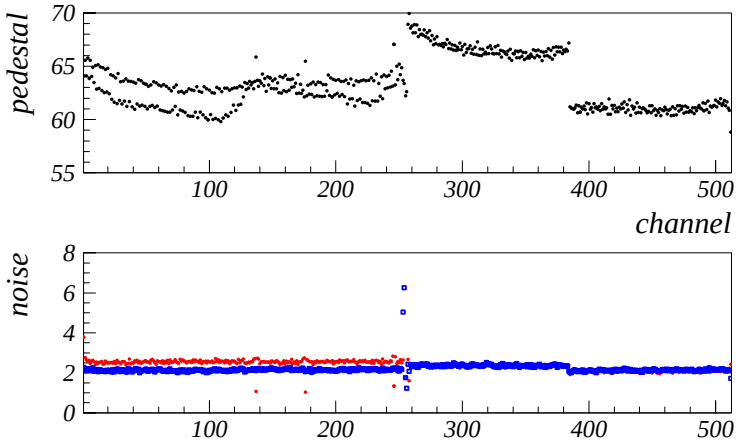
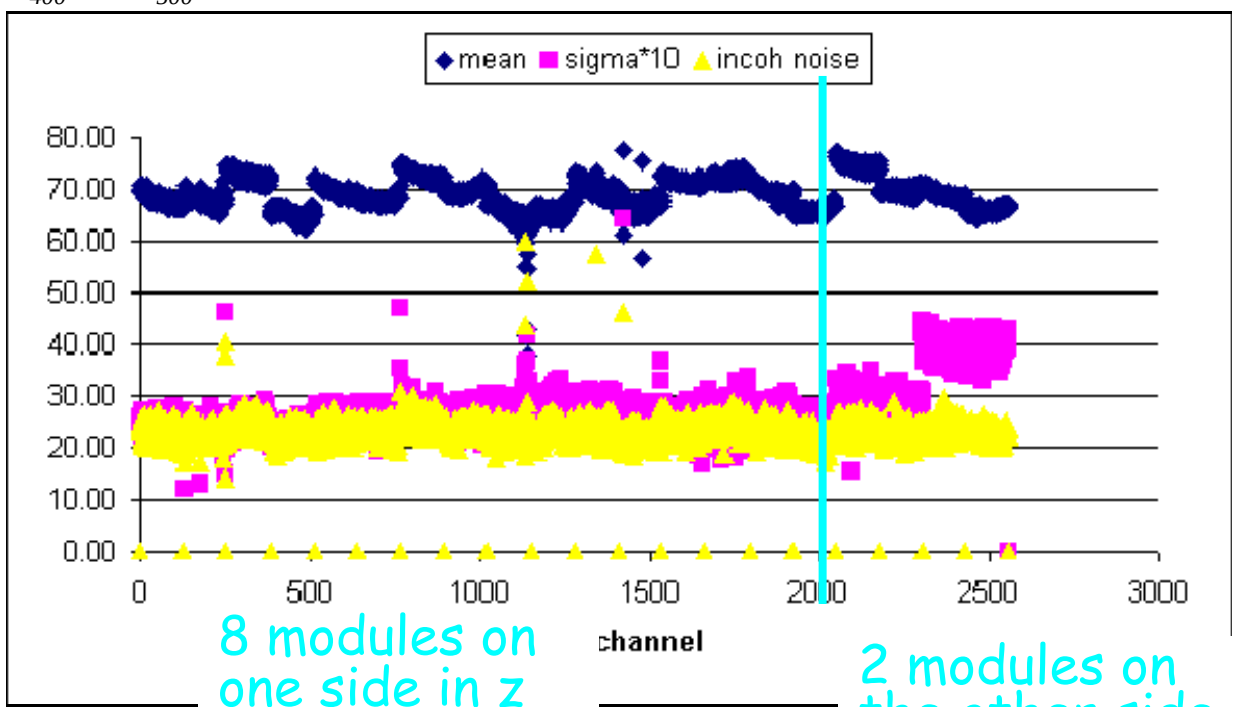
At 1% test stand

BW=4



full chain + sequencer

read out by SASEQ



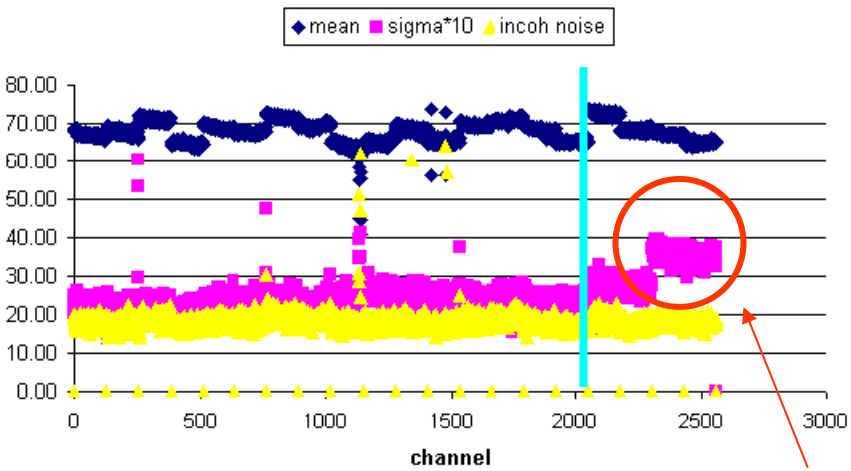
8 modules on one side in z

2 modules on the other side

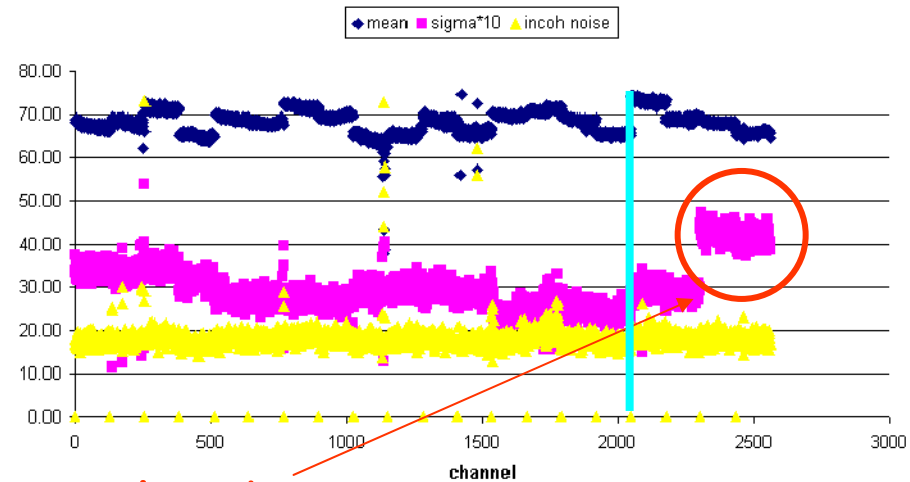
Some Comparisons

BW=15

common GND at AC

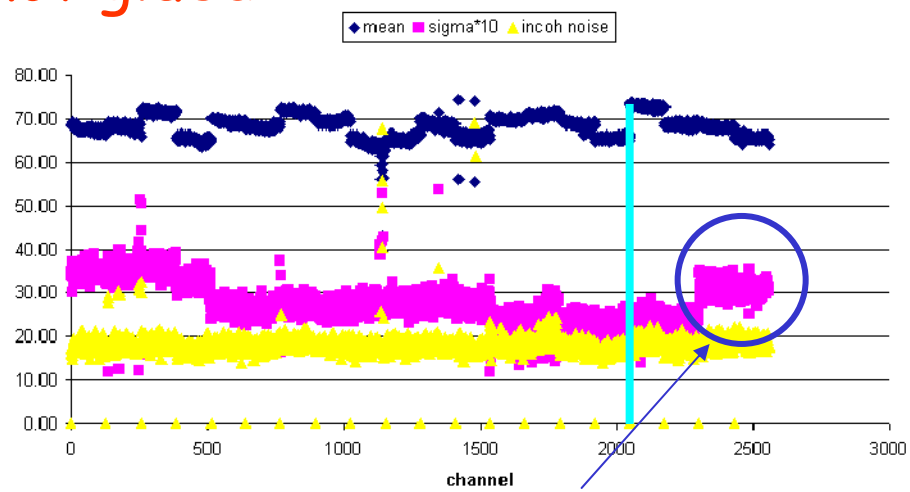


isolated GND at AC



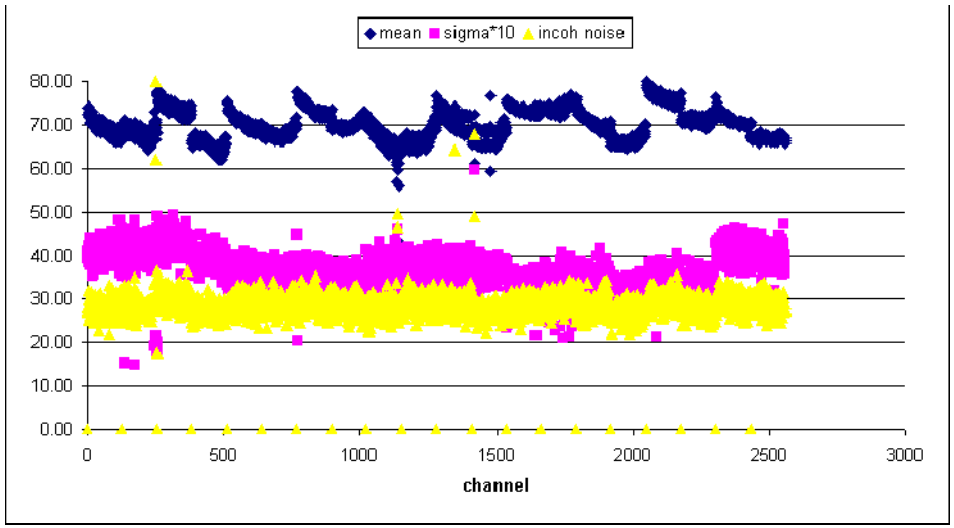
sensor not glued

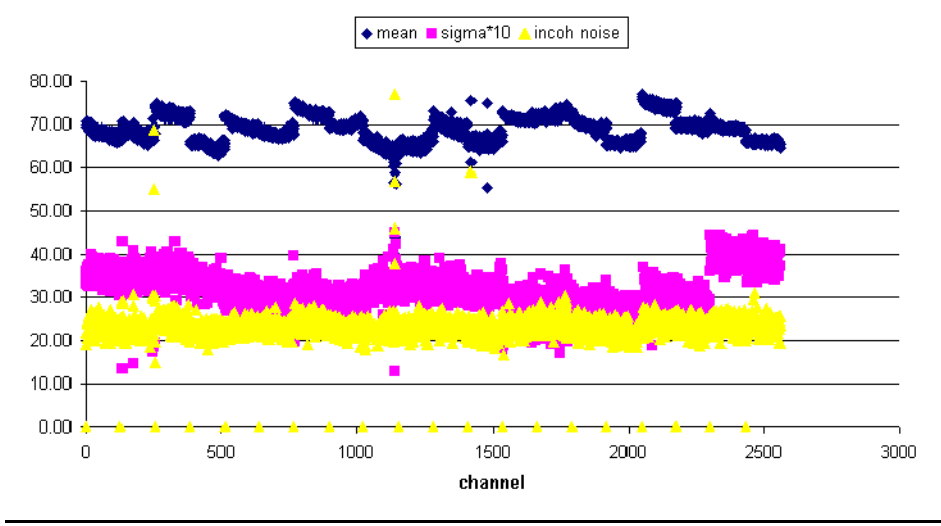
- Single point ground at Hybrid does not work well
- One power supply for the isolated ground, resulting in probably ground loop → need separate power supply



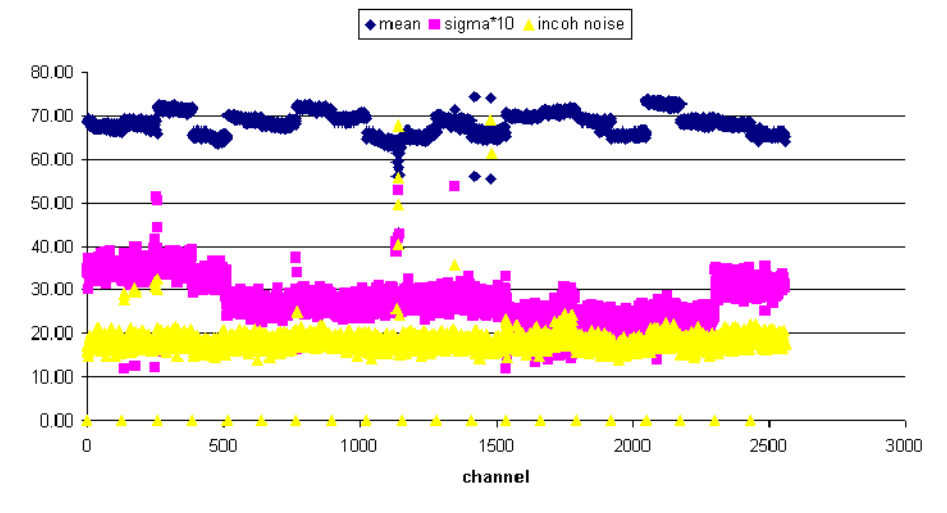
sensor glued

Different Band Width





- Position dependence?



To do list

- Investigate the source of the increased coherent noise
  - Two power supplies for the isolated ground at AC to avoid ground loop
  - check the position dependence
- We don't know the gain yet
  - need to know the cal_inject voltage