



Jefferson Lab Alignment Group Data Transmittal

TO: C. Munoz Czmacho

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Checked:

: A1301

DETAILS:

Data: Fiducial\HallA\DVCS\100709a

Attached is a spreadsheet listing the upstream face coordinates of each of the crystals in the Hall A DVCS crystal array. A right handed coordinate system was established with the X and Y origin centered on the average horizontal and vertical position of all crystals. The Z origin is centered on an average of 35 randomly selected points on the upstream face of the crystal array. These points are also listed in the attached spreadsheet. A +X is to the beam right, a +Z is downstream, and +Y is up. Note that there are 5 crystals which had poor circle fits; this is possibly due to bad probe tip registration where the stem was up against the edge rather than the tip. These points are highlighted in bold face.

Spreadsheet: [DVCS array](#)