	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
1	11:38:35	39.990000	1.090000	0.040000	-3.840000	0.030000
2	11:44:23	39.990000	1.130000	0.060000	-3.630000	0.060000
3	11:50:12	39.990000	1.180000	0.030000	-3.670000	0.040000
4	11:56:02	39.991000	1.280000	0.030000	-3.500000	0.030000
5	12:01:50	39.990000	1.160000	0.040000	-3.560000	0.060000
6	12:07:38	39.990000	1.240000	0.030000	-3.650000	0.020000
7	12:13:27	39.990000	1.230000	0.040000	-3.600000	0.050000
8	12:19:15	39.990000	1.200000	0.040000	-3.590000	0.080000
9	12:25:02	39.989000	1.230000	0.010000	-3.650000	0.040000
10	12:30:50	39.989000	1.280000	0.050000	-3.750000	0.050000
11	12:36:39	38.064000	0.610000	0.030000	-3.470000	0.060000
12	12:42:27	36.527000	0.130000	0.070000	-3.210000	0.060000
13	12:48:15	34.986000	-0.200000	0.040000	-3.280000	0.050000
14	12:54:04	32.515000	-0.740000	0.050000	-3.250000	0.020000
15	12:59:51	31.992000	-0.910000	0.040000	-3.500000	0.050000
16						
17	13:06:31	39.989000	1.400000	0.070000	-3.490000	0.130000
18	13:12:19	39.990000	1.150000	0.040000	-3.350000	0.070000
19	13:18:06	39.989000	1.290000	0.040000	-3.470000	0.040000
20	13:23:54	39.990000	1.280000	0.030000	-3.440000	0.040000
21	13:29:41	39.989000	1.240000	0.020000	-3.460000	0.010000
22	13:35:29	39.989000	1.140000	0.060000	-3.500000	0.050000
23	13:41:16	39.989000	1.230000	0.050000	-3.610000	0.060000
24	13:47:03	39.990000	1.270000	0.010000	-3.550000	0.020000
25	13:52:50	39.990000	1.140000	0.020000	-3.330000	0.050000
26	13:58:37	39.989000	1.270000	0.070000	-3.480000	0.080000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly(	MagSteel(near pole	2-HeidenhainR(um
1	24.447236	24.197236	23.775971	25.268006	24.243134	0.000000
2	24.366791	23.874785	23.752990	25.267333	24.148895	0.000000
3	24.320158	23.886352	23.778319	25.263184	24.113707	0.000000
4	24.403228	23.945251	23.837006	25.264709	24.100678	0.500000
5	24.336578	24.005065	23.892060	25.259766	24.099243	0.500000
6	24.328734	23.997313	23.879485	25.248414	24.089050	0.500000
7	24.327545	23.948761	23.829865	25.239137	24.065979	0.500000
8	24.190185	23.888429	23.776336	25.230012	24.039521	0.500000
9	24.159636	23.824494	23.714051	25.215668	24.007783	0.500000
10	24.070434	23.771698	23.654144	25.205352	23.971588	0.500000
11	24.048614	23.696808	23.590210	25.195860	23.927948	0.500000
12	23.988006	23.684235	23.593567	25.177734	23.896269	0.500000
13	24.106903	23.746032	23.658843	25.164368	23.891297	0.500000
14	24.082977	23.833862	23.751311	25.154082	23.898346	0.500000
15	24.061126	23.872896	23.796509	25.138429	23.910981	0.500000
16	24.064362	23.863098	23.792298	25.123230	23.918335	0.500000
17	24.050078	23.869904	23.796143	25.121369	23.919130	0.500000
18	24.029173	23.886444	23.781342	25.105865	23.923340	0.500000
19	24.119262	23.855102	23.755402	25.089569	23.918610	0.500000
20	24.028899	23.828674	23.724548	25.074342	23.913054	0.500000
21	24.081330	23.810057	23.702515	25.064514	23.904144	0.500000
22	23.921813	23.793456	23.691164	25.045592	23.891174	0.500000
23	24.018859	23.799439	23.686708	25.032502	23.886260	0.500000
24	23.858215	23.792542	23.688690	25.018889	23.878084	0.500000
25	24.102997	23.801759	23.697479	25.006867	23.877960	0.500000
26	24.001679	23.801513	23.701629	24.993103	23.873291	0.500000

	13-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
1	0.000000	0.421265	1.081000e-3
2	0.000000	0.121795	1.082000e-3
3	0.000000	0.108033	1.082000e-3
4	0.500000	0.108245	1.082000e-3
5	0.500000	0.113005	1.082000e-3
6	0.500000	0.117828	1.083000e-3
7	0.500000	0.118896	1.082000e-3
8	0.500000	0.112093	1.082000e-3
9	0.500000	0.110443	1.082000e-3
10	0.500000	0.117554	1.082000e-3
11	0.500000	0.106598	1.030000e-3
12	0.500000	0.090668	9.880000e-4
13	0.500000	0.087189	9.470000e-4
14	0.500000	0.082551	8.800000e-4
15	0.500000	0.076387	8.660000e-4
16	0.500000	0.070800	8.540000e-4
17	0.500000	0.073761	1.083000e-3
18	0.500000	0.105102	1.083000e-3
19	0.500000	0.099700	1.083000e-3
20	0.500000	0.104126	1.082000e-3
21	0.500000	0.107542	1.083000e-3
22	0.500000	0.102292	1.082000e-3
23	0.500000	0.112731	1.082000e-3
24	0.500000	0.103852	1.082000e-3
25	0.500000	0.104280	1.082000e-3
26	0.500000	0.099884	1.083000e-3