

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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FROM: Chris Curtis

Checked: # : A606

DETAILS:

Below are the results of the as found survey of the Hall A target, carried out on May 26th. The numbers shown represent the amount the target would have to move (in mm) to be at the ideal location. A negative X is to the beam right, positive Y is up, and positive Z is downstream. The large delta Y's for the uppermost solid target (ATSL11), and the dummy target (ATC1X1), are the result of shooting the targets at a convenient location rather than the ideal location.

Target	Del Z	Del X	Del Y
ATTUNAA	.579	-.476	2.210
ATTUNAB	.074	-.573	2.380
ATTUNAC	.051	-.591	2.270
ATC1T4A	-.430	-.507	3.030
ATC1T4B	-.629	-.495	3.020
ATC1T4C	-.673	-.617	2.990
ATC1T4D	-.439	-.627	2.980
ATC1B4A	-.246	-.517	3.480
ATC1B4B	-.349	-.596	3.500
ATC1B4C	-.313	-.593	3.450
ATC1B4D	-.307	-.601	3.430
ATSL11A	-1.138	-.735	-48.350
ATSL11B	-1.019	-.857	-48.470
ATSL11C	-1.168	-.695	-48.440
ATSL11D	-1.252	-1.062	-48.450
ATC1X1A	-.598	-1.669	21.100
ATC1X1B	-.477	-.315	21.260
ATC1X1C	-.575	-1.222	21.000
ATC1X1D	-.729	-1.744	21.380