39	133.301000	9.790000	0.060000	10.380000	0.030000
377	09:43:28	133.301000	9.750000	0.030000	10.310000	0.060000
378	09:49:18	133.301000	9.690000	0.040000	10.390000	0.100000
379	09:55:08	133.301000	9.850000	0.080000	10.410000	0.080000
380	10:00:58	133.301000	9.740000	0.030000	10.380000	0.030000
381	10:06:48	133.301000	9.820000	0.050000	10.410000	0.070000
382	10:12:38	133.301000	9.940000	0.090000	10.370000	0.030000
383	10:18:28	133.301000	9.890000	0.070000	10.350000	0.050000
384	10:24:18	133.300000	9.820000	0.040000	10.250000	0.040000
385	10:30:09	133.301000	9.730000	0.040000	10.330000	0.070000
386	10:35:58	133.301000	9.850000	0.050000	10.620000	0.100000
387	10:41:49	133.301000	9.910000	0.070000	10.480000	0.090000
388	10:47:39	133.302000	10.050000	0.060000	10.560000	0.060000
389	10:53:29	133.301000	9.880000	0.080000	10.600000	0.040000
390	10:59:19	133.301000	9.840000	0.040000	10.490000	0.070000
391	11:05:09	133.301000	9.740000	0.050000	10.540000	0.040000
392	11:10:59	133.301000	9.720000	0.030000	10.730000	0.030000
393	11:16:49	133.301000	9.880000	0.030000	10.730000	0.050000
394	11:22:39	133.301000	9.730000	0.020000	10.700000	0.030000
395	11:28:29	133.301000	9.810000	0.050000	10.650000	0.090000
396	11:34:20	133.302000	9.740000	0.050000	10.760000	0.040000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
353	22.447876	23.517120	22.471098	23.238283	23.114228	0.500000
354	22.458527	23.492737	22.444153	23.236663	23.107757	0.500000
355	22.427856	23.489533	22.461333	23.241820	23.108887	0.500000
356	22.506623	23.527710	22.489440	23.240661	23.119750	0.500000
357	22.514343	23.520598	22.490173	23.241119	23.121858	0.500000
358	22.466034	23.550720	22.479400	23.243103	23.126006	0.500000
359	22.444794	23.541502	22.483215	23.242736	23.127990	0.500000
360	22.433135	23.550599	22.521394	23.242735	23.133240	0.500000
361	22.467772	23.582305	22.542725	23.242097	23.149751	0.500000
362	22.506194	23.563323	22.520020	23.242461	23.150665	0.500000
363	22.427704	23.522918	22.490020	23.241608	23.146668	0.500000
364	22.478394	23.499481	22.462737	23.239046	23.137117	0.500000
365	22.493591	23.483092	22.440674	23.242218	23.129089	0.500000
366	22.468566	23.467927	22.428406	23.241945	23.119417	0.500000
367	22.394745	23.489686	22.454467	23.241821	23.118164	0.500000
368	22.332184	23.525452	22.506408	23.243866	23.128784	0.500000
369	22.432281	23.564515	22.529114	23.242888	23.141206	0.500000
370	22.402434	23.580107	22.515991	23.244109	23.149171	0.500000
371	22.437195	23.548890	22.485899	23.243499	23.144470	0.500000
372	22.430939	23.508943	22.464203	23.243682	23.136413	0.500000
373	22.444548	23.480042	22.450225	23.241945	23.126495	0.500000
374	22.414734	23.454101	22.439758	23.240448	23.121827	0.500000
375	22.412292	23.479735	22.439087	23.239685	23.116699	0.500000
376	22.413451	23.484191	22.428526	23.240479	23.109680	0.500000
377	22.412903	23.450744	22.417144	23.239104	23.099944	0.500000
378	22.355315	23.469270	22.430481	23.238036	23.100923	0.500000
379	22.395477	23.518188	22.480684	23.238739	23.111573	0.500000
380	22.490324	23.580412	22.530639	23.239289	23.130403	0.500000
381	22.425141	23.595428	22.553711	23.238220	23.142211	0.500000
382	22.410216	23.606325	22.553895	23.237610	23.156342	0.500000
383	22.511048	23.578644	22.556061	23.238830	23.159668	0.500000
384	22.513337	23.624909	22.568176	23.239167	23.174470	0.500000
385	22.466492	23.608429	22.581604	23.239562	23.181579	0.500000
386	22.489135	23.600402	22.597534	23.240447	23.192933	0.500000
387	22.545166	23.660646	22.620056	23.243683	23.207612	0.500000
388	22.474792	23.687224	22.637939	23.247102	23.225159	0.500000
389	22.486572	23.675415	22.654846	23.248323	23.237214	0.500000
390	22.447724	23.683898	22.673920	23.249695	23.252442	0.500000
391	22.520020	23.718810	22.693145	23.251892	23.265442	0.500000
392	22.516510	23.751921	22.728791	23.251252	23.287720	0.500000
393	22.488708	23.775878	22.760225	23.252411	23.310425	0.500000
394	22.511506	23.797913	22.790770	23.253204	23.331451	0.500000
395	22.484161	23.822815	22.819703	23.255188	23.358155	0.500000
396	22.470183	23.868622	22.842621	23.258025	23.382538	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
353	0.500000	1.046022	3.656000e-3
354	0.500000	1.048584	3.655000e-3
355	0.500000	1.028200	3.655000e-3
356	0.500000	1.038270	3.655000e-3
357	0.500000	1.030425	3.656000e-3
358	0.500000	1.071320	3.656000e-3
359	0.500000	1.058287	3.656000e-3
360	0.500000	1.029205	3.656000e-3
361	0.500000	1.039580	3.657000e-3
362	0.500000	1.043303	3.656000e-3
363	0.500000	1.032898	3.656000e-3
364	0.500000	1.036744	3.655000e-3
365	0.500000	1.042418	3.655000e-3
366	0.500000	1.039521	3.655000e-3
367	0.500000	1.035219	3.655000e-3
368	0.500000	1.019044	3.656000e-3
369	0.500000	1.035401	3.656000e-3
370	0.500000	1.064116	3.656000e-3
371	0.500000	1.062991	3.656000e-3
372	0.500000	1.044740	3.655000e-3
373	0.500000	1.029817	3.656000e-3
374	0.500000	1.014343	3.655000e-3
375	0.500000	1.040648	3.655000e-3
376	0.500000	1.055665	3.655000e-3
377	0.500000	1.033600	3.655000e-3
378	0.500000	1.038789	3.656000e-3
379	0.500000	1.037504	3.656000e-3
380	0.500000	1.049773	3.656000e-3
381	0.500000	1.041717	3.657000e-3
382	0.500000	1.052430	3.657000e-3
383	0.500000	1.022583	3.656000e-3
384	0.500000	1.056733	3.656000e-3
385	0.500000	1.026825	3.657000e-3
386	0.500000	1.002868	3.657000e-3
387	0.500000	1.040590	3.658000e-3
388	0.500000	1.049285	3.658000e-3
389	0.500000	1.020569	3.658000e-3
390	0.500000	1.009978	3.658000e-3
391	0.500000	1.025665	3.658000e-3
392	0.500000	1.023130	3.659000e-3
393	0.500000	1.015653	3.659000e-3
394	0.500000	1.007143	3.659000e-3
395	0.000000	1.003112	3.659000e-3
396	0.000000	1.026001	3.659000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
397	11:40:10	133.301000	9.680000	0.030000	11.000000	0.090000
398	11:46:01	133.301000	9.850000	0.030000	11.030000	0.060000
399	11:51:51	133.301000	10.000000	0.100000	10.920000	0.130000
400	11:57:42	133.301000	9.810000	0.050000	10.880000	0.070000
401	12:03:32	133.301000	9.650000	0.050000	10.970000	0.030000
402	12:09:23	133.301000	9.770000	0.030000	11.000000	0.080000
403	12:15:13	133.301000	9.610000	0.040000	10.890000	0.080000
404	12:21:03	133.301000	9.620000	0.040000	10.960000	0.030000
405	12:26:54	133.302000	9.660000	0.060000	10.760000	0.080000
406	12:32:44	133.301000	9.770000	0.040000	10.780000	0.040000
407	12:38:35	133.301000	9.720000	0.050000	10.700000	0.050000
408	12:44:25	133.301000	9.610000	0.030000	10.580000	0.060000
409	12:50:14	133.302000	9.690000	0.040000	10.640000	0.080000
410	12:56:03	133.301000	9.710000	0.080000	10.600000	0.070000
411	13:01:52	133.302000	9.680000	0.040000	10.660000	0.040000
412	13:07:41	133.302000	9.630000	0.030000	10.680000	0.020000
413	13:13:29	133.302000	9.770000	0.050000	10.620000	0.040000
414	13:19:18	133.302000	9.660000	0.030000	10.700000	0.060000
415	13:25:08	133.302000	9.730000	0.020000	10.700000	0.060000
416	13:30:57	133.302000	9.720000	0.100000	10.740000	0.110000
417	13:36:45	133.302000	9.760000	0.070000	10.640000	0.040000
418	13:42:34	133.301000	9.800000	0.020000	10.570000	0.020000
419	13:48:23	133.302000	10.030000	0.040000	10.600000	0.070000
420	13:54:12	133.302000	9.970000	0.050000	10.440000	0.090000
421	14:00:02	133.301000	9.820000	0.030000	10.430000	0.040000
422	14:05:51	133.301000	9.760000	0.020000	10.560000	0.040000
423	14:11:40	133.302000	9.910000	0.030000	10.590000	0.030000
424	14:17:30	133.301000	9.840000	0.090000	10.530000	0.090000
425	14:23:19	133.302000	10.050000	0.080000	10.210000	0.060000
426	14:29:08	133.301000	9.850000	0.080000	10.100000	0.030000
427	14:34:58	133.301000	9.760000	0.030000	10.160000	0.090000
428	14:40:46	133.302000	9.710000	0.080000	10.290000	0.060000
429	14:46:36	133.301000	9.850000	0.050000	10.340000	0.050000
430	14:52:25	133.301000	9.980000	0.030000	10.200000	0.010000
431	14:58:14	133.302000	9.900000	0.050000	10.270000	0.040000
432	15:04:03	133.301000	9.740000	0.030000	10.350000	0.090000
433	15:09:52	133.302000	9.760000	0.030000	10.480000	0.060000
434	15:15:41	133.301000	9.610000	0.040000	10.510000	0.060000
435	15:21:30	133.301000	9.690000	0.050000	10.470000	0.080000
436	15:27:20	133.301000	9.680000	0.100000	10.330000	0.070000
437	15:33:08	133.302000	9.690000	0.030000	10.300000	0.050000
438	15:38:57	133.302000	9.600000	0.030000	10.420000	0.040000
439	15:44:47	133.301000	9.540000	0.050000	10.540000	0.090000
440	15:50:35	133.301000	9.620000	0.030000	10.650000	0.070000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
397	22.522888	23.878174	22.845978	23.257447	23.403564	0.500000
398	22.513885	23.851257	22.823608	23.257783	23.410217	0.500000
399	22.490813	23.831634	22.803435	23.258882	23.414154	0.500000
400	22.479858	23.843751	22.808775	23.260987	23.418611	0.500000
401	22.562866	23.847290	22.824127	23.262420	23.431000	0.500000
402	22.549042	23.868134	22.844665	23.263031	23.444886	0.500000
403	22.501342	23.881683	22.846038	23.265076	23.456207	0.500000
404	22.486877	23.852876	22.804413	23.269500	23.452026	0.500000
405	22.614655	23.736542	22.708373	23.269774	23.421540	0.500000
406	22.488799	23.625398	22.585845	23.270448	23.382385	0.500000
407	22.550263	23.538513	22.503783	23.273131	23.332886	0.500000
408	22.522308	23.524139	22.492981	23.274993	23.301422	0.500000
409	22.506957	23.586031	22.540588	23.277374	23.292114	0.500000
410	22.481048	23.665834	22.634491	23.279144	23.301117	0.500000
411	22.537474	23.778777	22.747376	23.280855	23.328643	0.500000
412	22.548034	23.860747	22.863832	23.282227	23.367706	0.500000
413	22.574493	23.928954	22.919554	23.286316	23.404573	0.500000
414	22.540771	23.926055	22.887331	23.288512	23.427307	0.500000
415	22.603118	23.805848	22.784546	23.290649	23.410402	0.500000
416	22.624726	23.729890	22.683105	23.295961	23.387877	0.500000
417	22.586944	23.681945	22.642456	23.298982	23.368468	0.500000
418	22.553925	23.669251	22.663421	23.302979	23.356507	0.500000
419	22.587065	23.712707	22.698885	23.305755	23.356934	0.500000
420	22.638154	23.794312	22.752013	23.314392	23.373107	0.500000
421	22.715759	23.852966	22.826996	23.321045	23.396240	0.500000
422	22.703216	23.893891	22.861571	23.330473	23.418121	0.500000
423	22.660675	23.868652	22.811920	23.336639	23.421205	0.500000
424	22.672851	23.748443	22.710571	23.339812	23.398101	0.500000
425	22.611451	23.695647	22.633606	23.339782	23.374817	0.500000
426	22.555663	23.674254	22.617888	23.339081	23.356108	0.500000
427	22.505278	23.705965	22.639802	23.337187	23.351074	0.500000
428	22.623260	23.709290	22.652649	23.335755	23.347321	0.500000
429	22.576110	23.768188	22.702942	23.335051	23.355376	0.500000
430	22.503204	23.809142	22.774415	23.333619	23.370605	0.500000
431	22.472777	23.847077	22.803436	23.335999	23.388947	0.500000
432	22.566802	23.820738	22.769838	23.336456	23.397155	0.500000
433	22.497406	23.750701	22.684874	23.335051	23.380737	0.500000
434	22.551422	23.666534	22.623658	23.334198	23.353944	0.500000
435	22.569336	23.679383	22.612915	23.333099	23.341432	0.500000
436	22.544617	23.691040	22.654328	23.333192	23.339476	0.500000
437	22.518920	23.741087	22.715729	23.333741	23.351409	0.500000
438	22.498993	23.817658	22.773011	23.333191	23.367493	0.500000
439	22.559571	23.860015	22.800935	23.334289	23.390992	0.500000
440	22.623810	23.808319	22.760590	23.335204	23.390381	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)	ltage across termin
397	0.000000	1.032196	3.660000e-3
398	0.000000	1.027649	3.659000e-3
399	0.000000	1.028199	3.659000e-3
400	0.000000	1.034976	3.659000e-3
401	0.000000	1.023163	3.659000e-3
402	0.000000	1.023469	3.660000e-3
403	0.000000	1.035645	3.660000e-3
404	0.000000	1.048463	3.659000e-3
405	0.000000	1.028169	3.658000e-3
406	0.000000	1.039553	3.657000e-3
407	0.000000	1.034730	3.656000e-3
408	0.000000	1.031158	3.656000e-3
409	0.000000	1.045443	3.656000e-3
410	0.500000	1.031343	3.658000e-3
411	0.500000	1.031401	3.658000e-3
412	0.500000	0.996915	3.660000e-3
413	0.000000	1.009400	3.660000e-3
414	0.000000	1.038724	3.660000e-3
415	0.000000	1.021302	3.659000e-3
416	0.000000	1.046785	3.658000e-3
417	0.000000	1.039489	3.657000e-3
418	0.000000	1.005830	3.658000e-3
419	0.000000	1.013822	3.658000e-3
420	0.000000	1.042299	3.658000e-3
421	0.000000	1.025970	3.660000e-3
422	0.000000	1.032320	3.659000e-3
423	0.000000	1.056732	3.659000e-3
424	0.000000	1.037872	3.658000e-3
425	0.000000	1.062041	3.658000e-3
426	0.000000	1.056366	3.658000e-3
427	0.500000	1.066163	3.658000e-3
428	0.500000	1.056641	3.658000e-3
429	0.500000	1.065246	3.659000e-3
430	0.500000	1.034727	3.659000e-3
431	0.500000	1.043641	3.659000e-3
432	0.000000	1.050900	3.659000e-3
433	0.000000	1.065827	3.658000e-3
434	0.000000	1.042876	3.658000e-3
435	0.500000	1.066468	3.658000e-3
436	0.500000	1.036712	3.659000e-3
437	0.500000	1.025358	3.658000e-3
438	0.500000	1.044647	3.659000e-3
439	0.500000	1.059080	3.659000e-3
440	0.000000	1.047729	3.659000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
441	15:56:24	133.301000	9.720000	0.070000	10.500000	0.040000
442	16:02:13	133.302000	9.780000	0.060000	10.390000	0.080000
443	16:08:02	133.301000	9.540000	0.040000	10.400000	0.080000
444	16:13:51	133.302000	9.460000	0.030000	10.430000	0.020000
445	16:19:41	133.303000	9.570000	0.050000	10.550000	0.060000
446	16:25:30	133.301000	9.560000	0.040000	10.400000	0.050000
447	16:31:19	133.301000	9.600000	0.060000	10.480000	0.020000
448	16:37:09	133.302000	9.660000	0.080000	10.440000	0.080000
449	16:42:58	133.302000	9.450000	0.040000	10.540000	0.070000
450	16:48:47	133.301000	9.500000	0.060000	10.580000	0.100000
451	16:54:37	133.301000	9.640000	0.050000	10.590000	0.040000
452	17:00:25	133.301000	9.570000	0.040000	10.490000	0.010000
453	17:06:14	133.302000	9.610000	0.030000	10.570000	0.030000
454	17:12:04	133.302000	9.540000	0.060000	10.440000	0.060000
455	17:17:53	133.301000	9.590000	0.040000	10.370000	0.040000
456	17:23:42	133.302000	9.510000	0.020000	10.520000	0.060000
457	17:29:31	133.301000	9.460000	0.050000	10.650000	0.070000
458	17:35:21	133.301000	9.440000	0.040000	10.560000	0.040000
459	17:41:10	133.301000	9.460000	0.060000	10.680000	0.070000
460	17:47:00	133.301000	9.350000	0.070000	10.460000	0.040000
461	17:52:49	133.301000	9.420000	0.040000	10.630000	0.170000
462	17:58:38	133.301000	9.590000	0.030000	10.490000	0.080000
463	18:04:28	133.302000	9.580000	0.040000	10.380000	0.060000
464	18:10:17	133.302000	9.590000	0.050000	10.460000	0.030000
465	18:16:06	133.302000	9.490000	0.040000	10.330000	0.020000
466	18:21:55	133.302000	9.500000	0.060000	10.330000	0.090000
467	18:27:44	133.302000	9.510000	0.070000	10.350000	0.050000
468	18:33:33	133.302000	9.890000	0.010000	10.420000	0.070000
469	18:39:23	133.302000	9.800000	0.100000	10.340000	0.020000
470	18:45:12	133.302000	9.710000	0.010000	10.190000	0.050000
471	18:51:01	133.302000	9.660000	0.050000	10.400000	0.050000
472	18:56:51	133.302000	9.520000	0.040000	10.380000	0.070000
473	19:02:41	133.302000	9.630000	0.050000	10.420000	0.070000
474	19:08:30	133.302000	9.590000	0.070000	10.300000	0.080000
475	19:14:19	133.302000	9.550000	0.040000	10.270000	0.020000
476	19:20:09	133.302000	9.530000	0.080000	10.250000	0.060000
477	19:25:58	133.302000	9.500000	0.060000	10.270000	0.080000
478	19:31:48	133.301000	9.690000	0.020000	10.130000	0.060000
479	19:37:38	133.302000	9.730000	0.060000	10.210000	0.040000
480	19:43:27	133.302000	9.740000	0.050000	10.210000	0.060000
481	19:49:17	133.301000	9.600000	0.060000	10.050000	0.070000
482	19:55:06	133.302000	9.570000	0.020000	10.020000	0.100000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly	MagSteel(near pole	2-HeidenhainR(um
441	22.565002	23.730621	22.678833	23.335876	23.373292	0.500000
442	22.513580	23.662750	22.626128	23.335450	23.348357	0.500000
443	22.579131	23.644714	22.627594	23.334929	23.335877	0.500000
444	22.483062	23.704254	22.656707	23.334320	23.339018	0.500000
445	22.504181	23.749604	22.704467	23.335329	23.347383	0.500000
446	22.515015	23.787506	22.762726	23.337129	23.359619	0.500000
447	22.499420	23.840148	22.804535	23.335999	23.384309	0.500000
448	22.527954	23.813965	22.777679	23.335939	23.392702	0.500000
449	22.590270	23.735899	22.691925	23.335083	23.374571	0.500000
450	22.500336	23.664430	22.612731	23.334777	23.347595	0.500000
451	22.531647	23.630097	22.591920	23.334076	23.325410	0.500000
452	22.555632	23.641479	22.597535	23.334625	23.316131	0.500000
453	22.559113	23.683929	22.626405	23.333161	23.317322	0.500000
454	22.480926	23.703492	22.668762	23.332762	23.321259	0.500000
455	22.475860	23.753876	22.714539	23.332489	23.330446	0.500000
456	22.531769	23.799012	22.776825	23.331085	23.355928	0.500000
457	22.522492	23.856263	22.803466	23.329530	23.379607	0.500000
458	22.493987	23.820069	22.761627	23.328767	23.383880	0.500000
459	22.496275	23.722687	22.657929	23.326996	23.364137	0.500000
460	22.438323	23.589172	22.552154	23.325531	23.324737	0.500000
461	22.510712	23.558287	22.503906	23.323303	23.289763	0.500000
462	22.483642	23.564515	22.508209	23.324707	23.272706	0.500000
463	22.468261	23.554015	22.531708	23.325165	23.259521	0.500000
464	22.490601	23.613128	22.566193	23.320770	23.259582	0.500000
465	22.458221	23.642821	22.603545	23.319183	23.263366	0.500000
466	22.511534	23.669922	22.634520	23.316833	23.270721	0.500000
467	22.519745	23.726228	22.667451	23.315002	23.288300	0.500000
468	22.446105	23.735567	22.691713	23.313384	23.295409	0.500000
469	22.393097	23.729585	22.647858	23.311859	23.302613	0.500000
470	22.483124	23.603699	22.540222	23.312745	23.272584	0.500000
471	22.500548	23.506196	22.437134	23.309388	23.233734	0.500000
472	22.484040	23.450407	22.384460	23.306031	23.197112	0.500000
473	22.498016	23.420959	22.376678	23.304139	23.170350	0.500000
474	22.479431	23.436858	22.382172	23.302428	23.149324	0.500000
475	22.448089	23.481904	22.420411	23.298919	23.143952	0.500000
476	22.452178	23.531189	22.495087	23.298035	23.151277	0.500000
477	22.447724	23.609039	22.570313	23.301329	23.174501	0.500000
478	22.506318	23.663726	22.623840	23.301606	23.193665	0.500000
479	22.552368	23.686462	22.654023	23.297545	23.211608	0.500000
480	22.483093	23.707611	22.630798	23.296967	23.226715	0.500000
481	22.491607	23.583742	22.516021	23.296723	23.206238	0.500000
482	22.475128	23.428650	22.342345	23.295351	23.160521	0.500000

	3-HeidenhainL(um)	14-coil-H2Oin(C)	ltage across termin
441	0.000000	1.051788	3.658000e-3
442	0.000000	1.036622	3.658000e-3
443	0.000000	1.017120	3.658000e-3
444	0.500000	1.047547	3.658000e-3
445	0.500000	1.045137	3.659000e-3
446	0.500000	1.024780	3.659000e-3
447	0.500000	1.035613	3.660000e-3
448	0.000000	1.036286	3.659000e-3
449	0.000000	1.043974	3.658000e-3
450	0.000000	1.051699	3.657000e-3
451	0.000000	1.038177	3.657000e-3
452	0.500000	1.043944	3.657000e-3
453	0.500000	1.057524	3.658000e-3
454	0.500000	1.034730	3.658000e-3
455	0.500000	1.039337	3.659000e-3
456	0.500000	1.022187	3.659000e-3
457	0.500000	1.052797	3.659000e-3
458	0.500000	1.058442	3.659000e-3
459	0.000000	1.064758	3.658000e-3
460	0.000000	1.037018	3.657000e-3
461	0.500000	1.054381	3.656000e-3
462	0.500000	1.056306	3.657000e-3
463	0.500000	1.022307	3.656000e-3
464	0.500000	1.046935	3.658000e-3
465	0.500000	1.039276	3.658000e-3
466	0.500000	1.035402	3.658000e-3
467	0.500000	1.058777	3.659000e-3
468	0.500000	1.043854	3.658000e-3
469	0.500000	1.081727	3.658000e-3
470	0.500000	1.063477	3.657000e-3
471	0.500000	1.069062	3.656000e-3
472	0.500000	1.065947	3.656000e-3
473	0.500000	1.044281	3.656000e-3
474	0.500000	1.054686	3.655000e-3
475	0.500000	1.061493	3.656000e-3
476	0.500000	1.036102	3.657000e-3
477	0.500000	1.038726	3.658000e-3
478	0.500000	1.039886	3.658000e-3
479	0.500000	1.032439	3.658000e-3
480	0.500000	1.076813	3.658000e-3
481	0.500000	1.067721	3.656000e-3
482	0.500000	1.086305	3.655000e-3