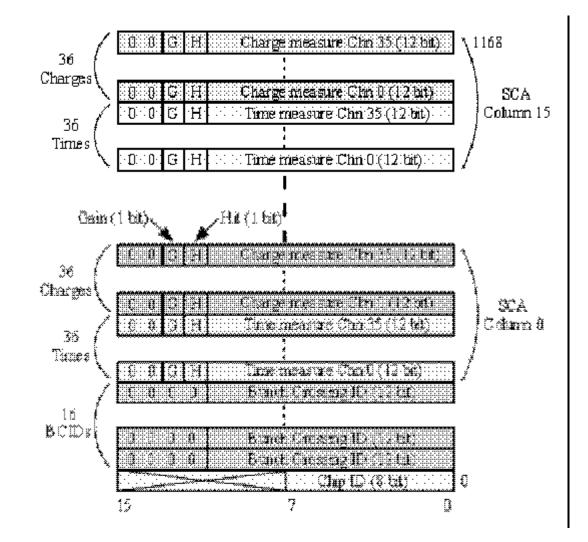
SPIROC2 measurements

Thibault Frisson (LAL)

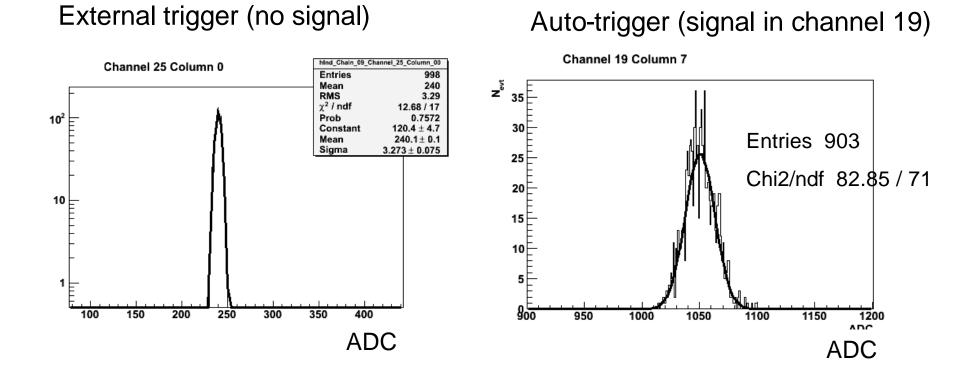
Stéphane Callier, Christophe de La Taille, Roman Poeschl, Ludovic Raux, Nathalie Seguin Moreau

SPIROC 2B (Analog HCAL)

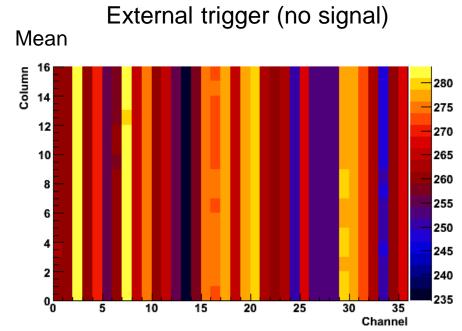
- external trigger or auto-trigger (signal)
- Bi-gain (autogain)
- buffer size:16 (columns)
- 2×36 channels
 - Charges/Times
 - > High/Low gain



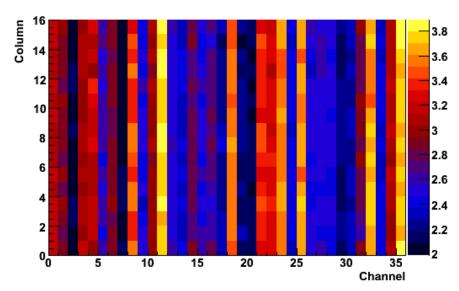
Some histos



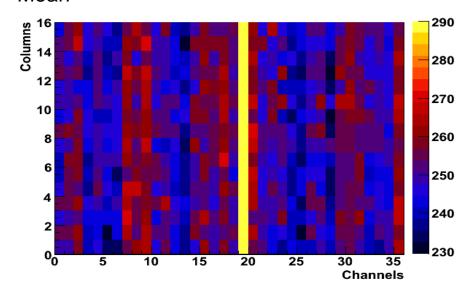
Summary

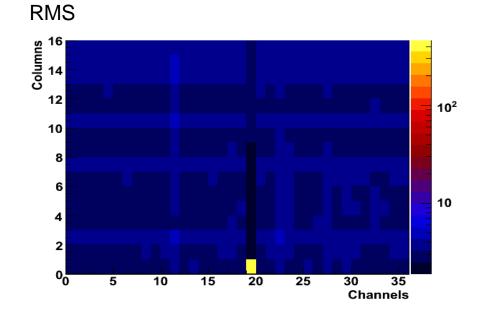


RMS

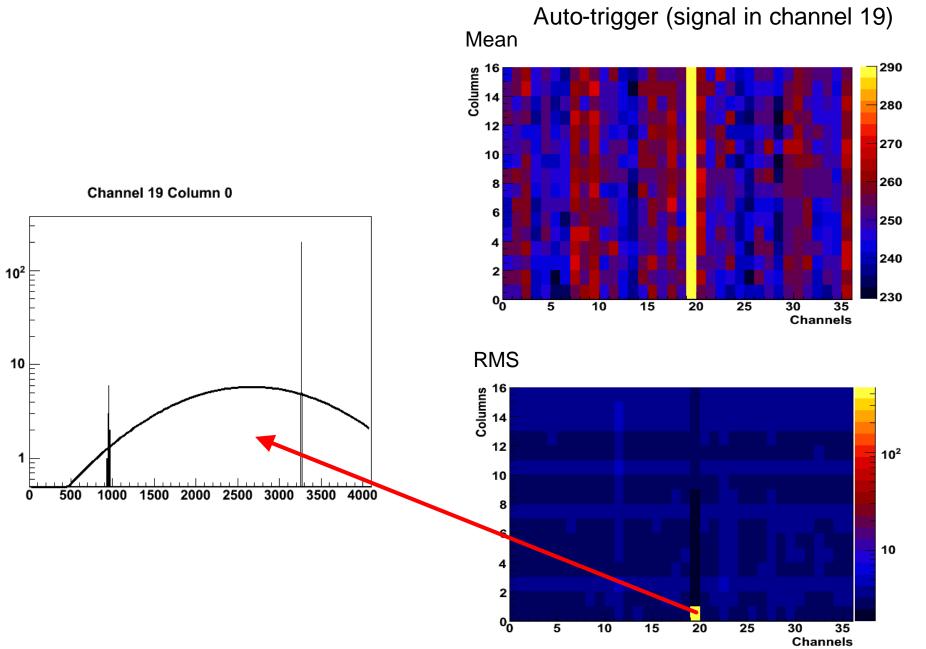


Auto-trigger (signal in channel 19) Mean

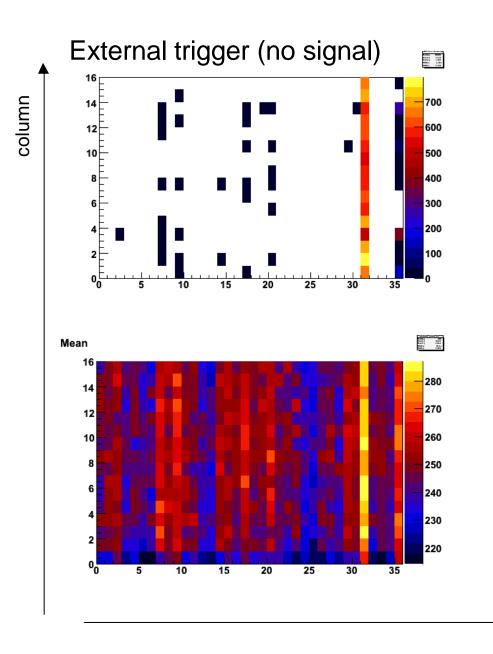




Summary

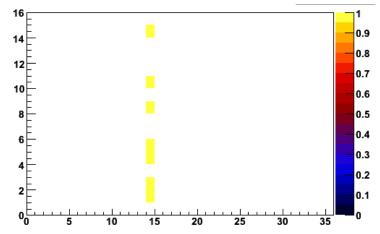


Zeros (December)



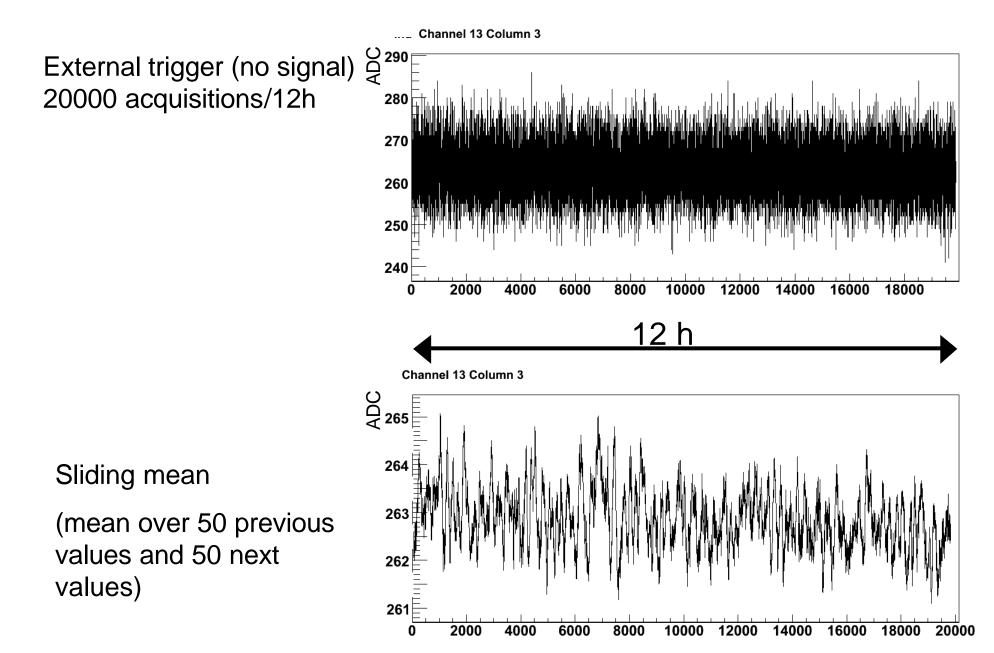
Random zeros in the channel with higher value

Auto-trigger (signal in channel 14)

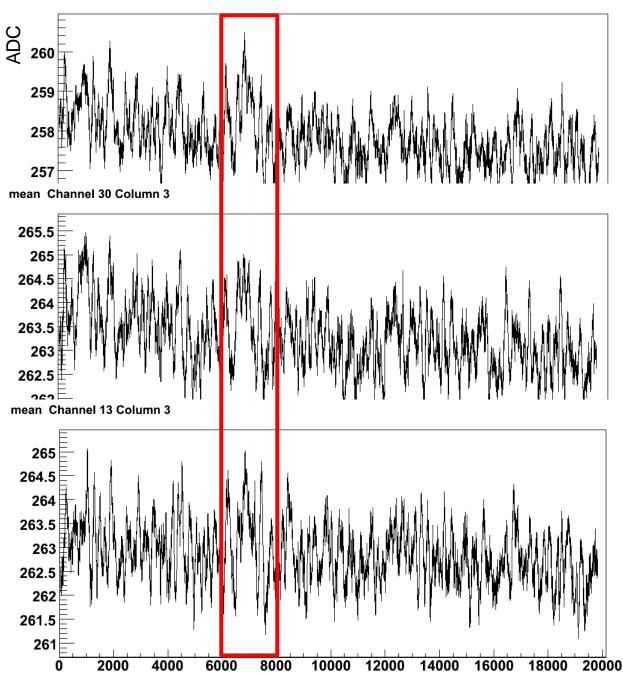


If zero appears in an acquisition, the column is suppressed.

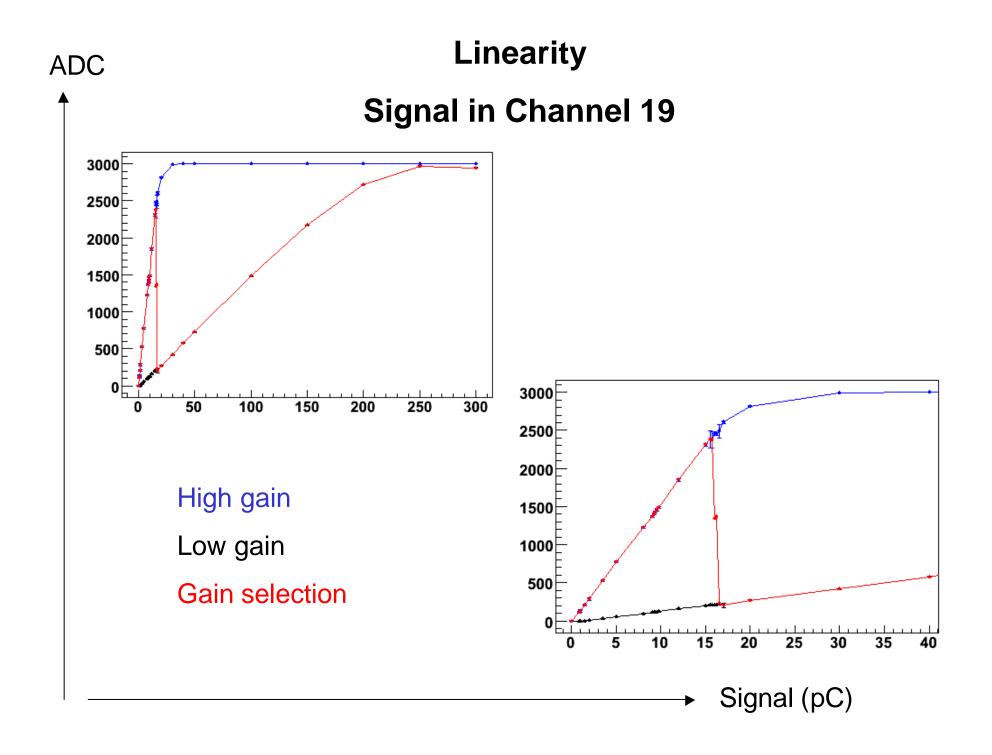
Stability



Same column

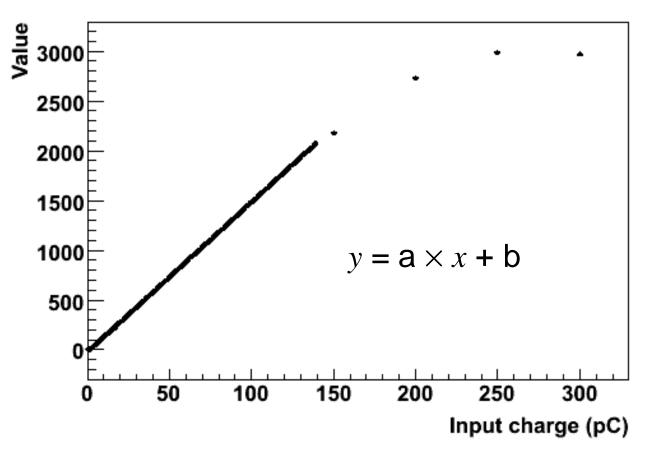


mean Channel 21 Column 3

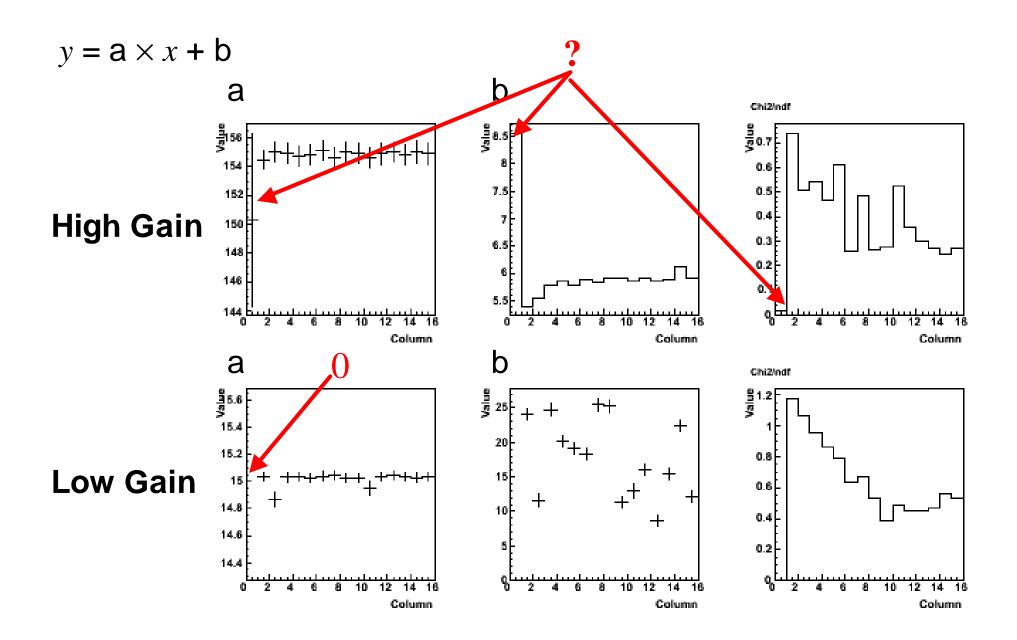


Linearity

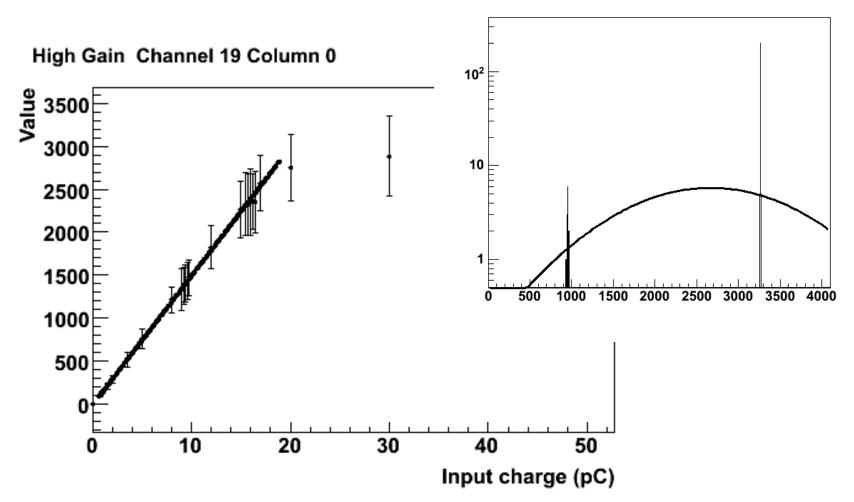




Linearity



Linearity



Ind Chain 1 Channel 19 Column 0

Work in progress....

Thanks for your attention