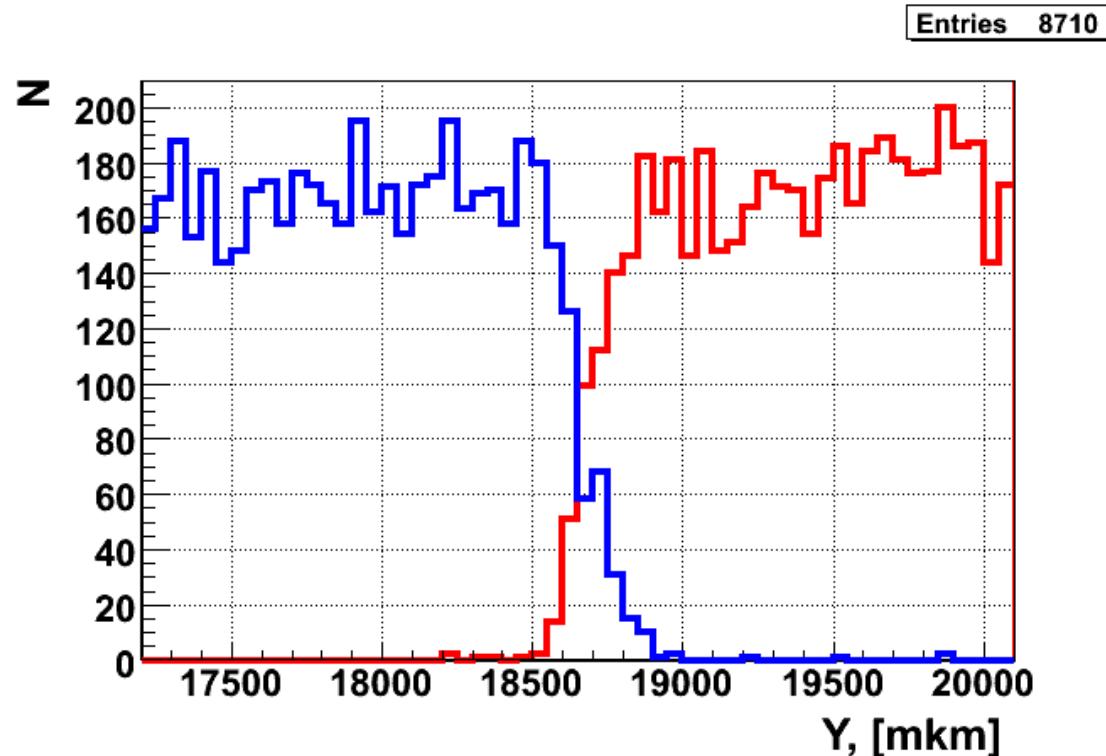
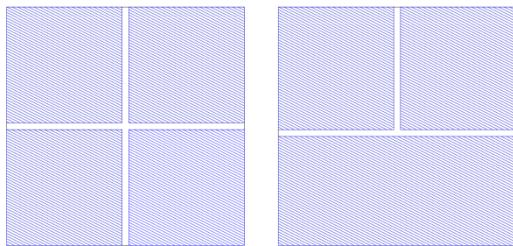


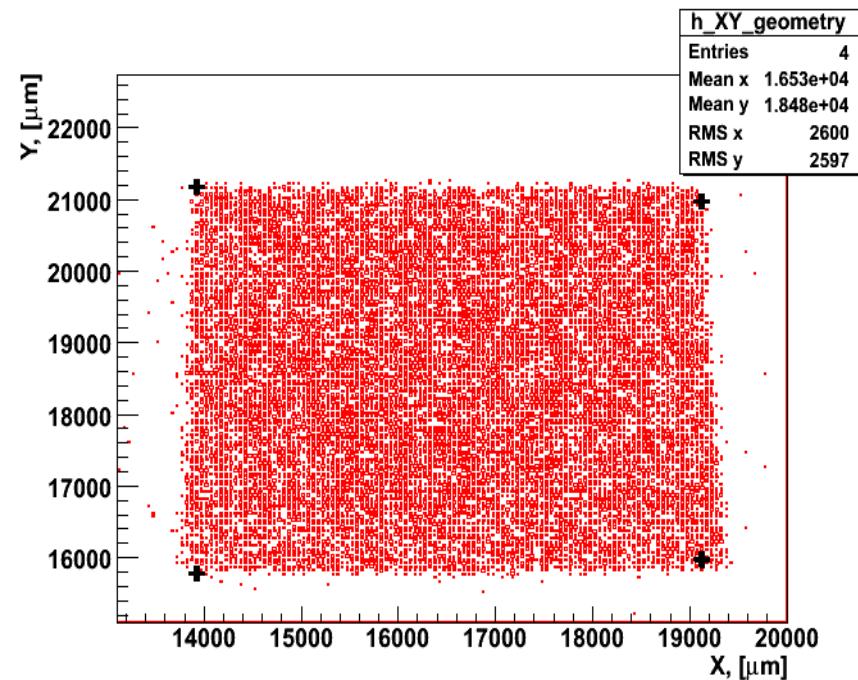
status test beam analysis

- All data can be read out
- Charge sharing was shown on IWLC2010
- Needs to be recalculated in polar coordinates
- Pad's gaps 0.2 m
- 50 μm bin
- Charge Sharing
in 4 Edge case



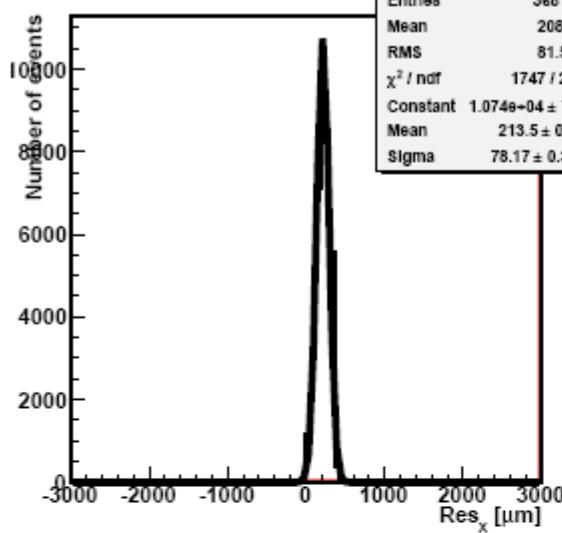
Alignment

- Alignment problem in Telescope
- New program provided by Hamburg (just started)
- If there is alignment problem between DUT and Telescope

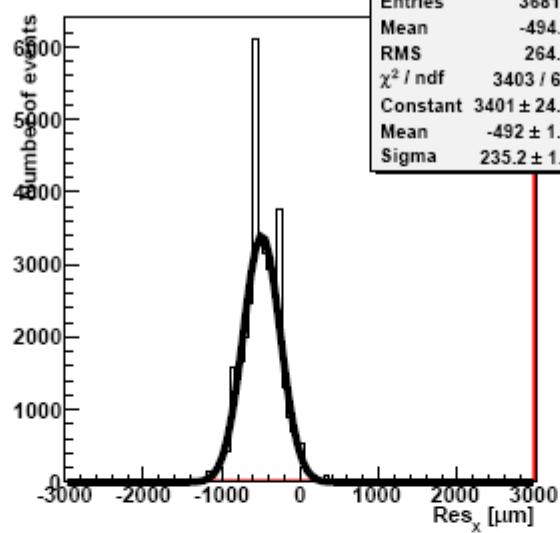


Before Alignment

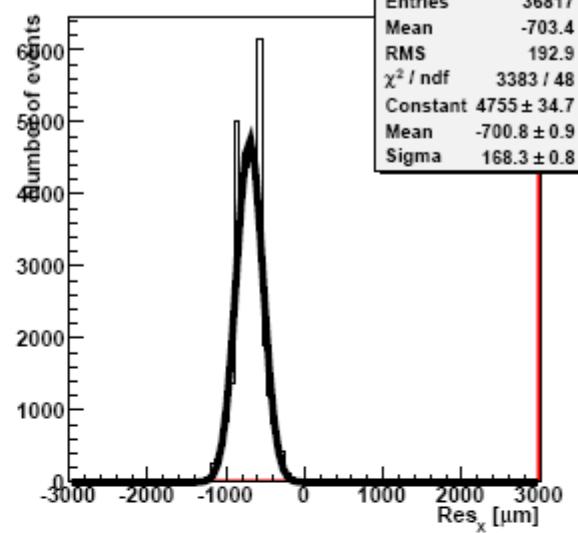
Dig X 1 2



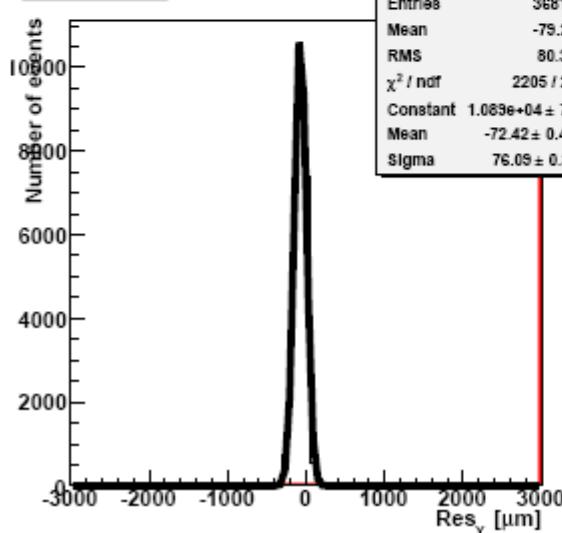
Dig X 1 3



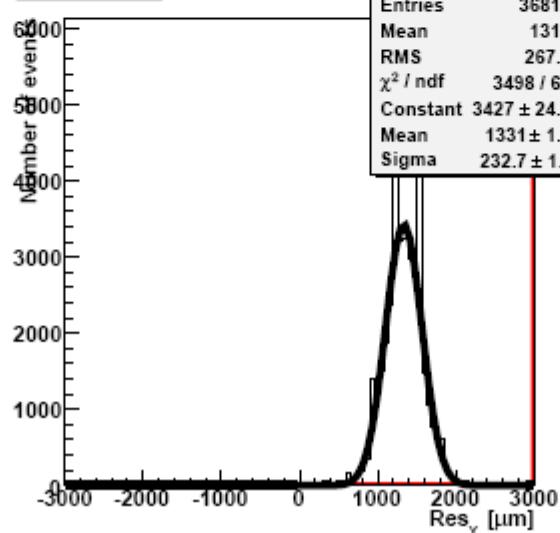
Dig X 2 3



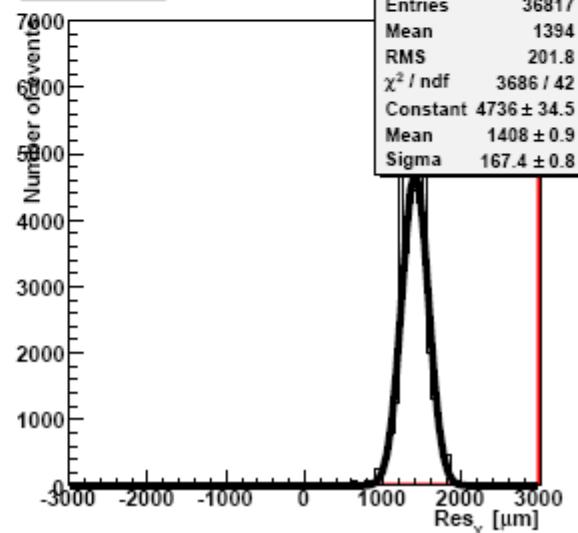
Dig Y 1 2



Dig Y 1 3

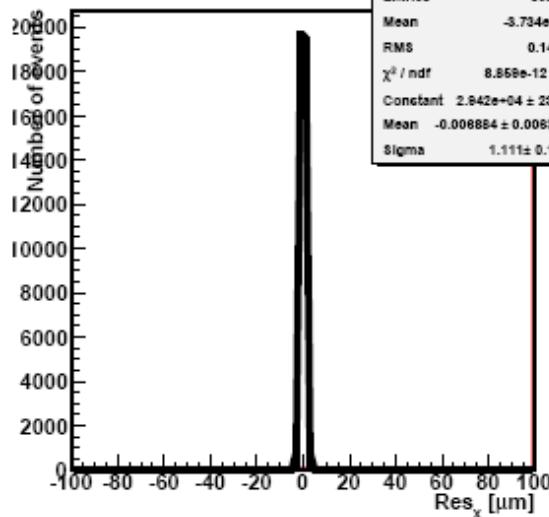


Dig Y 2 3



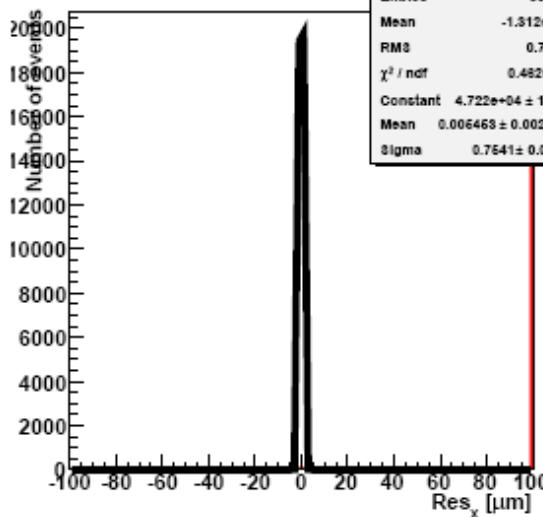
Center of gravity method

Cog X 1 2



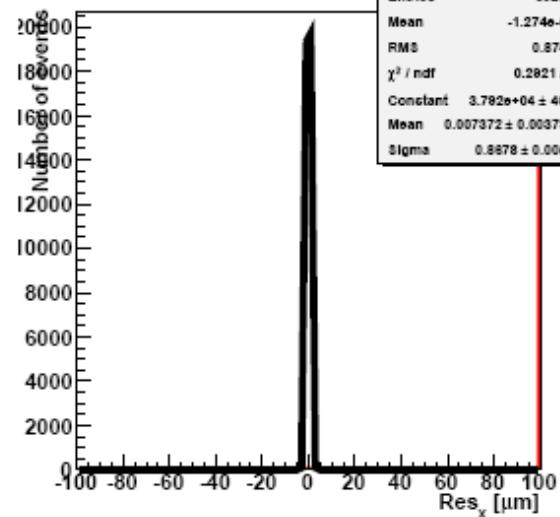
ResCog_X_1

Cog X 1 3



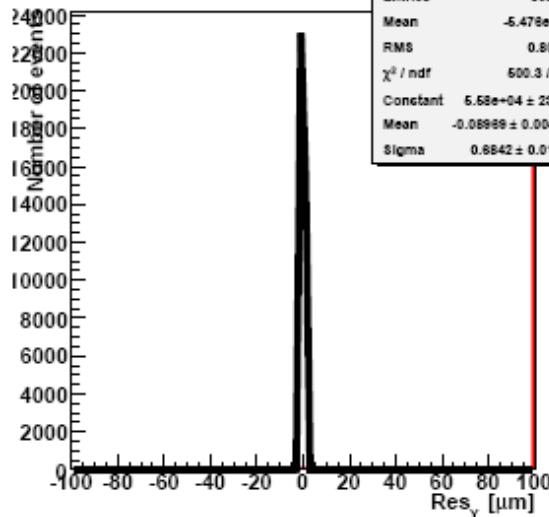
ResCog_X_2

Cog X 2 3



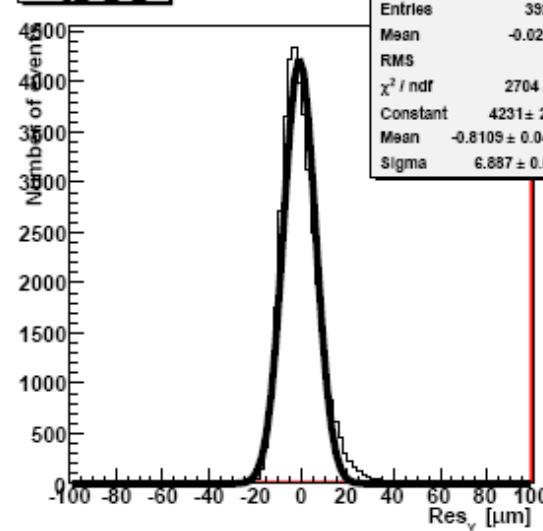
ResCog_X_3

Cog Y 1 2



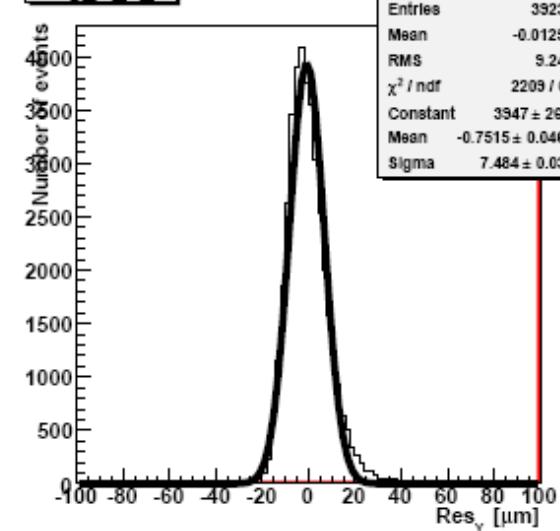
ResCog_Y_1

Cog Y 1 3



ResCog_Y_2

Cog Y 2 3



ResCog_Y_3

BeamCal Geometry

- 8 sectors (8 subsectors)
- Pads with proportional sizes, last one 5 mm
- Approximately the same
- Tested with algorithm
- Few rings are not sensitive (has to be find out)
- Run and compare with other geometry (plan)

