Jefferson Lab Alignment Group

Data Transmittal

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DETAILS:

Below are the results from the electron (left) spectrometer survey carried out on 10th August; and the superharp/BCM survey carried out on the 9th September, 2004. The values represent the difference in millimeters from the ideal position of each fiducial. A positive X value is to the beam left, a positive Y is too high.

========== RESULTS ========== E081004A

The central ray of the spectrometer is at -19.991 degrees.
It is missing the defined target center by 2.13 mm upstream,
and 0.92 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -20.005 degrees.

*.9PR : 0.109 *.3DD : 0.92

Superharps

	DX	DY
SH1H01A	-0.20	-0.17
SH1H01B	-0.08	-0.23
SH1H01C	-0.09	-0.18
SH1H02A	-0.46	-0.17
SH1H02B	-0.42	-0.20
SH1H02C	-0.38	-0.20

Cavity BPMs

BCM1H1B	-0.06	-0.52
BCM1H1C	-0.03	-0.28
BCM1H2A	-0.32	-0.32
BCM1H2D	-0.26	-0.30