	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
1	11:17:27	150.320000	3.250000	0.050000	-4.890000	0.070000
2	11:23:15	150.320000	3.220000	0.050000	-4.980000	0.100000
3	11:29:02	150.320000	3.270000	0.020000	-5.140000	0.040000
4	11:34:50	150.320000	3.150000	0.050000	-5.380000	0.090000
5						
6	11:44:20	120.292000	2.970000	0.050000	-3.690000	0.100000
7	11:50:11	126.266000	2.950000	0.080000	-3.900000	0.040000
8	11:56:03	132.340000	2.930000	0.020000	-4.310000	0.050000
9	12:01:54	138.295000	3.040000	0.080000	-4.770000	0.120000
10	12:07:46	144.322000	3.170000	0.050000	-5.220000	0.100000
11	12:13:37	150.321000	3.260000	0.040000	-5.850000	0.090000
12	12:19:25	150.320000	3.120000	0.060000	-5.910000	0.080000
13	12:26:07	150.321000	3.100000	0.080000	-6.070000	0.090000
14	12:31:54	150.321000	2.990000	0.020000	-6.130000	0.030000
15	12:37:41	150.321000	2.990000	0.040000	-6.080000	0.070000
16	12:43:29	150.320000	2.940000	0.090000	-6.210000	0.180000
17	12:49:44	150.320000	3.100000	0.040000	-6.140000	0.060000
18	12:55:59	150.321000	2.830000	0.030000	-6.400000	0.060000
19						
20	13:05:28	120.293000	2.760000	0.060000	-4.790000	0.130000
21	13:11:19	126.266000	2.690000	0.080000	-4.990000	0.140000
22	13:17:11	132.340000	2.630000	0.030000	-5.070000	0.080000
23	13:23:02	138.297000	2.850000	0.100000	-5.550000	0.080000
24	13:28:54	144.323000	2.810000	0.110000	-5.750000	0.110000
25	13:34:46	150.321000	2.750000	0.070000	-6.130000	0.110000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	-Coil Drive Asmbly(	MagSteel(near pole	2-HeidenhainR(um
1	24.312744	25.123047	23.738099	25.207336	24.332214	0.000000
2	24.337310	25.185973	23.782775	25.211213	24.384703	0.000000
3	24.351959	25.138612	23.715424	25.215058	24.403260	0.000000
4	24.245758	25.031250	23.611083	25.212676	24.400087	0.000000
5	24.195189	24.369171	23.567230	25.207428	24.282136	0.000000
6	24.017548	24.364105	23.503786	25.192566	24.228211	0.000000
7	24.198944	24.501068	23.545228	25.189209	24.234529	0.000000
8	24.133026	24.685486	23.627687	25.176514	24.263579	0.000000
9	24.060699	24.885469	23.736330	25.164215	24.319275	0.000000
10	24.104704	25.050995	23.799592	25.152924	24.375336	0.000000
11	24.132385	25.128541	23.757781	25.147247	24.429048	0.000000
12	24.042816	25.027619	23.643189	25.143371	24.421203	0.000000
13	24.181182	24.899048	23.528657	25.141266	24.399934	0.000000
14	24.084808	24.885164	23.529541	25.134797	24.385865	0.000000
15	23.994140	24.959044	23.599457	25.128541	24.399352	0.000000
16	24.149384	25.081665	23.700042	25.124633	24.441437	0.000000
17	24.108703	25.162048	23.796113	25.120391	24.482331	0.000000
18	24.112243	25.158295	23.783601	25.112977	24.501253	0.000000
19	24.122283	24.506592	23.731567	25.112062	24.394316	0.000000
20	24.019227	24.417024	23.552277	25.101471	24.319732	0.000000
21	24.020569	24.457946	23.486970	25.097503	24.293456	0.000000
22	24.177429	24.582429	23.520294	25.091400	24.288544	0.000000
23	24.069213	24.752287	23.605927	25.087677	24.318054	0.000000
24	24.107666	24.961029	23.696747	25.080262	24.363982	0.000000
25	24.048829	25.124879	23.747559	25.077820	24.418549	0.000000

	13-HeidenhainL(um	14-coil-H20in(C)	ltage across termin
1	-0.500000	1.384948	4.109000e-3
2	-0.500000	1.403198	4.111000e-3
3	-0.500000	1.423188	4.110000e-3
4	-0.500000	1.420167	4.109000e-3
5	-0.500000	0.801941	1.270000e-4
6	-0.500000	0.860319	3.277000e-3
7	-0.500000	0.955840	3.443000e-3
8	-0.500000	1.057799	3.611000e-3
9	-0.500000	1.149139	3.776000e-3
10	-0.500000	1.251403	3.944000e-3
11	-0.500000	1.370760	4.109000e-3
12	-0.500000	1.384430	4.109000e-3
13	-0.500000	1.370391	4.108000e-3
14	-0.500000	1.355623	4.108000e-3
15	-0.500000	1.359587	4.110000e-3
16	-0.500000	1.381623	4.111000e-3
17	-0.500000	1.365935	4.111000e-3
18	-0.500000	1.374694	4.111000e-3
19	-0.500000	0.775025	1.280000e-4
20	-0.500000	0.864747	3.278000e-3
21	-0.500000	0.970976	3.442000e-3
22	-0.500000	1.062135	3.610000e-3
23	-0.500000	1.146360	3.775000e-3
24	-0.500000	1.264282	3.943000e-3
25	-0.500000	1.377320	4.110000e-3