	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
1	12:06:35	133.293000	9.580000	0.060000	9.090000	0.060000
2	12:12:24	133.293000	9.520000	0.060000	9.010000	0.030000
3	12:18:13	133.294000	9.430000	0.080000	9.020000	0.060000
4	12:24:02	133.294000	9.380000	0.030000	9.070000	0.050000
5						
6	12:31:33	106.594000	9.610000	0.070000	8.750000	0.070000
7	12:37:27	111.941000	9.580000	0.050000	8.770000	0.050000
8	12:43:19	117.234000	9.690000	0.030000	8.690000	0.020000
9	12:49:12	122.491000	9.600000	0.040000	8.880000	0.030000
10	12:55:04	127.891000	9.500000	0.060000	9.010000	0.090000
11	13:00:55	133.294000	9.270000	0.070000	9.450000	0.080000
12	13:06:43	133.295000	9.290000	0.040000	9.560000	0.060000
13	13:12:32	133.295000	9.650000	0.040000	9.370000	0.050000
14	13:18:20	133.295000	9.490000	0.060000	9.440000	0.060000
15	13:24:08	133.295000	9.530000	0.020000	9.280000	0.040000
16	13:29:57	133.295000	9.430000	0.020000	9.360000	0.060000
17	13:35:46	133.295000	9.420000	0.080000	9.420000	0.070000
18	13:41:34	133.295000	9.510000	0.040000	9.550000	0.020000
19						
20	13:49:04	106.595000	9.690000	0.030000	9.130000	0.030000
21	13:54:57	111.942000	9.750000	0.100000	8.870000	0.080000
22	14:00:49	117.235000	9.660000	0.080000	8.810000	0.040000
23	14:06:41	122.491000	9.570000	0.050000	8.880000	0.070000
24	14:12:33	127.892000	9.580000	0.060000	9.090000	0.050000
25	14:18:24	133.295000	9.570000	0.050000	9.280000	0.040000
26	14:24:13	133.296000	9.560000	0.030000	9.210000	0.040000
27	14:30:01	133.295000	9.480000	0.030000	9.070000	0.060000
28	14:35:49	133.296000	9.280000	0.050000	9.250000	0.050000
29	14:41:37	133.296000	9.290000	0.030000	9.300000	0.040000
30	14:47:26	133.295000	9.420000	0.050000	9.510000	0.050000
31	14:53:15	133.296000	9.530000	0.050000	9.130000	0.120000
32	14:59:04	133.296000	9.470000	0.030000	9.110000	0.080000
33						
34	15:06:35	106.594000	9.670000	0.080000	8.710000	0.080000
35	15:12:28	111.942000	9.650000	0.060000	8.600000	0.010000
36	15:18:20	117.236000	10.070000	0.070000	8.390000	0.040000
37	15:24:12	122.491000	10.150000	0.070000	8.330000	0.040000
38	15:30:04	127.892000	9.750000	0.030000	8.500000	0.060000
39	15:35:57	133.296000	9.480000	0.020000	8.660000	0.020000
40	15:41:46	133.296000	9.360000	0.070000	8.880000	0.030000
41	15:47:34	133.295000	9.370000	0.010000	8.840000	0.040000
42	15:53:22	133.296000	9.590000	0.020000	8.620000	0.050000
43	15:59:10	133.295000	9.410000	0.070000	8.780000	0.050000
44	16:04:58	133.296000	9.360000	0.080000	8.860000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly(	MagSteel(near pole	2-HeidenhainR(um
1	24.368653	24.975585	23.521181	25.162353	23.897368	0.500000
2	24.416656	25.133453	23.628051	25.173797	23.993836	0.000000
3	24.480254	25.196380	23.689117	25.184846	24.073945	0.000000
4	24.555175	25.205293	23.688292	25.198028	24.135926	0.000000
5	24.586730	25.019288	23.675476	25.200654	24.120240	0.000000
6	24.631347	24.570709	23.600953	25.213317	24.058412	0.000000
7	24.643311	24.632019	23.585022	25.227875	24.071961	0.000000
8	24.671783	24.772429	23.621095	25.243714	24.105224	0.000000
9	24.715881	24.963989	23.700471	25.260345	24.161988	0.000000
10	24.801604	25.179626	23.804291	25.277800	24.235656	0.000000
11	24.763274	25.395233	23.883850	25.293762	24.322447	0.000000
12	24.798462	25.403990	23.881316	25.312439	24.371644	0.000000
13	24.842834	25.340332	23.810851	25.330414	24.395599	0.000000
14	24.902191	25.265593	23.746306	25.348268	24.400940	0.000000
15	24.842560	25.232911	23.718841	25.367095	24.405122	0.000000
16	24.923768	25.284029	23.779328	25.386780	24.424896	0.000000
17	24.965362	25.384583	23.878693	25.406372	24.463133	0.000000
18	25.021424	25.485198	23.976808	25.427795	24.511476	0.000000
19	24.951598	25.325439	23.989075	25.431672	24.496490	0.000000
20	25.032958	24.954896	23.992706	25.452028	24.441224	0.000000
21	24.994354	25.007445	23.944488	25.472351	24.449067	0.000000
22	25.016846	25.035491	23.863983	25.491394	24.448394	0.000000
23	25.019011	25.097870	23.827300	25.510010	24.452362	0.000000
24	25.068480	25.237395	23.860994	25.529112	24.476990	0.000000
25	25.071501	25.433044	23.946166	25.550323	24.526214	0.000000
26	25.108489	25.539735	24.047547	25.570741	24.573791	0.000000
27	25.154998	25.622039	24.112764	25.590515	24.623840	0.000000
28	25.182495	25.639802	24.120635	25.611542	24.658997	0.000000
29	25.226562	25.594635	24.076629	25.632263	24.676330	0.000000
30	25.243346	25.327423	23.957977	25.653472	24.648680	0.000000
31	25.244231	24.977080	23.864409	25.673309	24.561921	0.000000
32	25.285859	24.961792	23.872437	25.693574	24.535858	0.000000
33	25.233702	24.827148	23.885713	25.697815	24.512115	0.000000
34	25.265259	24.652343	23.971009	25.713685	24.458282	0.000000
35	25.223999	24.819000	24.055724	25.730986	24.478455	0.000000
36	25.285277	24.916902	24.061799	25.750459	24.497345	0.000000
37	25.281462	24.924225	23.995851	25.760560	24.498991	0.000000
38	25.162291	24.955048	23.919983	25.769927	24.504579	0.000000
39	25.146269	24.878021	23.761565	25.776582	24.475922	0.000000
40	25.130188	24.757629	23.645447	25.781830	24.428679	0.000000
41	25.115082	24.706511	23.605072	25.787963	24.390106	0.000000
42	25.137419	24.728210	23.633148	25.788911	24.369628	0.000000
43	25.031127	24.805513	23.706297	25.790253	24.371154	0.000000
44	25.125794	24.857146	23.749328	25.792175	24.378937	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
1	0.000000	1.454404	3.656000e-3
2	0.000000	1.505402	3.658000e-3
3	0.000000	1.507263	3.659000e-3
4	0.000000	1.517001	3.659000e-3
5	0.000000	1.343812	2.192000e-3
6	0.000000	0.969756	2.919000e-3
7	0.000000	1.046997	3.066000e-3
8	0.000000	1.151334	3.213000e-3
9	-0.500000	1.263518	3.359000e-3
10	-0.500000	1.375335	3.509000e-3
11	-0.500000	1.511383	3.661000e-3
12	-0.500000	1.522674	3.660000e-3
13	-0.500000	1.529481	3.659000e-3
14	-0.500000	1.519287	3.659000e-3
15	-0.500000	1.514070	3.659000e-3
16	-0.500000	1.504701	3.660000e-3
17	-0.500000	1.505890	3.661000e-3
18	-0.500000	1.508390	3.661000e-3
19	-0.500000	1.336364	2.193000e-3
20	-0.500000	0.962190	2.922000e-3
21	-0.500000	1.062957	3.069000e-3
22	-0.500000	1.171508	3.215000e-3
23	-0.500000	1.270570	3.360000e-3
24	-0.500000	1.376401	3.510000e-3
25	-0.500000	1.486878	3.661000e-3
26	-0.500000	1.492188	3.662000e-3
27	-0.500000	1.509275	3.663000e-3
28	-1.000000	1.519167	3.662000e-3
29	-1.000000	1.518006	3.662000e-3
30	-1.000000	1.369446	3.661000e-3
31	-1.000000	1.112671	3.661000e-3
32	-1.000000	1.089355	3.661000e-3
33	-0.500000	0.941435	2.193000e-3
34	-0.500000	0.681334	2.922000e-3
35	-0.500000	0.763276	3.071000e-3
36	-0.500000	0.855103	3.217000e-3
37	-0.500000	0.928374	3.362000e-3
38	-0.500000	1.035065	3.511000e-3
39	-0.500000	1.116456	3.660000e-3
40	-0.500000	1.112182	3.659000e-3
41	-0.500000	1.101439	3.659000e-3
42	-0.500000	1.095062	3.659000e-3
43	-0.500000	1.099216	3.660000e-3
44	-0.500000	1.107818	3.661000e-3

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
45	16:10:47	133.296000	9.360000	0.030000	8.860000	0.090000
46	16:16:34	133.296000	9.460000	0.010000	8.750000	0.040000
47						
48	16:24:04	106.594000	9.960000	0.070000	8.450000	0.020000
49	16:29:58	111.942000	9.870000	0.040000	8.230000	0.030000
50	16:35:50	117.236000	9.740000	0.030000	8.380000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly(	MagSteel(near pole	2-HeidenhainR(um
45	25.048980	24.846129	23.730011	25.790374	24.375367	0.000000
46	25.052123	24.781219	23.660980	25.789184	24.356169	0.000000
47	25.107665	24.611085	23.633791	25.786864	24.324951	0.000000
48	24.987914	24.191679	23.477326	25.782197	24.208131	0.000000
49	24.994416	24.158967	23.388215	25.778320	24.146239	0.000000
50	25.036499	24.222870	23.378264	25.771789	24.110017	0.000000

	3-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
45	-0.500000	1.116118	3.661000e-3
46	-0.500000	1.120239	3.660000e-3
47	-0.500000	0.977294	2.192000e-3
48	-0.500000	0.714353	2.918000e-3
49	0.000000	0.770752	3.065000e-3
50	0.000000	0.844606	3.212000e-3