



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: A1258

DETAILS:

Below are the results from the survey of the right and left spectrometers carried out on 11th and 20th of this month. 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 ===== H011110A (Right)

The central ray of the spectrometer is at 12.526 degrees.
It is missing the defined target center by 2.84 mm downstream,
and -0.13 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 12.507 degrees.

*.9PR : 0.126(mm) *.3DD : 2.01

===== RESULTS ===== E012010A (Left)

The central ray of the spectrometer is at -12.501 degrees.
It is missing the defined target center by 2.08 mm upstream,
and -0.33 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at -12.516 degrees.

*.9PR : 0.136(mm) *.3DD : 2.46