



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: D1424

DETAILS:

Below are the elevations on the upper rail trough of the Hall D platform. Shots were taken every foot along the beam left and beam right rails, with point RP01 starting at the upstream edge of the rail. Values are in meters with the ideal beam elevation being 2104.7124, allowing for 12.4mm of curvature correction. The ideal is based on a value of 1.0382m below the beam. The results are graphed on the following page.

Point	Ideal (m)	ELEV. (R)	Diff Ideal (mm)	ELEV. (L)	Diff Ideal (mm)
RP01	2103.6742	2103.6721	-2.2	2103.6686	-5.7
RP02	2103.6742	2103.6704	-3.8	2103.6664	-7.8
RP03	2103.6742	2103.6685	-5.7	2103.6640	-10.2
RP04	2103.6742	2103.6666	-7.6	2103.6619	-12.3
RP05	2103.6742	2103.6655	-8.7	2103.6615	-12.7
RP06	2103.6742	2103.6650	-9.2	2103.6617	-12.5
RP07	2103.6742	2103.6644	-9.8	2103.6617	-12.6
RP08	2103.6742	2103.6639	-10.3	2103.6618	-12.4
RP09	2103.6742	2103.6634	-10.8	2103.6619	-12.3
RP10	2103.6742	2103.6629	-11.3	2103.6620	-12.3
RP11	2103.6742	2103.6626	-11.6	2103.6620	-12.2
RP12	2103.6742	2103.6622	-12.0	2103.6618	-12.5
RP13	2103.6742	2103.6617	-12.5	2103.6616	-12.6
RP14	2103.6742	2103.6613	-12.9	2103.6614	-12.8
RP15	2103.6742	2103.6609	-13.3	2103.6612	-13.0
RP16	2103.6742	2103.6605	-13.7	2103.6607	-13.5
RP17	2103.6742	2103.6602	-14.0	2103.6601	-14.1
RP18	2103.6742	2103.6599	-14.3	2103.6596	-14.6
RP19	2103.6742	2103.6597	-14.5	2103.6591	-15.2
RP20	2103.6742	2103.6596	-14.6	2103.6584	-15.8
RP21	2103.6742	2103.6593	-14.9	2103.6579	-16.3
RP22	2103.6742	2103.6594	-14.9	2103.6571	-17.2
RP23	2103.6742	2103.6589	-15.3	2103.6569	-17.3

Graph of results:

