



## Jefferson Lab Alignment Group Data Transmittal

**TO:** S. Lassiter

**DATE:** 26 Mar 2010

**FROM:** J. Dahlberg

**Checked:**

**# :** C1275

**DETAILS:**

Data: Inspection\HallC\Qweak\100318a

Attached is a file containing the survey data from the Q-weak target vacuum window inspections. A right handed coordinate system was established for each window frame. The center hole defined the XY origin and Z is centered between the upstream and downstream faces. A +X is to the left, a +Z is downstream, and a +Y is up. Values are in millimeters. A rectangular slot was measured on each individual window giving the center coordinate along with the length and width at the extreme edges. The Z coordinate gives the depth of cut from the outside face to the inside surface of the slot. The six holes around center were also measured. Included in the spreadsheet, is the thickness of each window and the rotation angle between the corresponding window slot on the opposite side. A line from the center hole to each window slot center was constructed to determine the rotation angles.

[Target vacuum windows](#)