Noise Measurements

What I'm doing

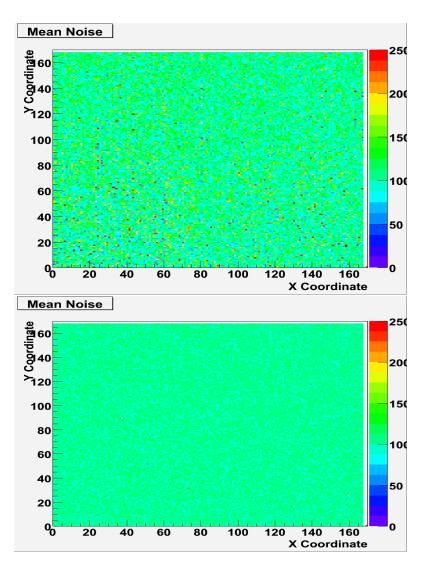
Scan pixels for noise

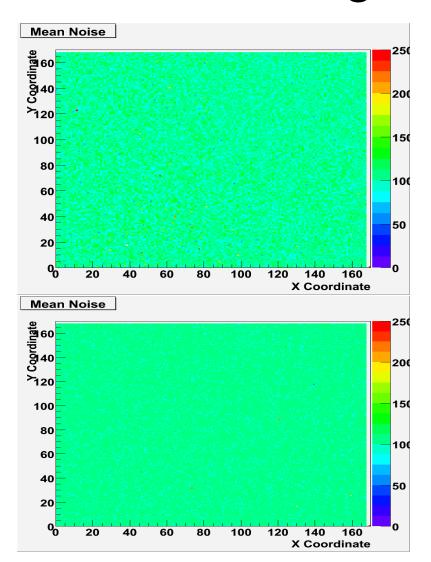
Make rootfiles of scans

Fit gaussians to noise

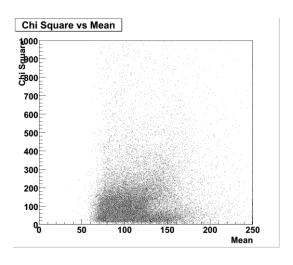
Make noise maps

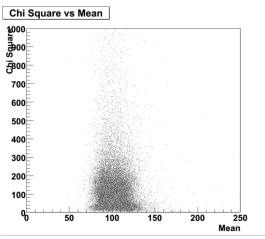
Sensor 33 at different trim settings

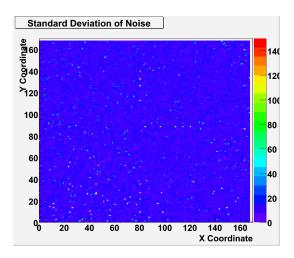


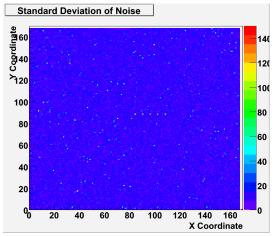


Other statistics

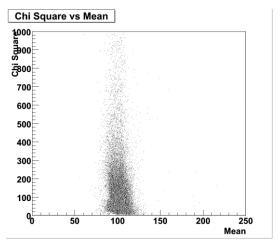


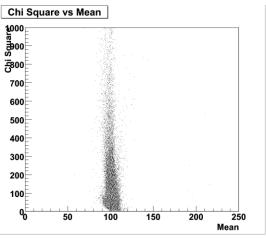


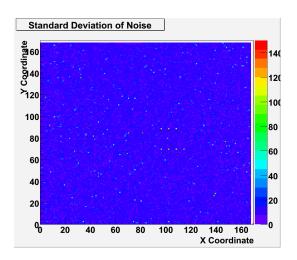


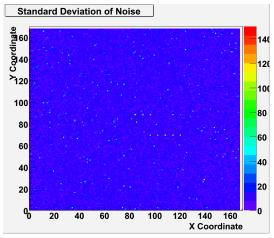


Other statistics



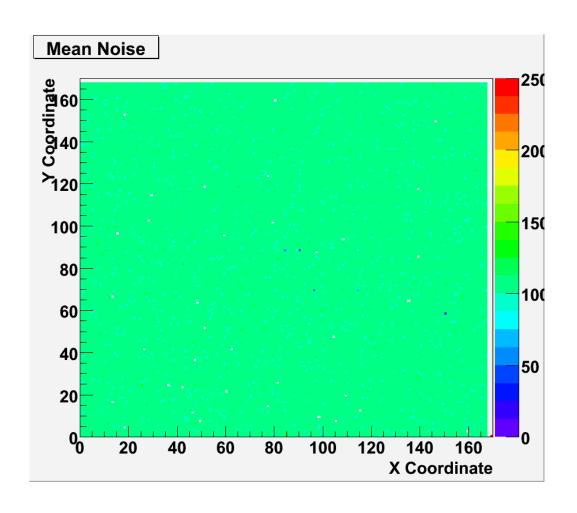




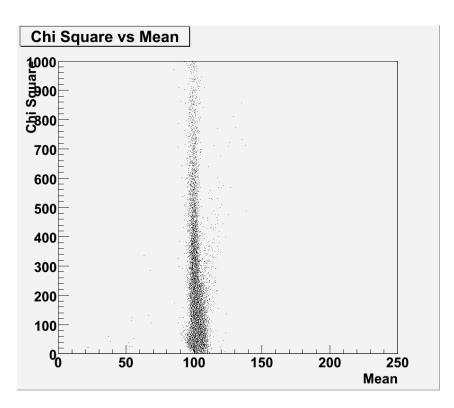


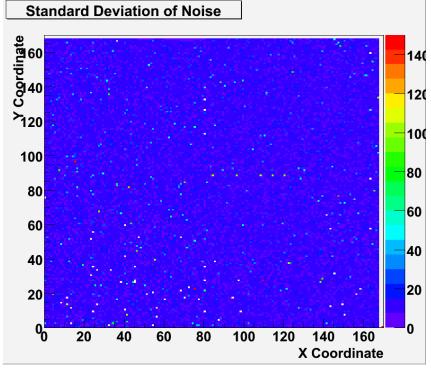
Sensor 33 trimmed

 Mean of mean noise 102.64.



Other statistics





What to do next

Scan other (trimmed) sensors

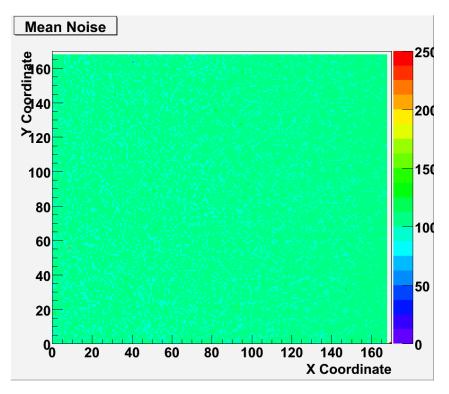
Compare sensors

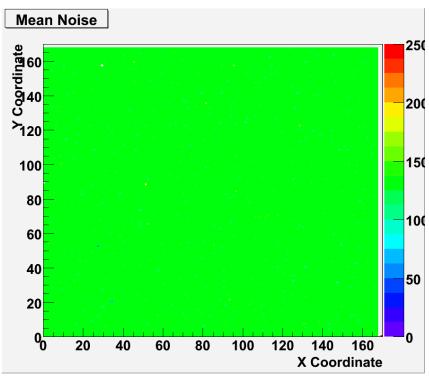
Scan at low temperatures

Sensor 47

Mean = 100.90

Mean = 125.58?!?!?





Sensor 47 take 2

• Mean = 100.35

Difference with 1st run
< 1%

Noise stable

