



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: A1435

DETAILS:

Data:Aalign\Electron&sh\2012\E022812a

Below are the results from the survey of the left spectrometer carried out on February 28th, 2012. The horizontal pointing value shows how much the central axis of the spectrometer misses the ideal target. This value is perpendicular to the spectrometer axis, not along the beamline. For the vertical pointing, a positive value indicates that the spectrometer is pointing above the target.

===== RESULTS ===== E022812A

The central ray of the spectrometer is at -12.495 degrees.
It is missing the defined target center by 2.09 mm upstream,
and -0.16 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at -12.509 degrees.

*.9PR : 0.147(mm) *.3DD : 3.61