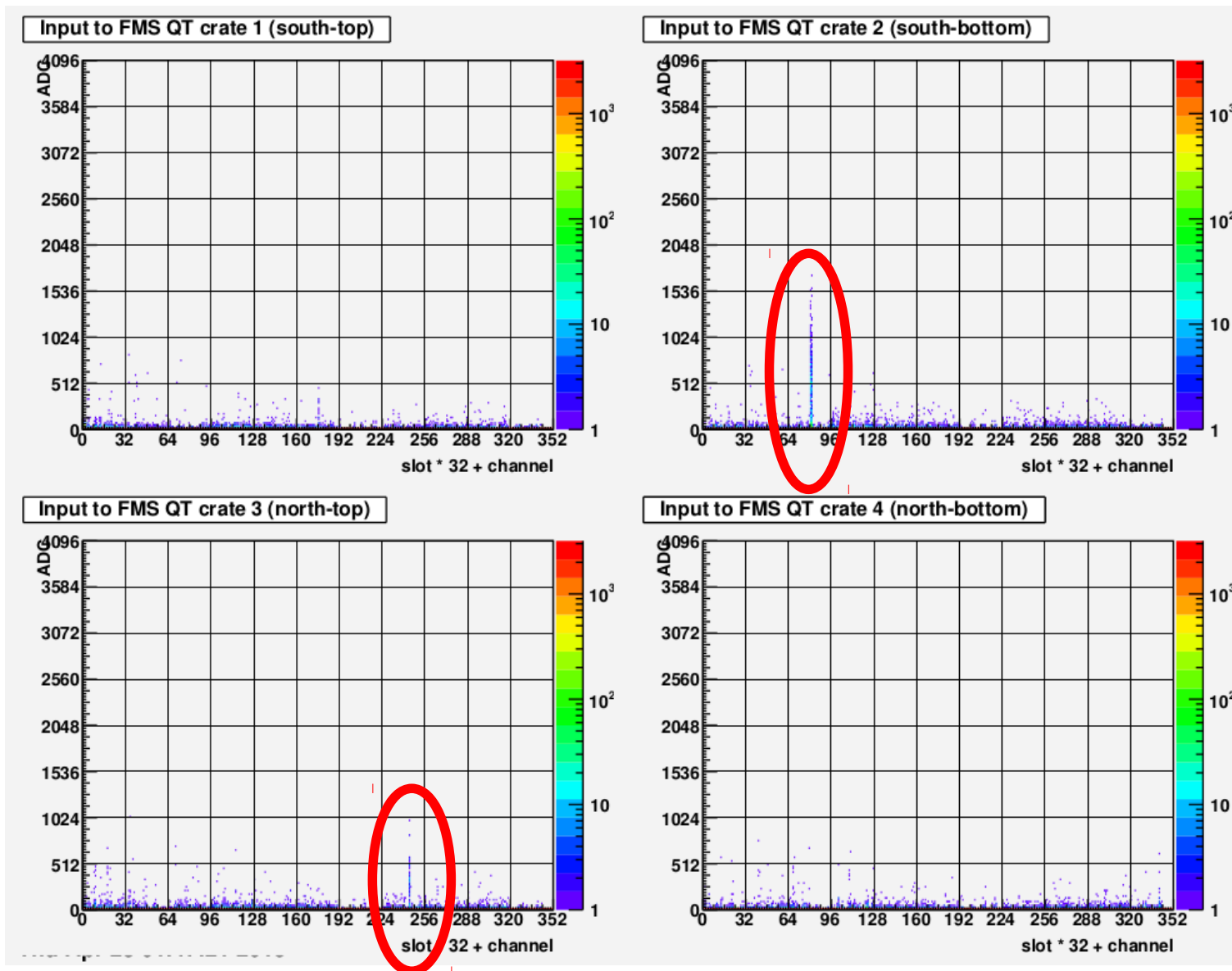


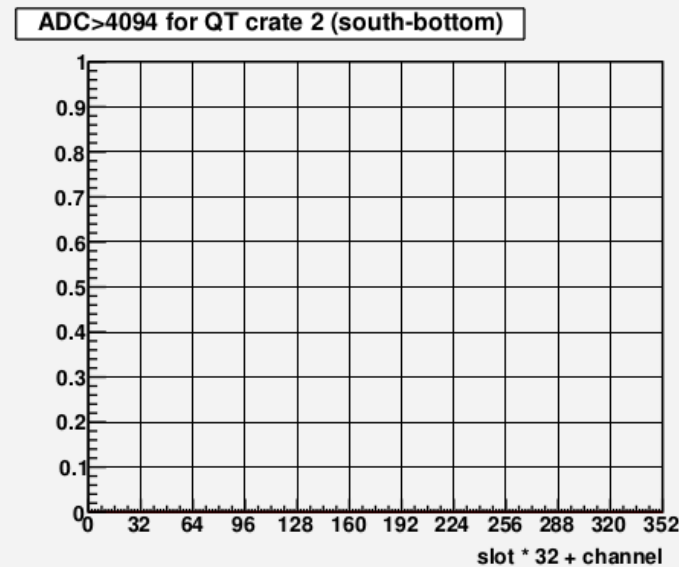
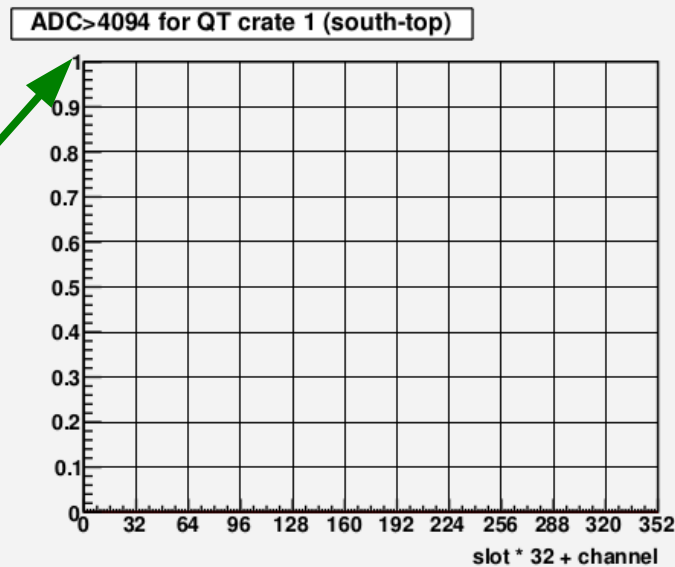
FMS – ADC Tab – ADC counts vs. channel

>>04/30/2015<<

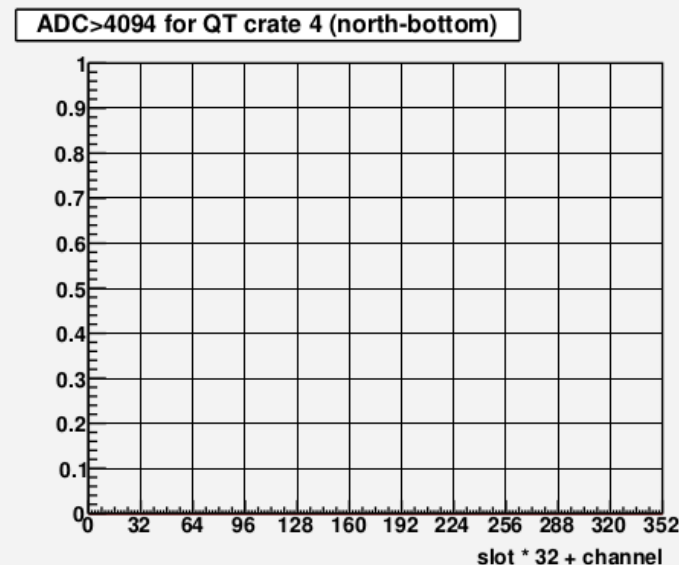
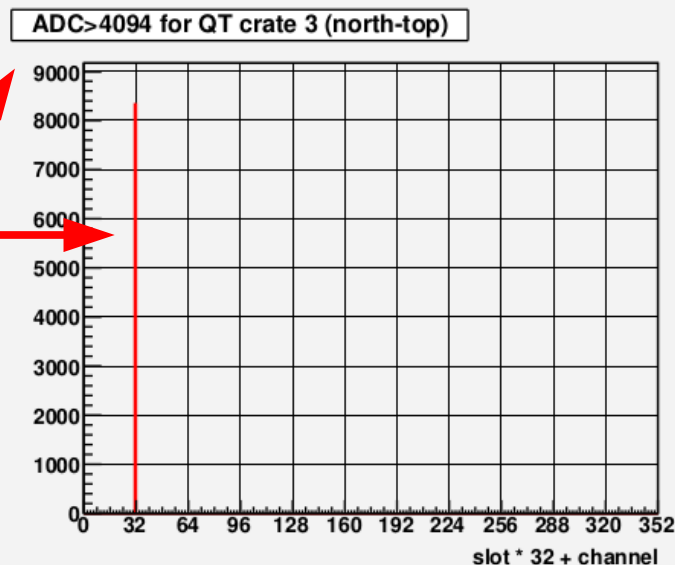


- ➔ Under normal operation, all four plots should look similar to the bottom right (QT crate 4) plot
 - No channels have anomalously high ADC counts
 - There is a constant horizontal red line along ADC=0 across mostly all channels
- ➔ Two example hot towers are circled in red:
 - Hot towers appear as ADC “spikes” in a channel (and can cause high FMS trigger DAQ rates)
 - Call an FMS expert any are seen, and they will work to suppress them

No entries,
scale = 1,
normal
operation



Critical spike
and scale
not =1



- **Normal operation:** nothing in these plots & all vertical scales should range from 0-1
- **Any red spikes indicate an ADC=0xFFF problem**
 - Call an FMS expert if this is seen