



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: A951

DETAILS:

Below are the results from the July 29, 2004 post run survey performed on the Hall A collimators located inside the sieve slit box and the septum magnets. The collimators were not surveyed prior to installation. As a result, a survey was performed on the outside sieve slit box fiducials before vacuum was let up to atmosphere. After removed from the pivot, the collimators were then measured relative to the fiducials to determine their position during the run. The collimator values are relative to the ideal target position upstream 800 millimeters from the pivot. The values are in millimeters in a beam following system, with +Z being downstream, +X to the beam left, and +Y above. The septum values are offsets from their ideal position.

LOCATION	DZ	DX	DY
Hadron (Rt) septum	+1.16	-0.31	+0.07
Electron (Lt) septum	+1.09	-0.77	-0.08
Hadron collimator (upst end)	810.83	-84.26	1.11
(dnst end)	835.99	-87.12	1.00
Electron collimator (upst end)	810.98	86.34	0.60
(dnst end)	836.28	89.23	0.66