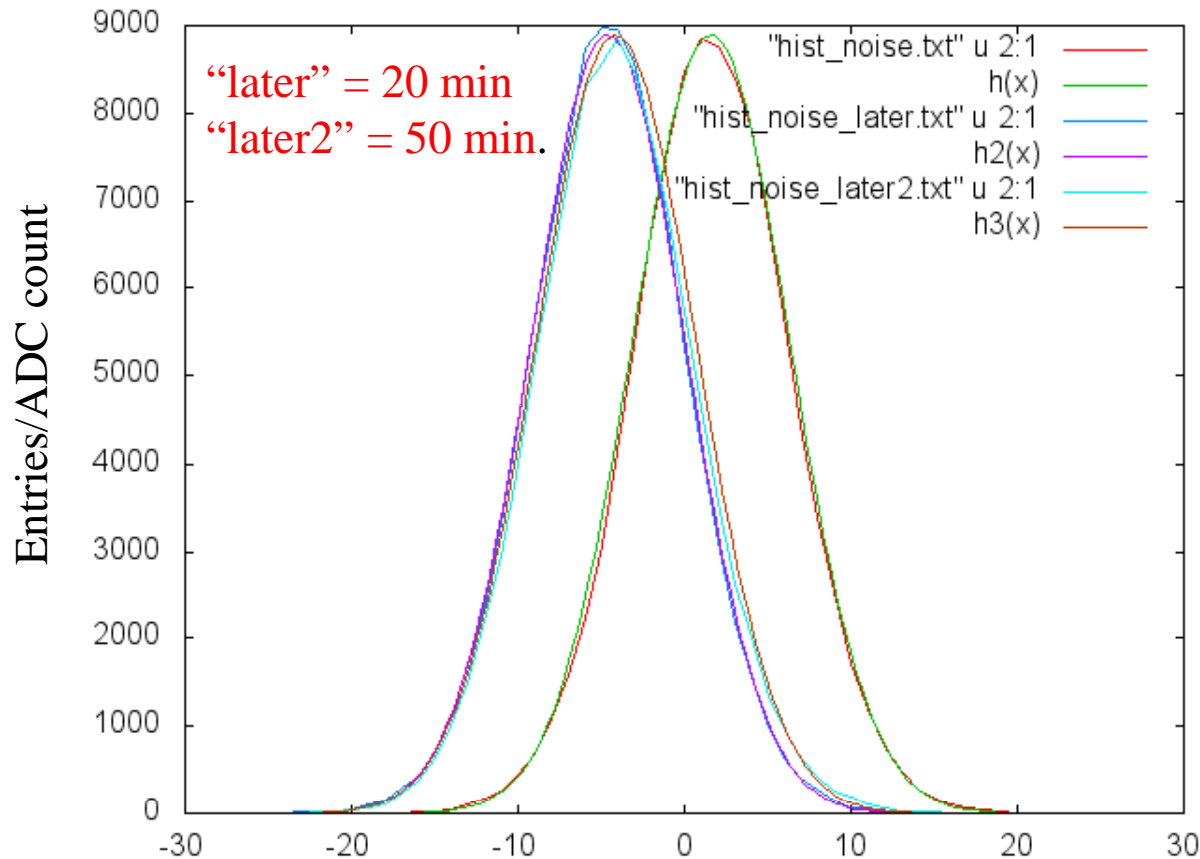
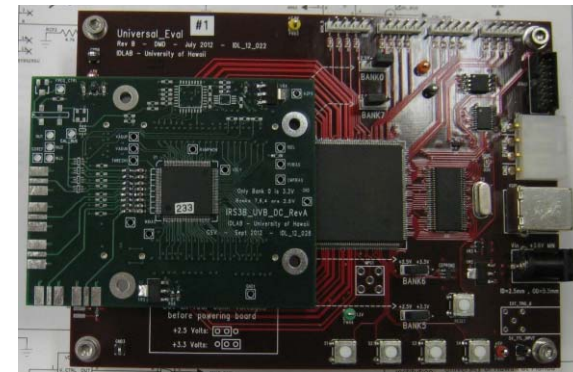


Noise measurement



No signal input, pedestal subtracted [ADC counts]

- Distributions very much match the Gaussian fits ($h_i(x)$)
- Vdly servo-locking off, so drift in mean position due to temperature change, but no “blow-up” as saw with IRS2 pedestals (need to check with Vdly feedback on)



Sets limit on overall noise and baseline jitter

- 100 events, 16x 64-sample windows
- RMS ~ 4.5 – 5 ADC counts
- Gain needs calibration (~mV level)