



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: B999

DETAILS:

Below are the results of the Hall B G8b beam line survey performed during the week of June 13, 2005. The X and Y values are relative to the ideal beam center line(in millimeters), with a +X to the beam left, and a +Y up. The Z values are based on drawing # 66840-04323. A +Z value is downstream. Note that the collimator was not set precisely for X position. It was only set to be parallel with beam.

LOCATION	Z	X	Y
Upst collimator	-814.39	-0.57	0.01
Dnst collimator	-594.36	-0.59	0.05
Sweeper magnet	-76.07	0.06	0.14
Veto		1.09	0.55
Photon harp	-16.17	-0.14	-0.47
Polarimeter	12.97	0.11	0.13
Pair spectrometer dipole	0.00	-0.47	-0.27
Target cell	-0.37	0.31	0.79
Start counter		-0.23	0.69