

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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DETAILS:

Below are the results of the as found survey of the Hall A target, carried out on Jan 24th. 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	0.50	0.78	1.14
ATTUNAB	0.68	0.21	1.40
ATTUNAC	0.21	0.17	1.10
ATC1T4A	0.18	-0.02	2.59
ATC1T4B	0.47	0.08	1.65
ATC1T4C	0.22	-0.05	1.53
ATC1T4D	0.02	-0.01	1.42
ATC1B4A	0.87	-0.24	1.66
ATC1B4B	1.06	-0.25	1.80
ATC1B4C	0.90	-0.30	1.76
ATC1B4D	0.63	-0.28	1.55
ATSL11A	0.17	1.57	-48.85
ATSL11B	1.00	1.44	-48.37
ATSL11C	1.46	1.08	-48.34
ATSL11D	0.82	0.83	-48.56
ATC1T3A	0.28	-0.28	1.88
ATC1T3B	0.61	-0.38	2.04
ATC1T3C	0.37	-0.63	1.85
ATC1T3D	0.03	-0.25	1.73
ATC1X1A	0.50	-1.43	-16.98
ATC1X1B	1.30	-0.01	-16.51
ATC1X1C	1.35	-1.03	-16.69
ATC1X1D	0.55	-1.65	-16.75