

DVCS weekly meeting

September 13th, 2010

Installation in Hall A

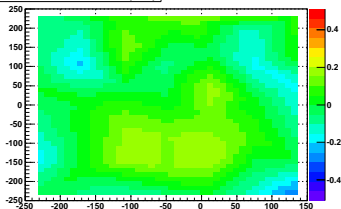
- ▶ Calorimeter transferred to permanent stand last Wednesday
- ▶ All surveys finished
- ▶ Calorimeter recabled (testing every channel again)
- ▶ Black box fits with calorimeter in forward position!

Calorimeter survey

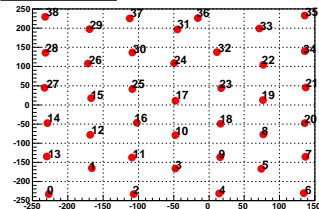
- ▶ Calorimeter surveyed last Thursday at 14.78° (1.1 m & 5.5 m)
- ▶ Tungsten shielding surveyed, too.
- ▶ Results from survey of block positions received.

Z-coordinate of blocks

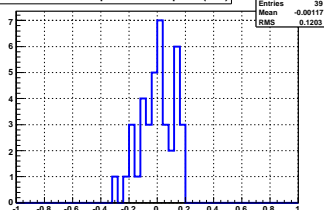
Front face z-coordinate (mm)



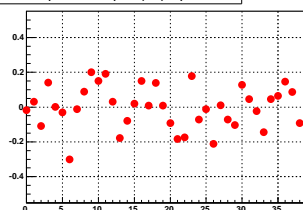
Measured positions



Distance of measured points to best plane (mm)



Distance of points to best plane (mm) vs point number

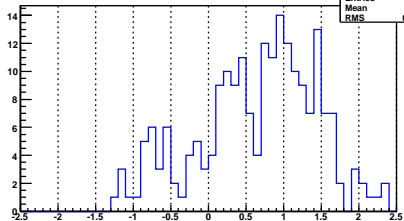


In Test Lab: $RMS = 0.18$ mm

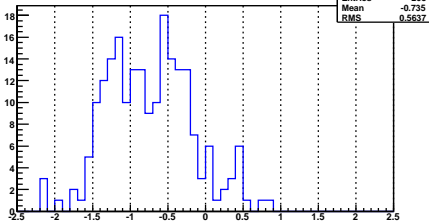
Blocks survey

XY-coordinates of blocks

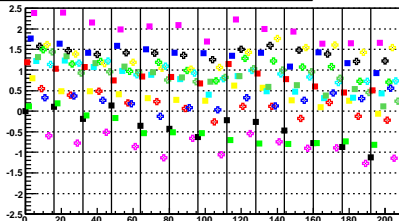
X-position deviations (mm)



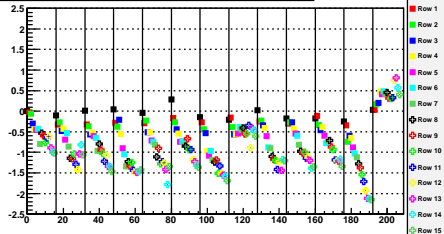
Y-position deviations (mm)



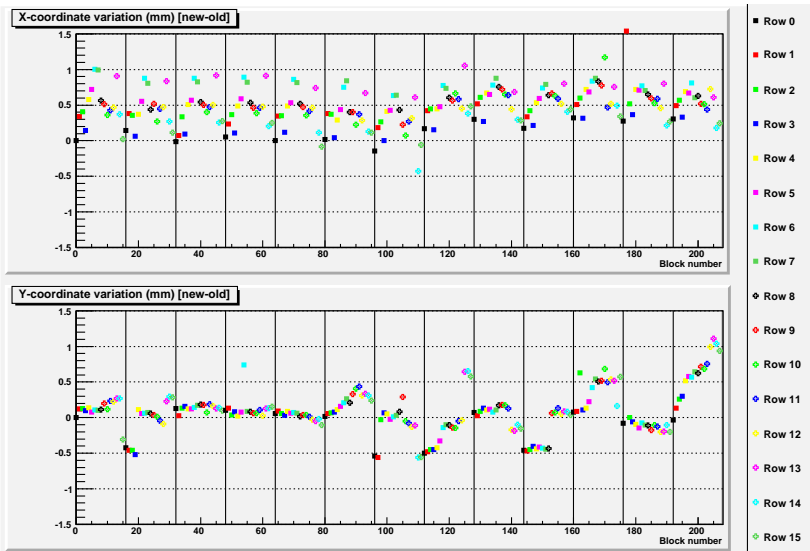
X-position deviations (mm) vs block number



Y-position deviations (mm) vs block number



Comparison stacking Test Lab vs Hall



DAQ

- ▶ Logic unit (inside trigger module) operational
- ▶ Meeting last Thursday to discuss dead time measurements
- ▶ Will test trigger this week

Plan for the week

- ▶ Drill holes in cart to hold black box
- ▶ Finish testing calorimeter channels
- ▶ Adjust HV with cosmics/LED (several iterations needed)
- ▶ Time calorimeter signal with cosmic paddle
- ▶ DAQ & software development