

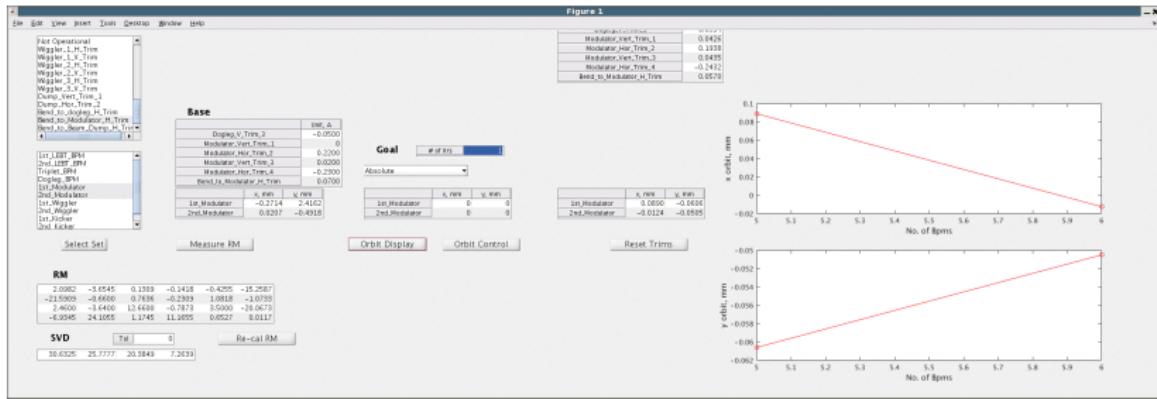
Orbit Control Tool

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Introduction BPMs SOLs and YAGs



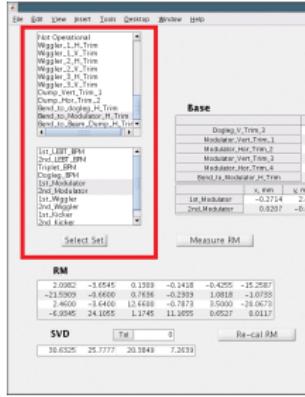
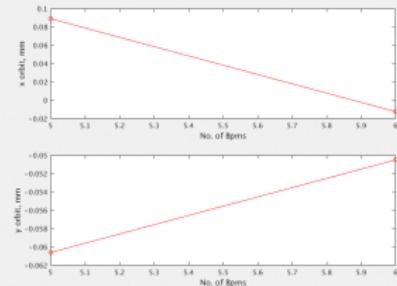


Figure 1

Modulator_Htr_Triis_1	0.6426
Modulator_Htr_Triis_2	0.1338
Modulator_Htr_Triis_3	0.6435
Modulator_Htr_Triis_4	-0.2432
Seed_to_Modulator_Htr_Triis	0.8579



The screenshot shows a software interface for 'Orbit Control Tool'. At the bottom, there is a toolbar with various icons for file operations, search, and other functions. Above the toolbar, there are two separate dropdown menus, each with a scroll bar on the right side.

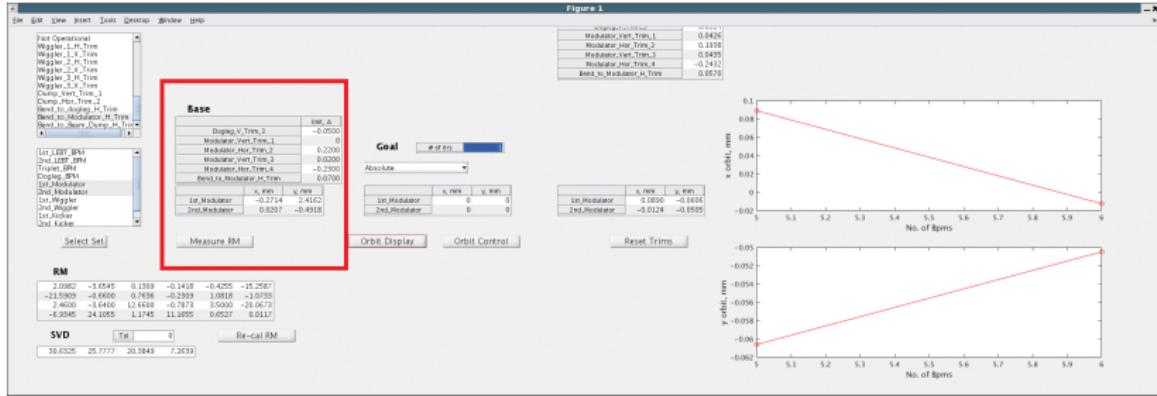
The top dropdown menu contains the following list of items:

- Not Operational
- Wiggler_1_H_Trim
- Wiggler_1_V_Trim
- Wiggler_2_H_Trim
- Wiggler_2_V_Trim
- Wiggler_3_H_Trim
- Wiggler_3_V_Trim
- Dump_Vert_Trim_1
- Dump_Hor_Trim_2
- Bend_to_dogleg_H_Trim
- Bend_to_Modulator_H_Trim
- Bend_to_Beam_Dump_H_Trim

The bottom dropdown menu contains the following list of items:

- 1st_LEBT_BPM
- 2nd_LEBT_BPM
- Triplet_BPM
- Dogleg_BPM
- 1st_Modulator
- 2nd_Modulator
- 1st_Wiggler
- 2nd_Wiggler
- 1st_Kicker
- 2nd_Kicker

At the very bottom center, there is a button labeled 'Select Set'.

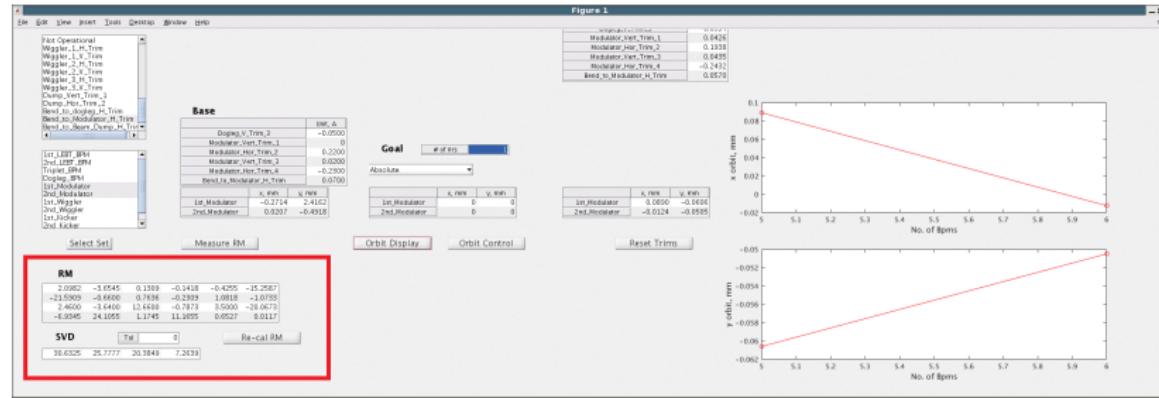


Base

	Unit, A
Dogleg_V_Trim_3	-0.0500
Modulator_Vert_Trim_1	0
Modulator_Hor_Trim_2	0.2200
Modulator_Vert_Trim_3	0.0200
Modulator_Hor_Trim_4	-0.2300
Bend_to_Modulator_H_Trim	0.0700

	x, mm	y, mm
1st_Modulator	-0.2714	2.4162
2nd_Modulator	0.0207	-0.4918

Measure RM



RM

2.0982	-3.6545	0.1309	-0.1418	-0.4255	-15.2587
-21.5909	-0.6600	0.7636	-0.2309	1.0818	-1.0733
2.4600	-3.6400	12.6600	-0.7873	3.5000	-20.0673
-6.9345	24.1055	1.1745	11.1655	0.6527	0.0117

SVD

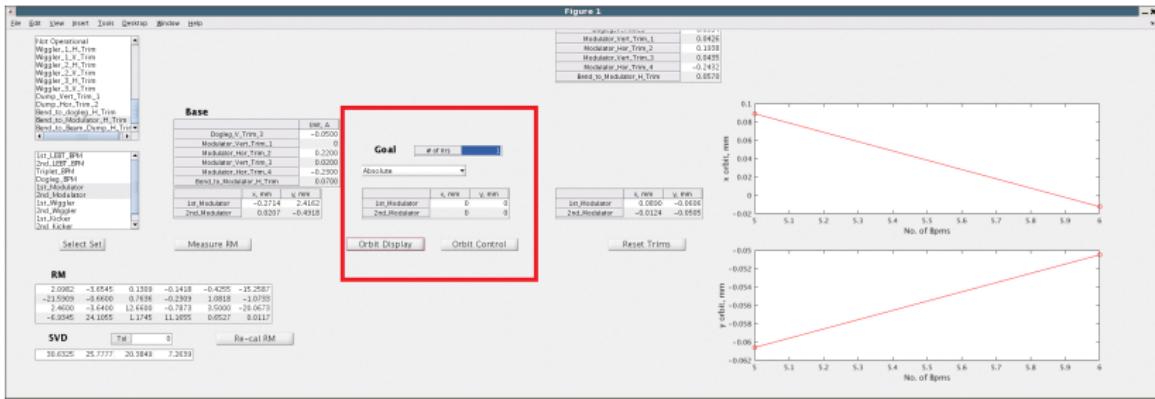
Tol

0

Re-cal RM

30.6325	25.7777	20.3849	7.2639
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Figure 1



Goal

of itrs

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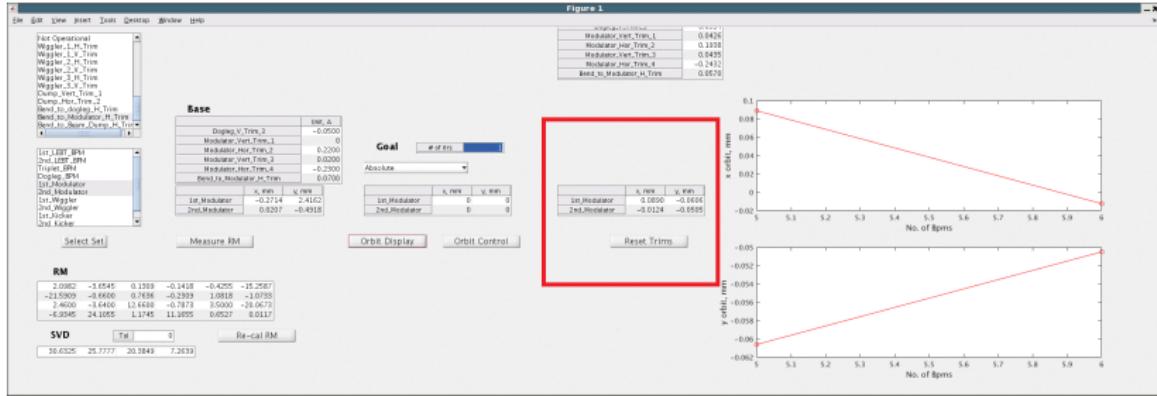
Absolute

	x, mm	y, mm
1st_Modulator	0	0
2nd_Modulator	0	0

Orbit Display

Orbit Control

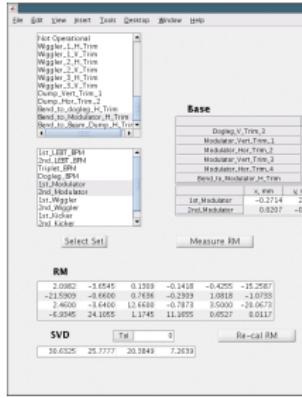
Introduction BPMs SOLs and YAGs



	x, mm	y, mm
1st_Modulator	0.0890	-0.0606
2nd_Modulator	-0.0124	-0.0505

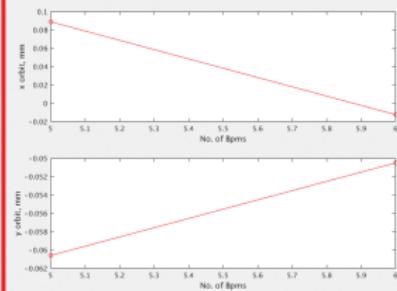
Reset Trims

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Component	Value
Modulator_Ver_Trim_1	0.0426
Modulator_Hor_Triv_2	0.1303
Modulator_Ver_Trim_3	0.0295
Modulator_Ver_Trim_4	-0.1412
Beam_Hor_Triv_H_Trim	0.0579

Component	x, mm	y, mm
1st_Modulator	-0.0090	0.0004
2nd_Modulator	-0.0124	-0.0005



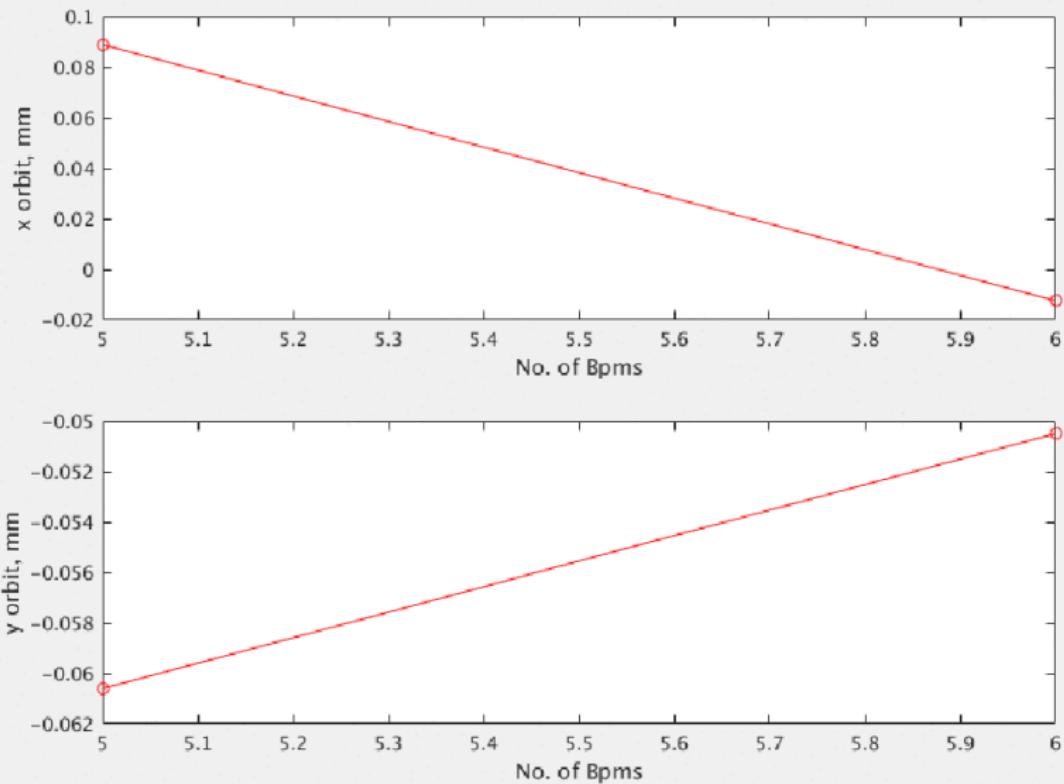
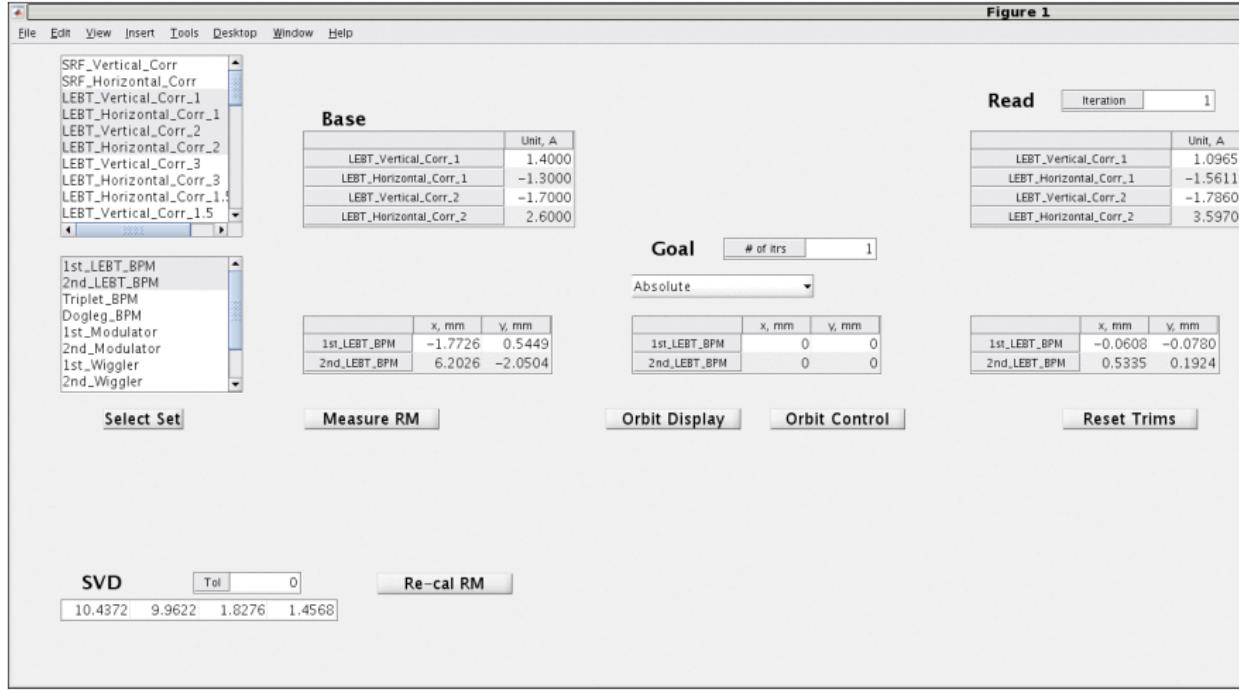


Figure 1



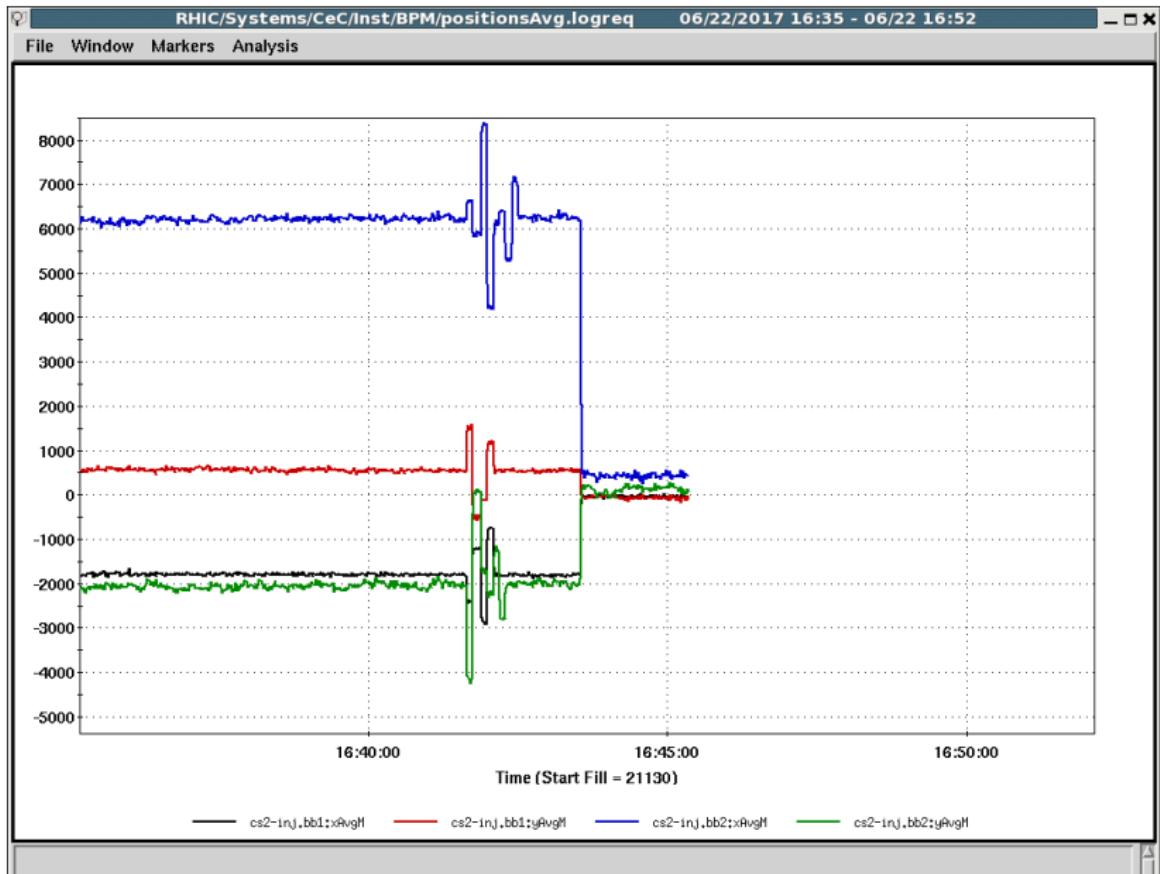


Figure 1

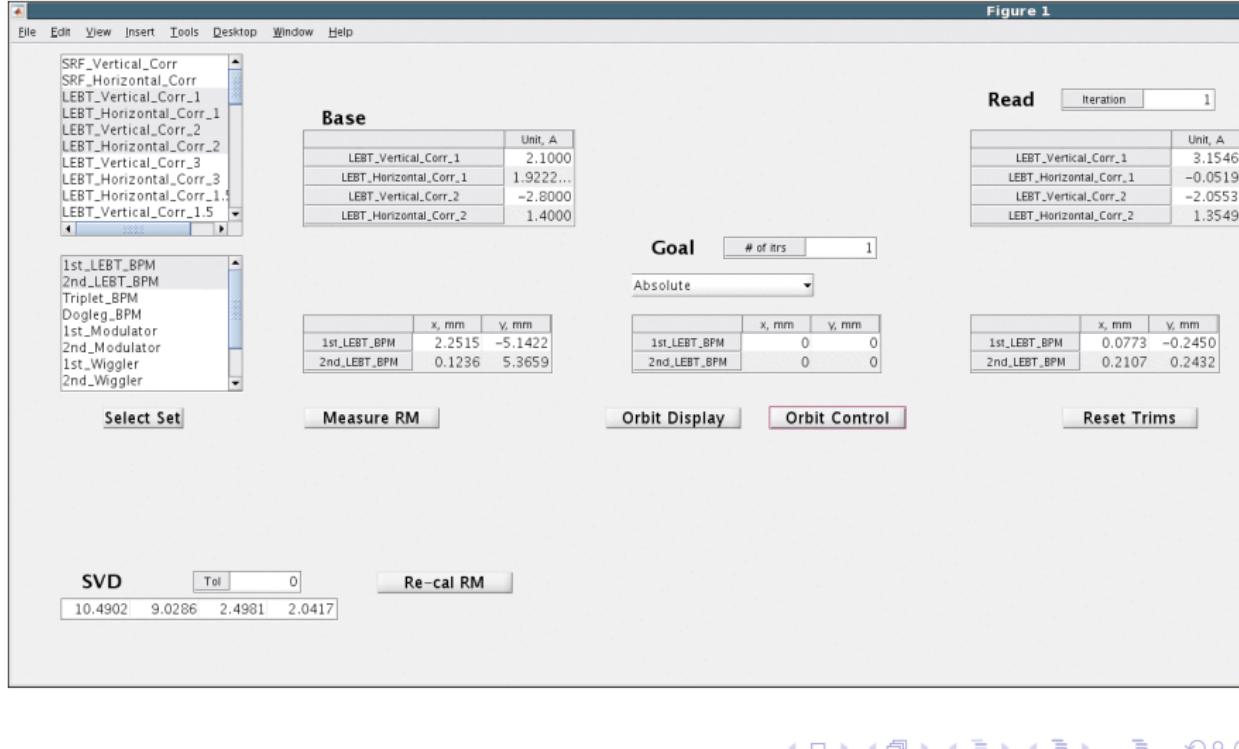
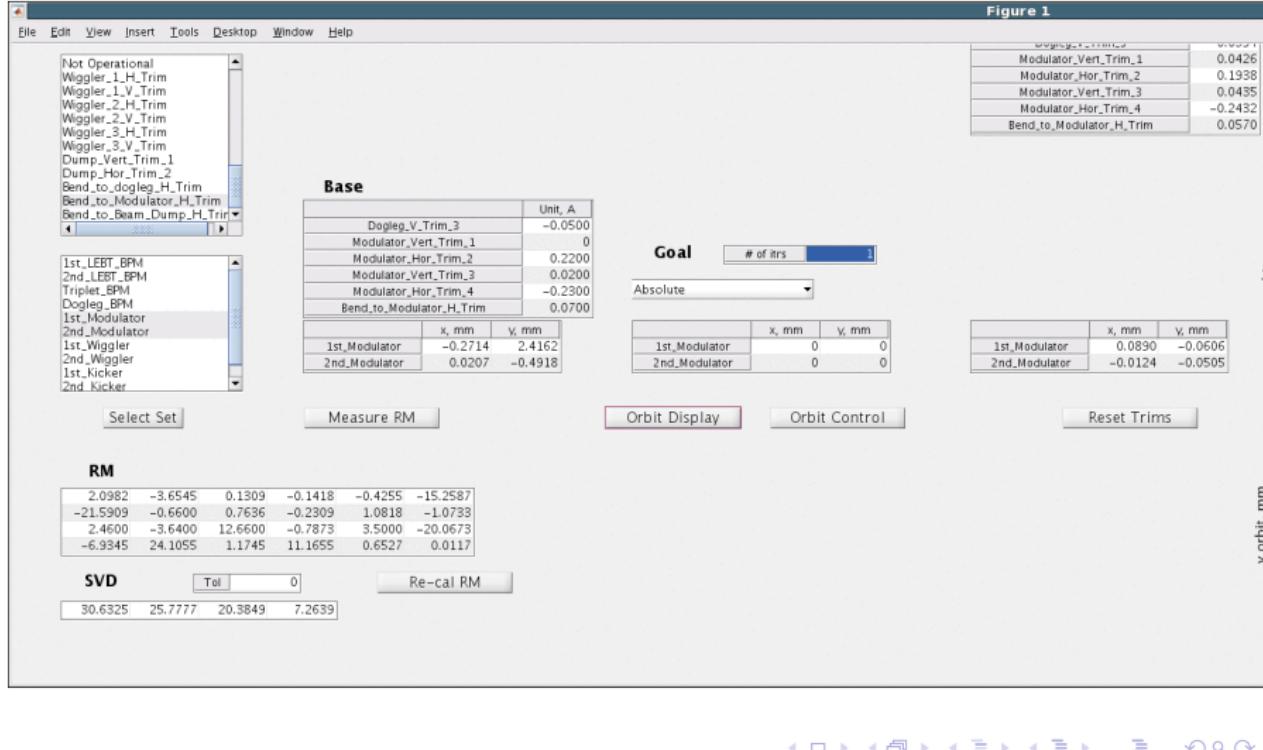
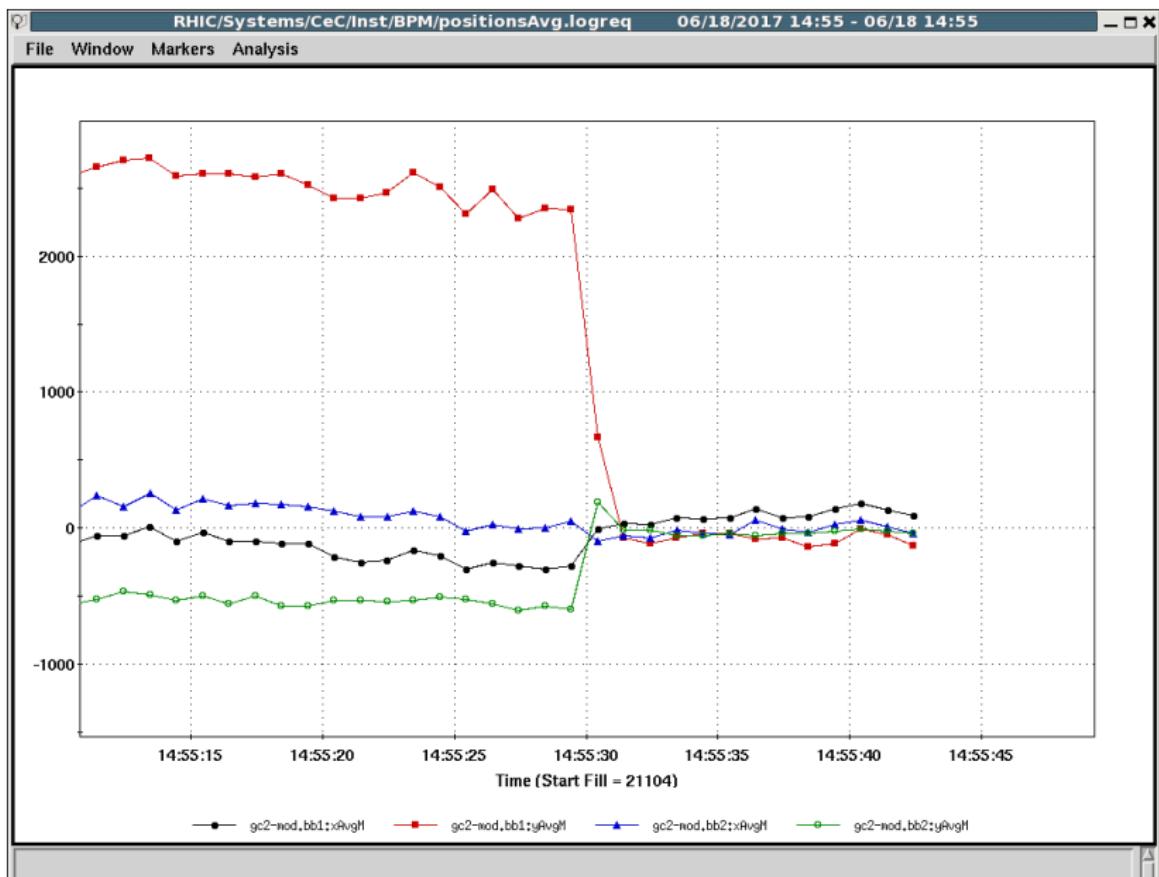
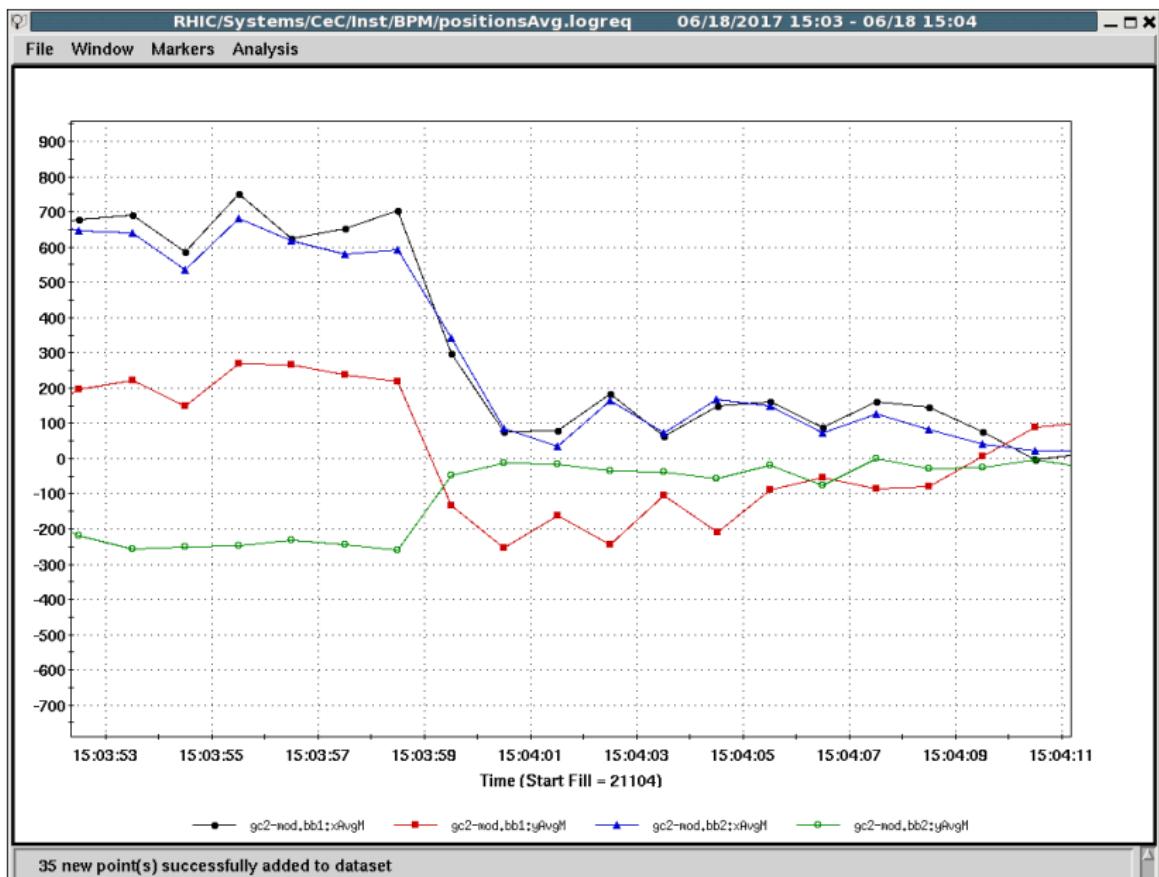
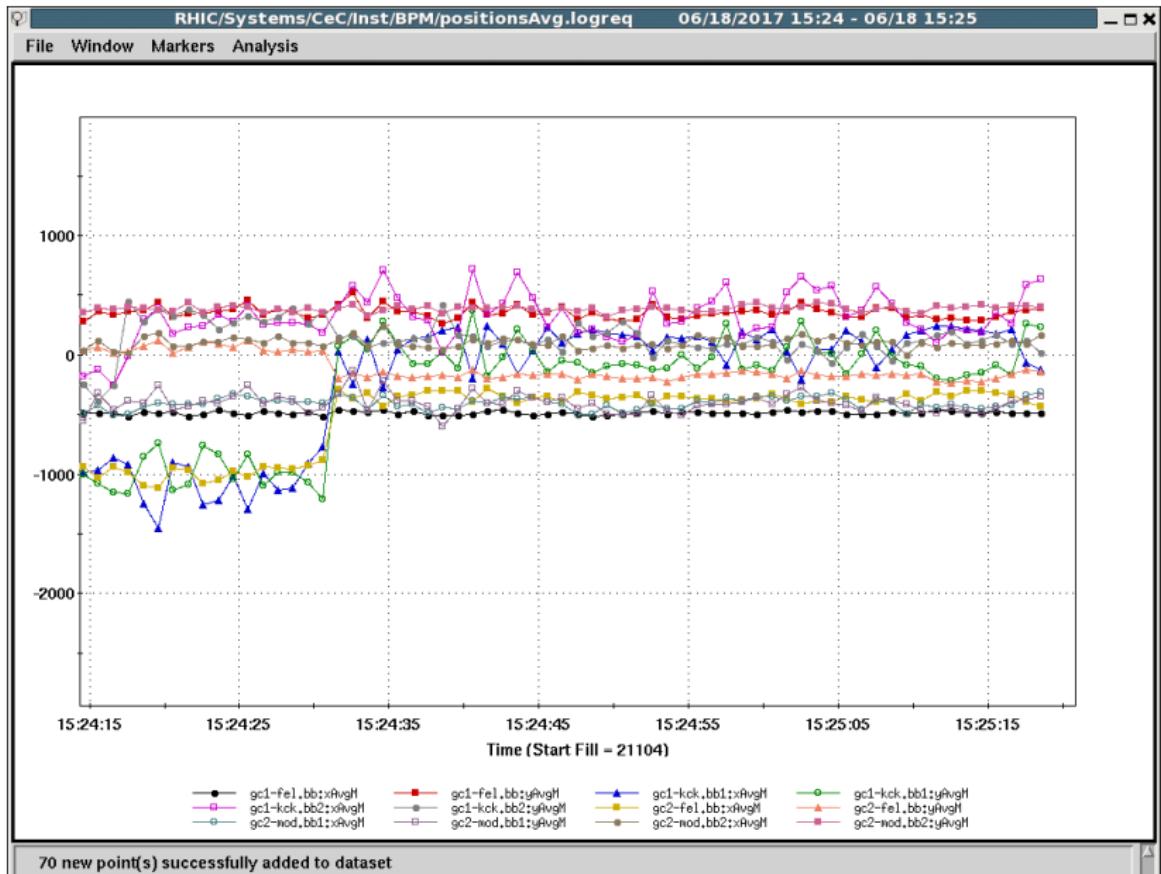


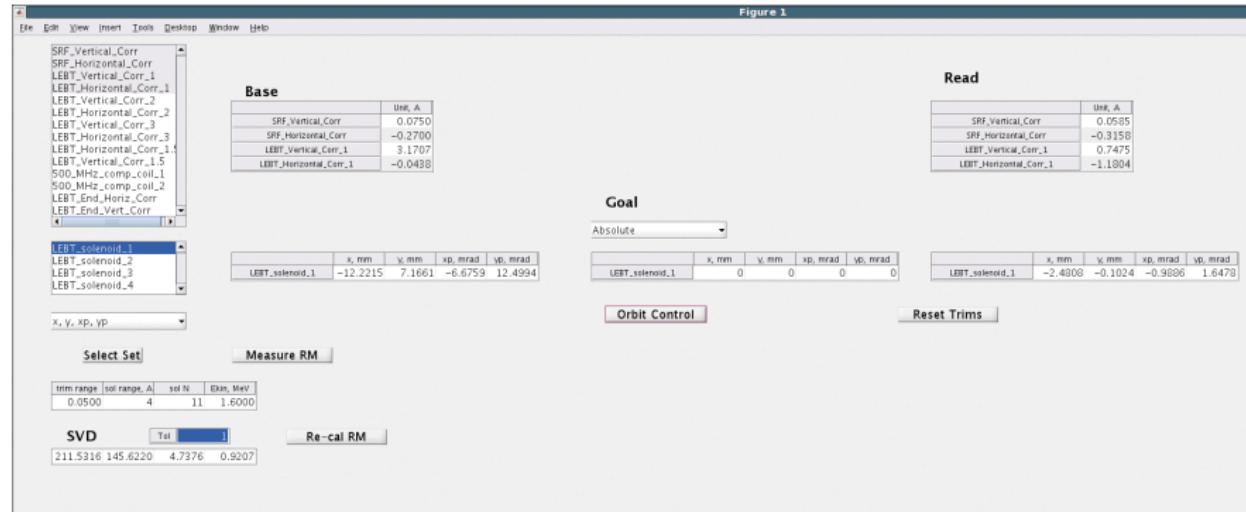
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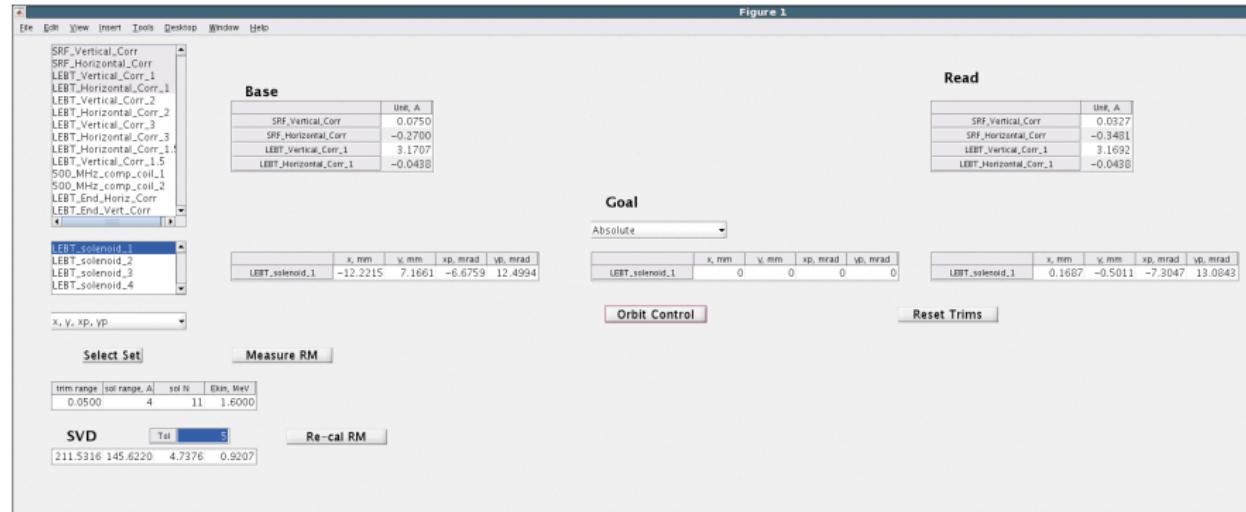


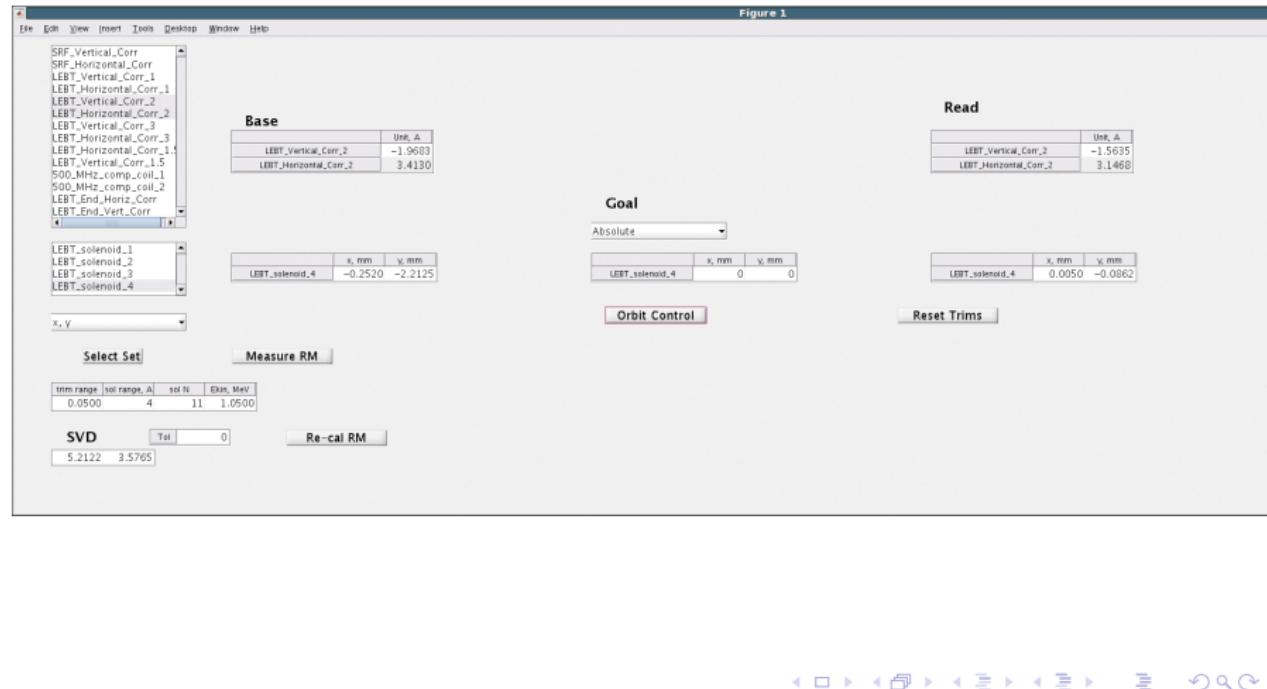












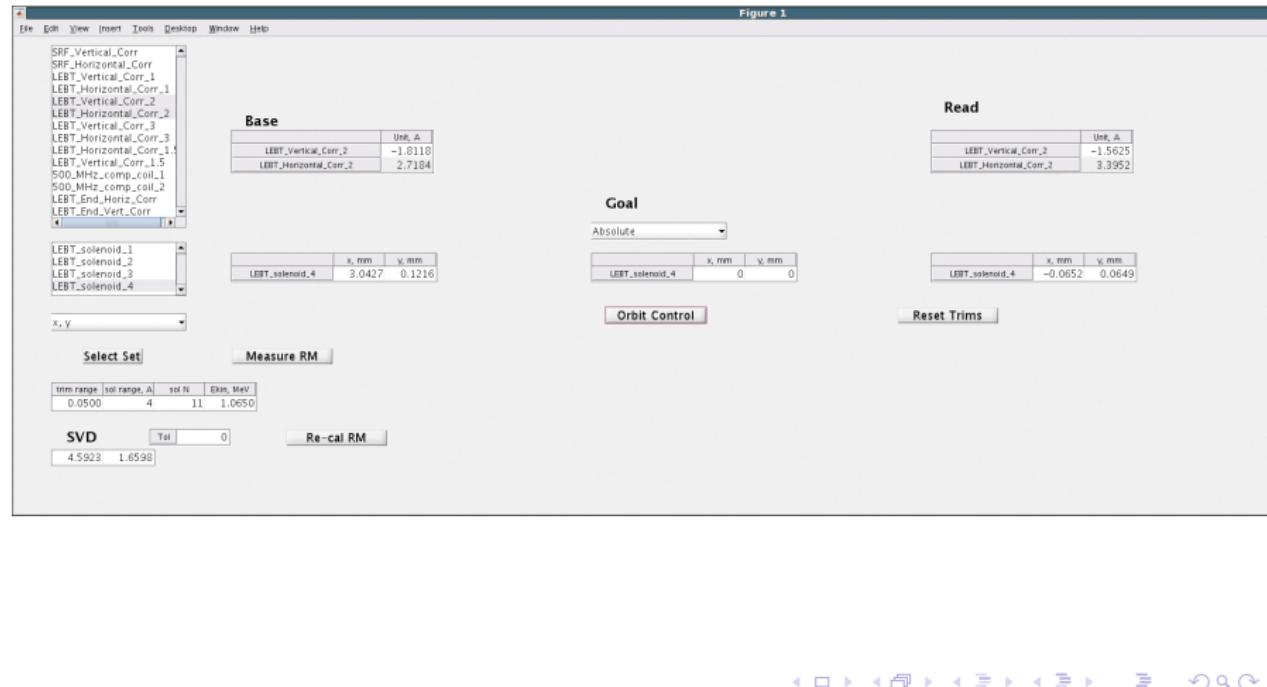


Figure 1

