



Jefferson Lab Alignment Group

Data Transmittal

TO: B. Sawatzky

DATE: 02/09/2016

FROM: J. Dahlberg

Checked:

: A1696

DETAILS:

Data: Aalign\Electron&sh\2016\E020916a

Below are the results from the survey of the left spectrometer on Feb 09, 2016. 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 beam line. For the vertical pointing, a positive value indicates that the spectrometer is pointing above the target.

===== RESULTS ===== E020916A

The central ray of the spectrometer is at -16.553 degrees.

The central ray is missing the defined target center by -1.12 [mm] Upstream and -0.98 mm vertically [positive value is up]

If the offset is corrected by secondary alignment, the spectrometer will be at -16.561 degrees.

To achieve this optimal setting make the following adjustments:

Horizontal corrections: Move rear jacks along tangent -1.14 mm Upstream.

9 Par Aposter Val : 0.14 (mm)
