



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: A1407

DETAILS:

Data:Aalign\Hadron\2011\H070511a, Electron&sh\2011\E070511a

Below are the results from the survey of the right and left spectrometers carried out on July 5th, 2011. 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 ===== H070511A (Right)

The central ray of the spectrometer is at 12.523 degrees.
It is missing the defined target center by 2.65 mm downstream,
and -0.73 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 12.505 degrees.

*.9PR : 0.241(mm) *. 3DD : 1.14

===== RESULTS ===== E070511A (Left)

The central ray of the spectrometer is at -13.128 degrees.
It is missing the defined target center by 1.73 mm upstream,
and -0.24 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -13.139 degrees.

*.9PR : 0.1321(mm) *. 3DD : 1.29