

# pC update

polar. mtg.  
08.10.14

## Run13, analysis:

- Gain,  $I_{\text{bias}}$  jumps
- Negligible effect on polarization systematics  
check asymmetry upstream/downstream,  
same syst. fluctuations Run9, Run11, Run12, Run13 (slide ↘)
- Gain correction developed:  $\alpha$ -gain vs. (Dima K.)
- Implementation being debugged (Grant, Dima K.)

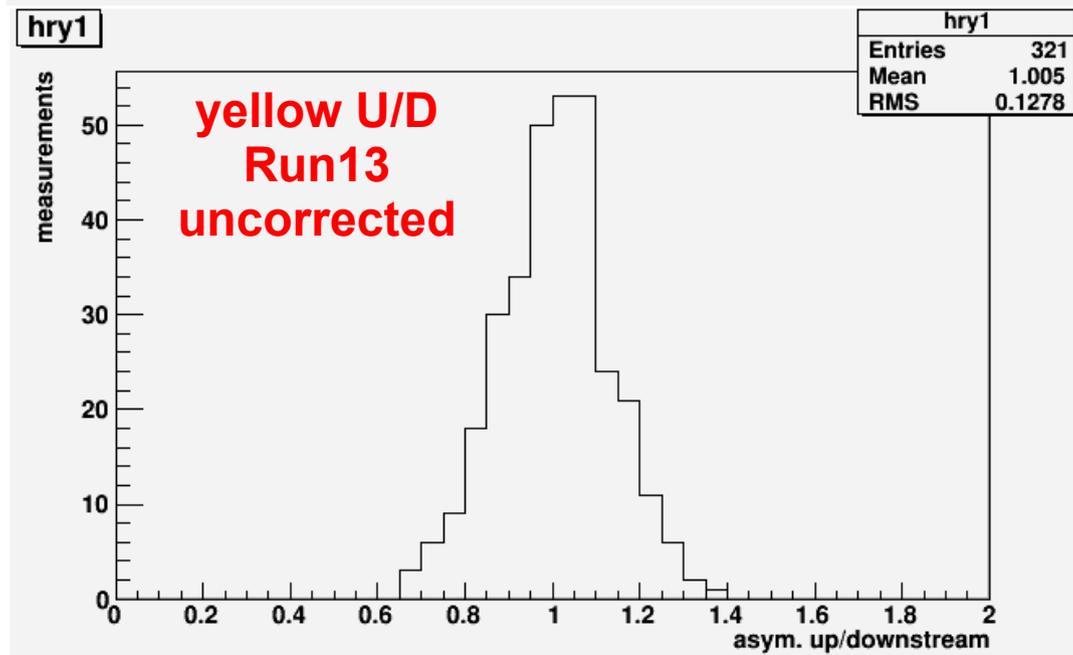
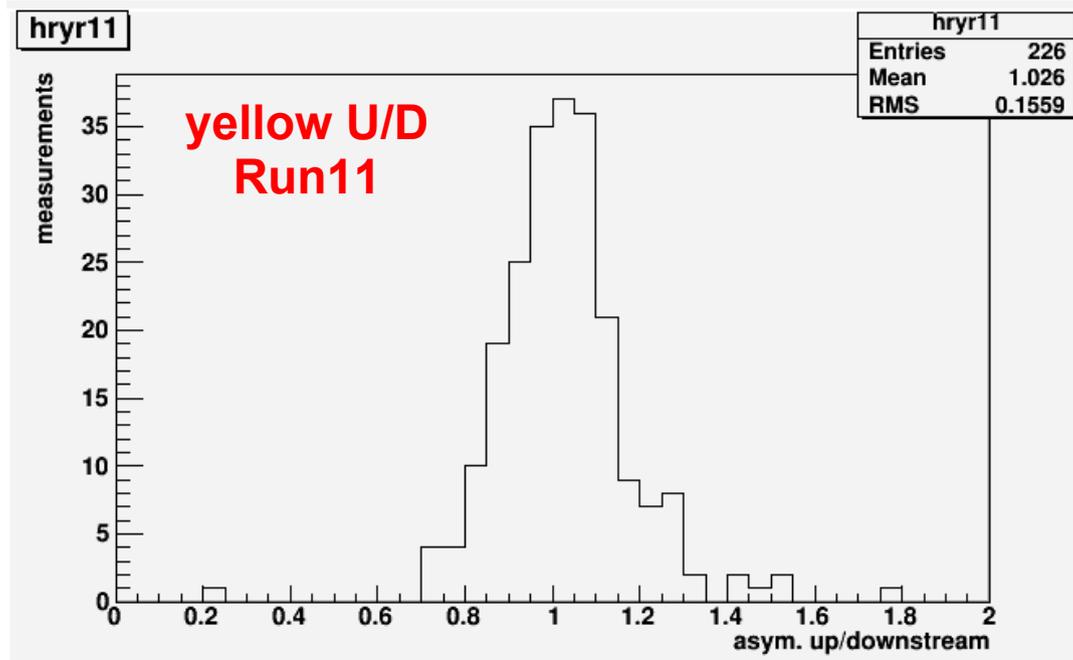
## 1mm detectors, ceramics:

- 20 new detectors tested, results?  
1 wafer = 12 detectors to be cleaned, tested
- 25 (+1) old style ceramic boards on hand; problematic? (slide ↘)
- Redesigned ceramic board (w/o plating) being drawn (M. Jacobellis)  
(slide ↘) not clear if time, \$\$\$

## 2mm detectors, ceramics:

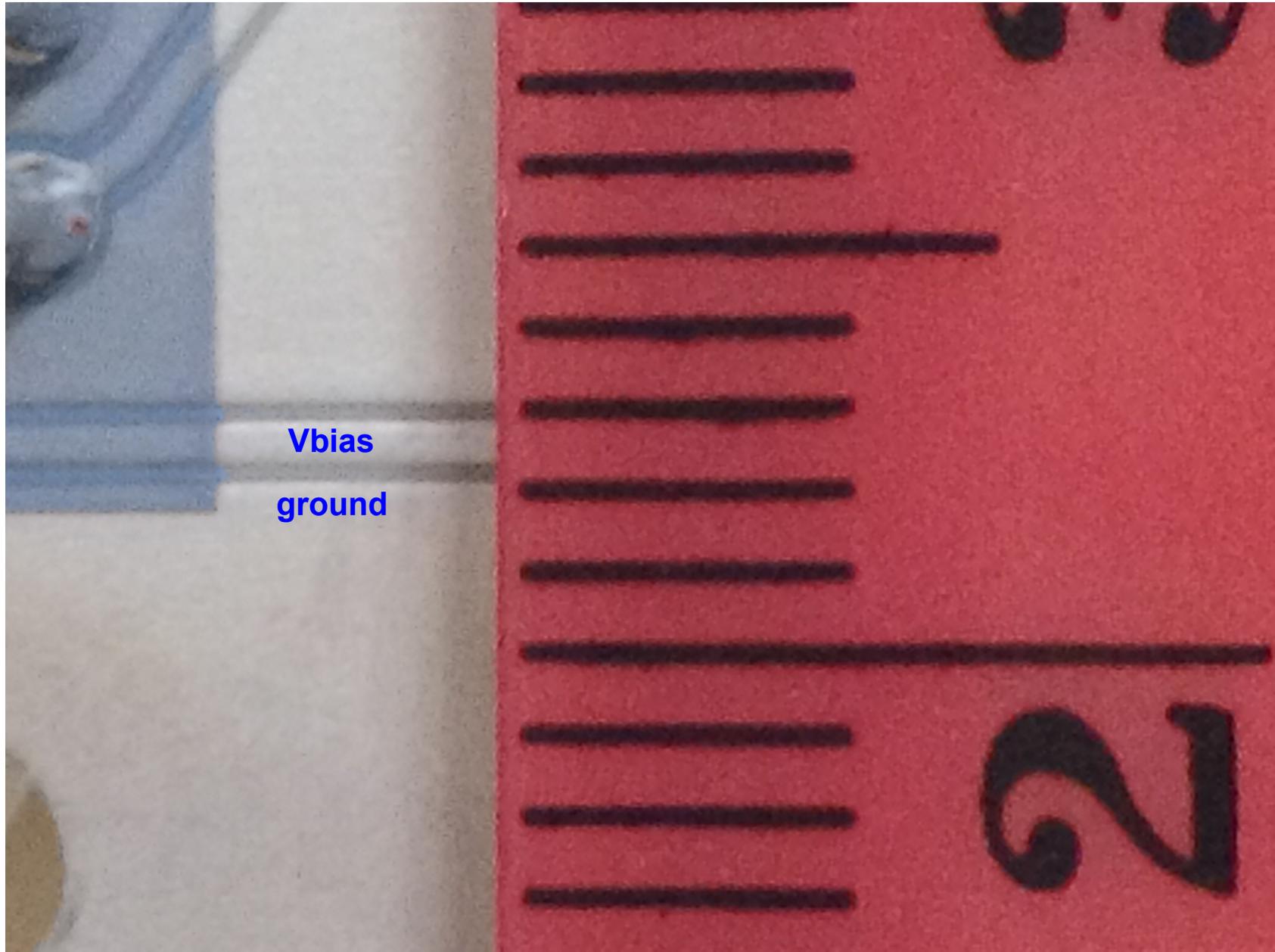
- 31 old detectors tested, 16 (18?) OK
- Ceramics being ordered (Tony C.);  
Emtron/Damien blackout, not clear if time, \$\$\$

# Asym.: up/downstream



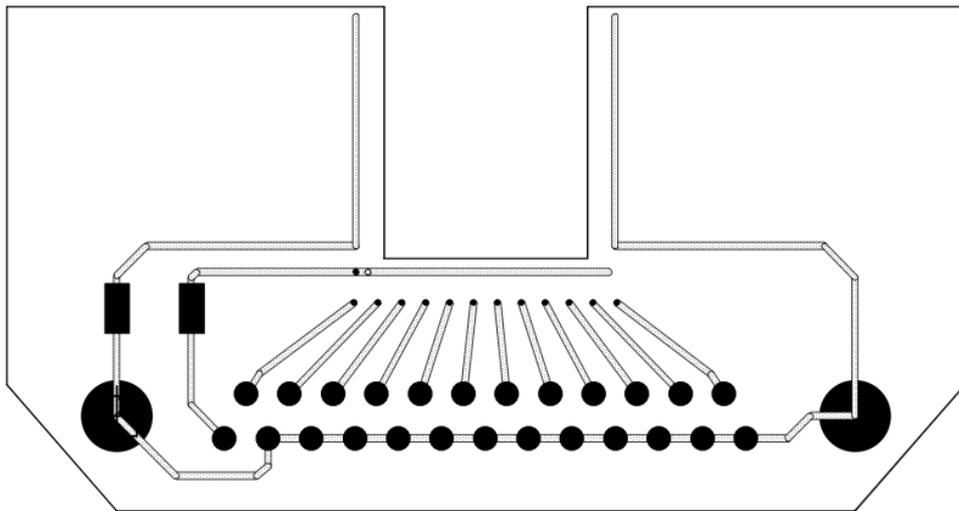
# Old 1mm ceramic

- Among other doubts:  $\sim 200\mu$  gap between  $V_{\text{bias}}$ , ground:

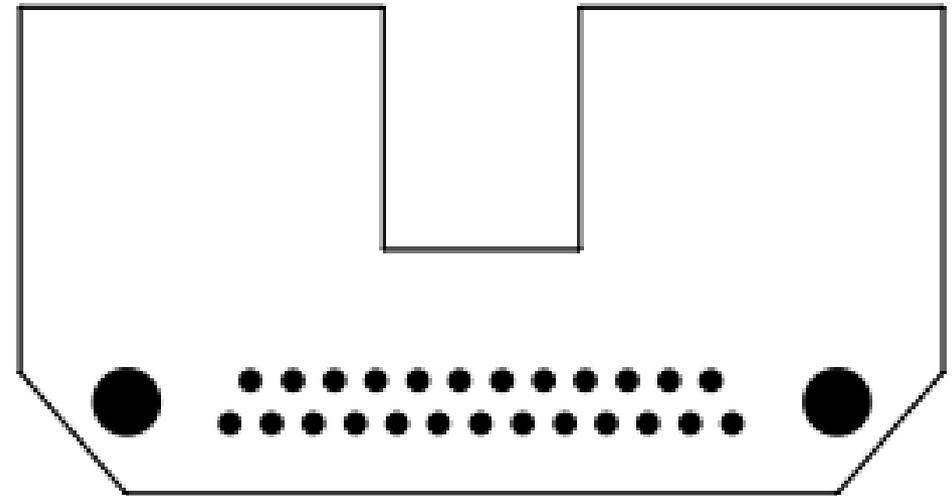


# New 1mm ceramic

- Plating removed, all traces on top, no feedthroughs: simpler
- Preliminary drawing (M. Jacobellis):



PRIMARY SIDE TRACES



SECONDARY SIDE NO TRACES