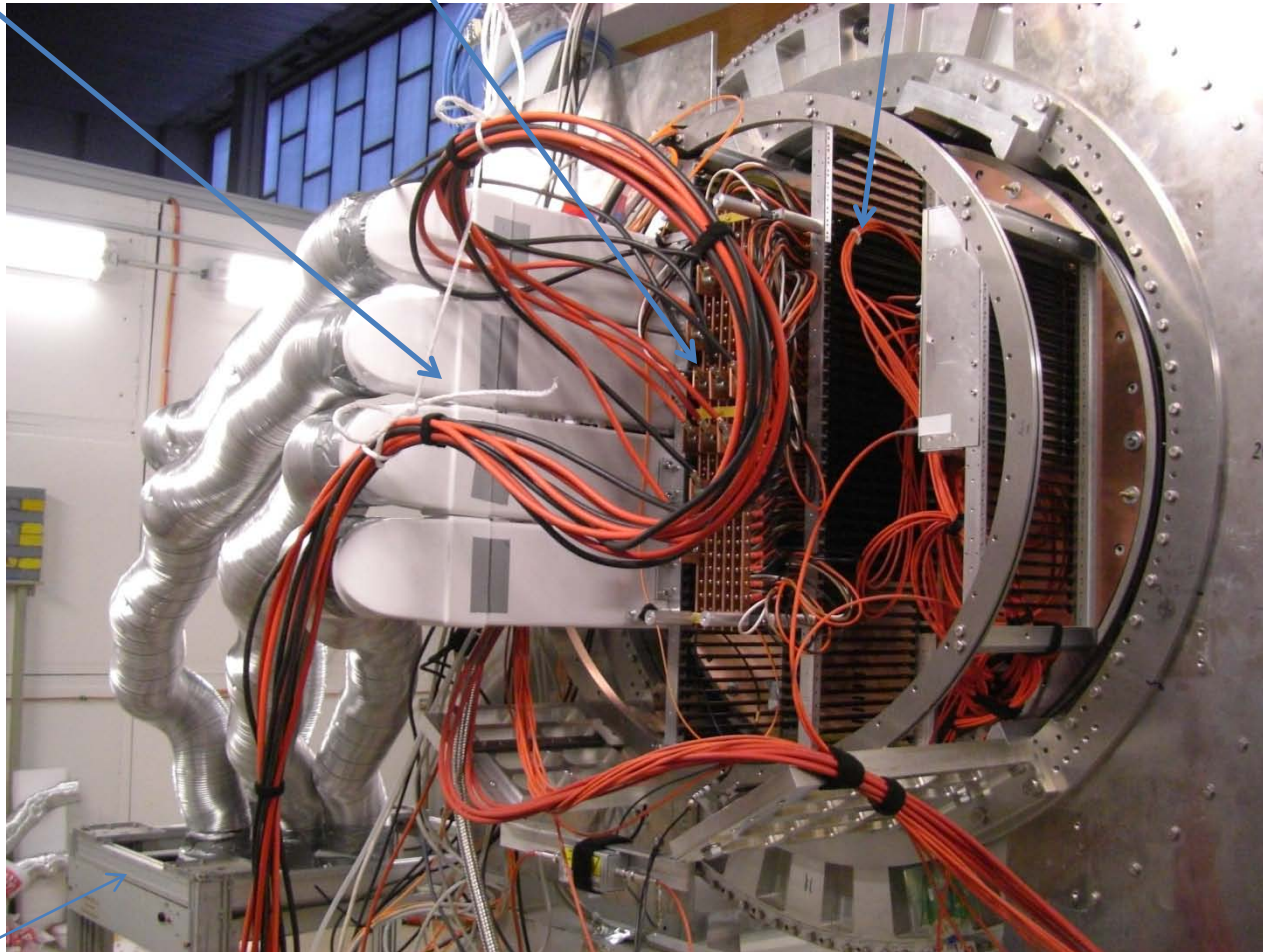


Rotatated for cosmics

Cooling system

Power

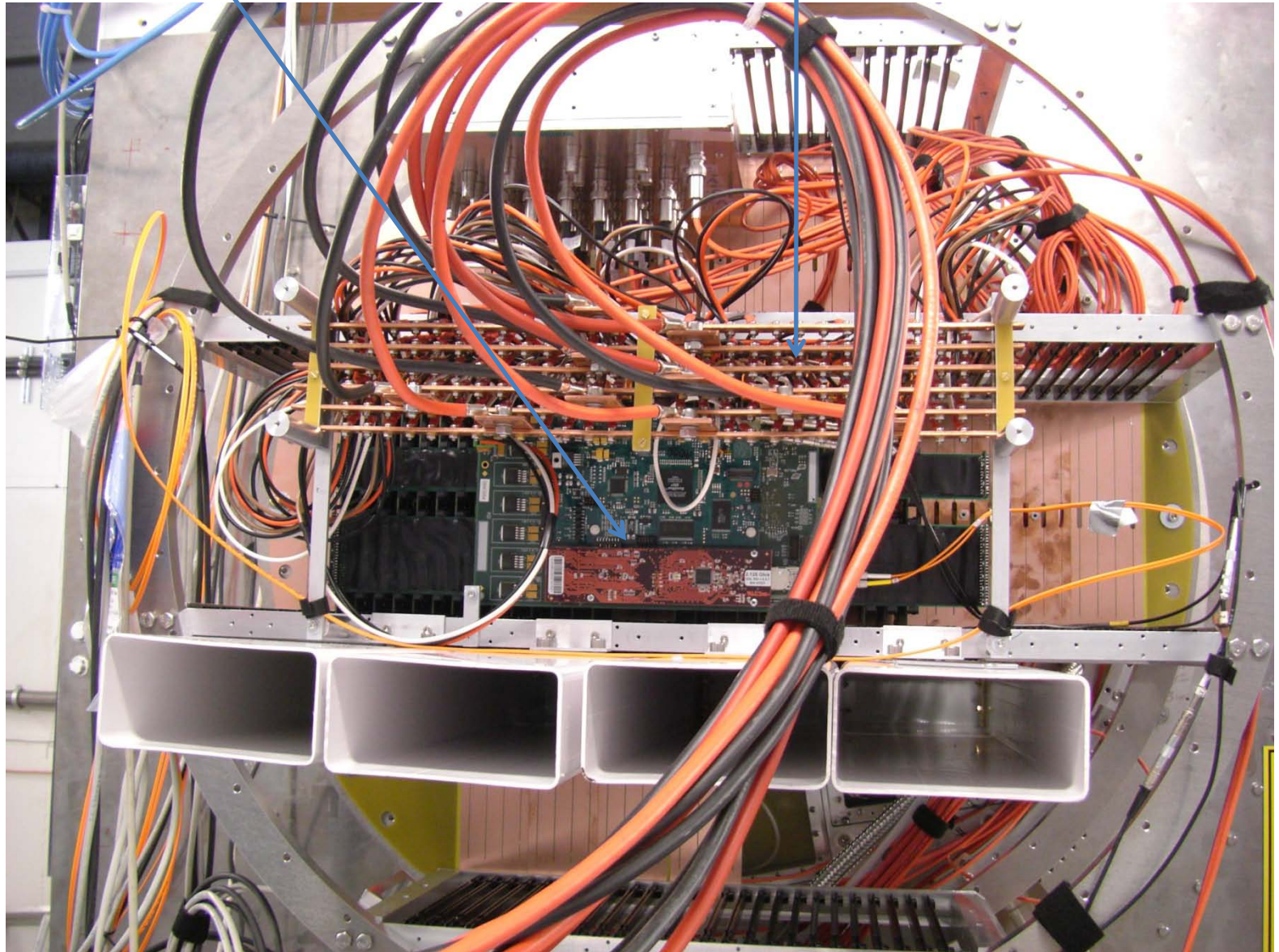
Electronics



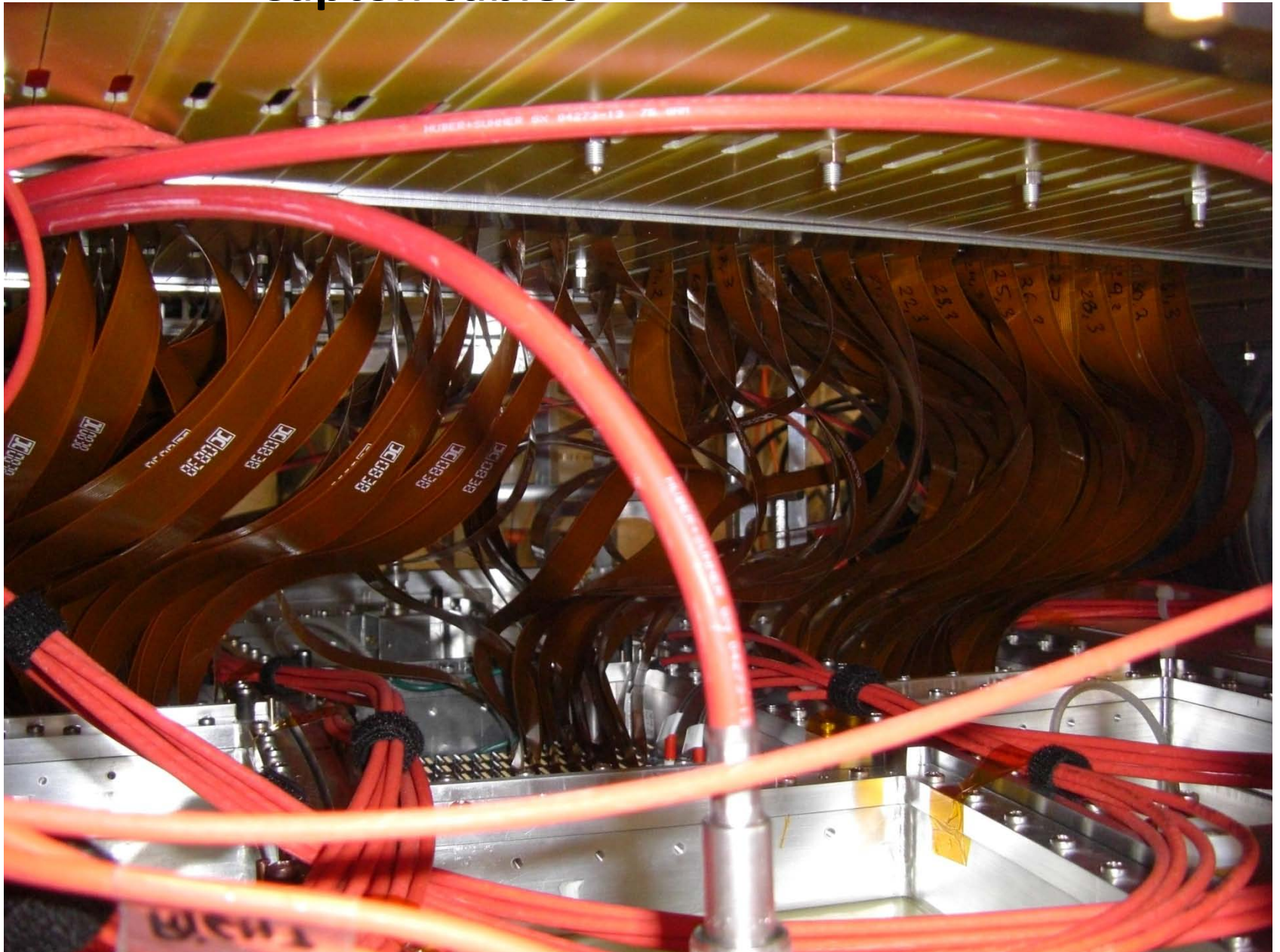
Fans – now at a location with less magnetic field

RCU

Power distribution



Capton cables



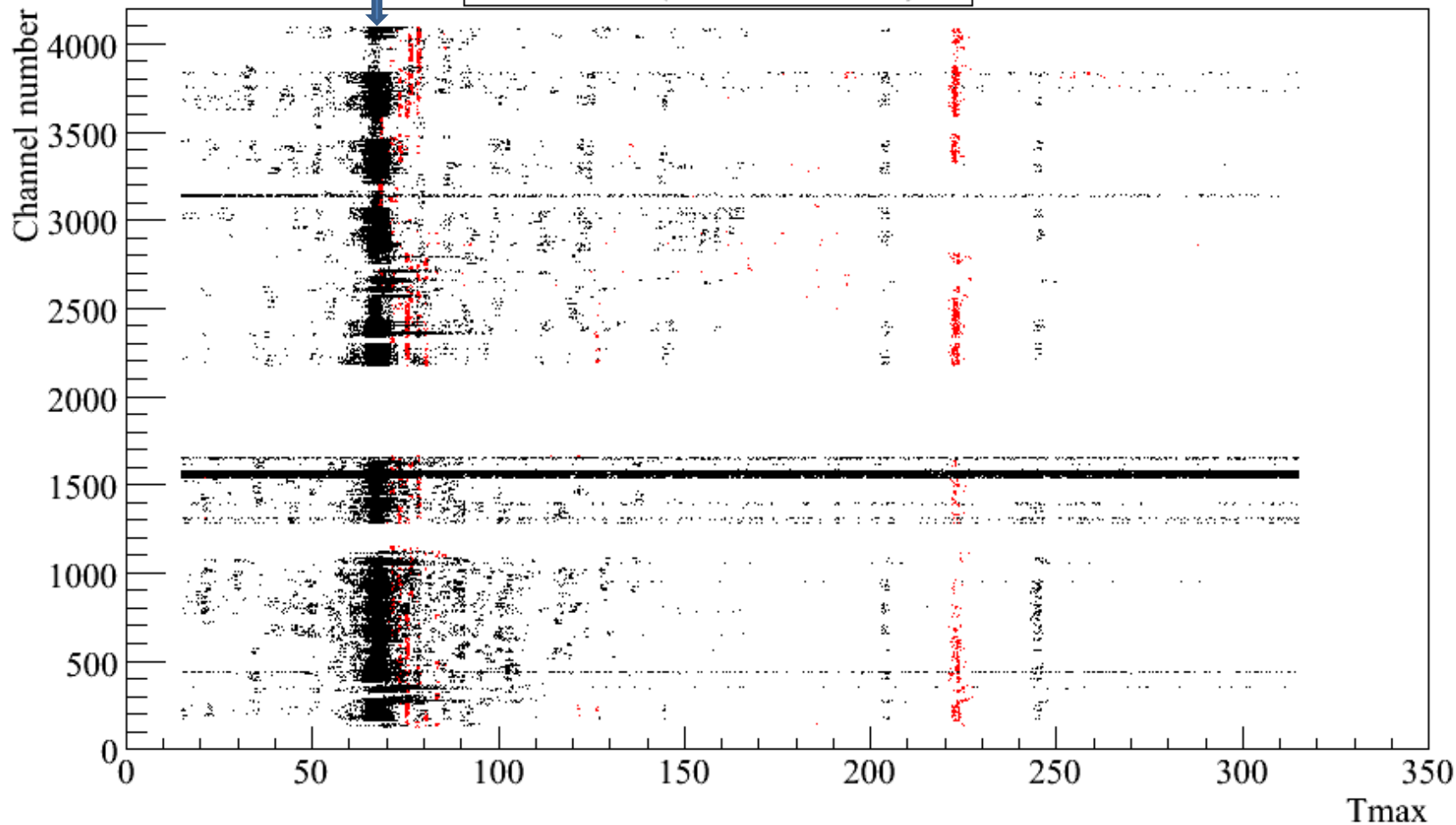
26 Front End Cards = 3328 channels, 20 MHz sampling

Y: Altro channel

Beam

run 6759 (event 673 in red)

1000 events



X: Timebin for each cluster

Red = strange event

Problems:

3% of all events corrupted due to problem with zerosuppression

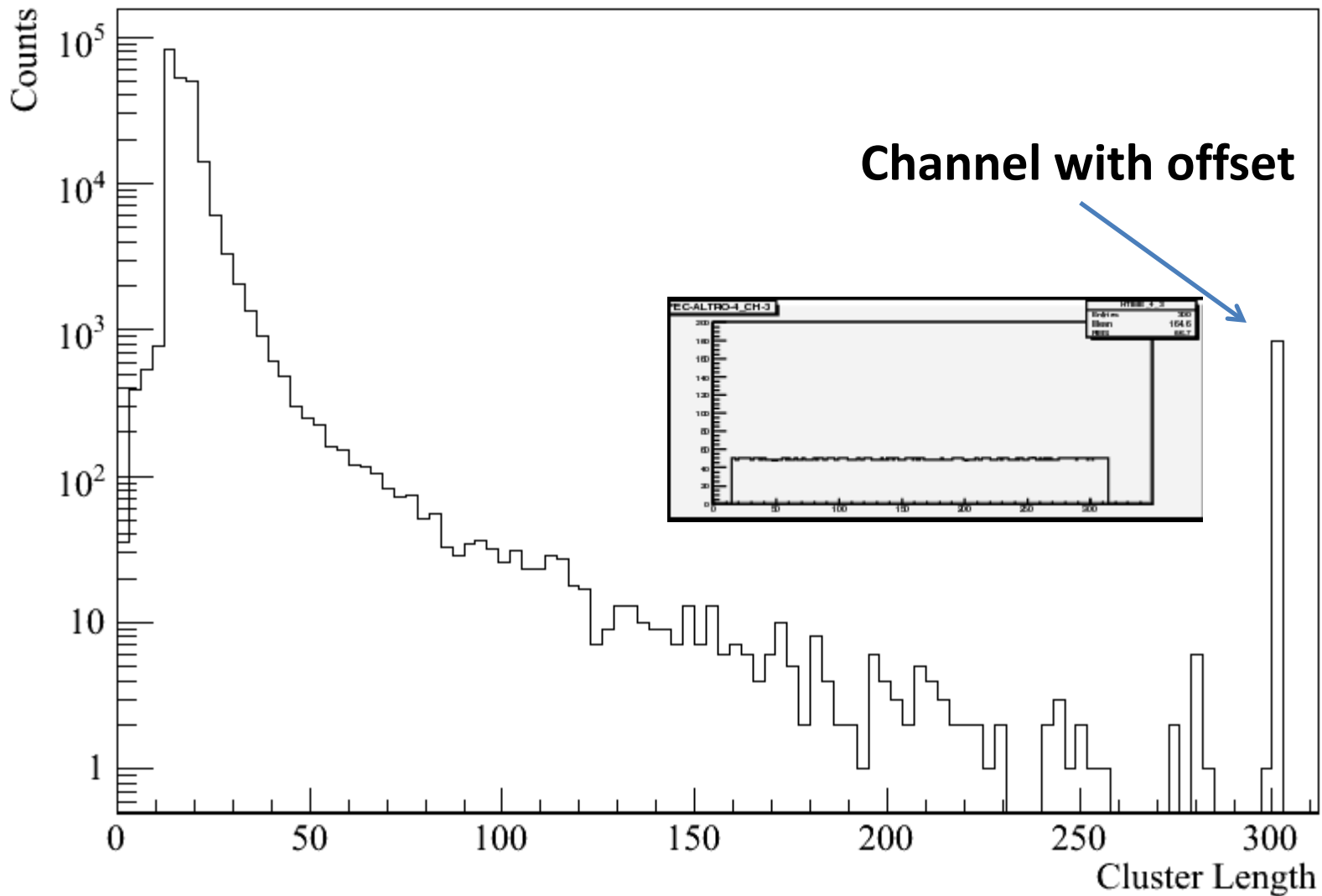
Depends on how hard it has to work

16 dead (1chip) channels

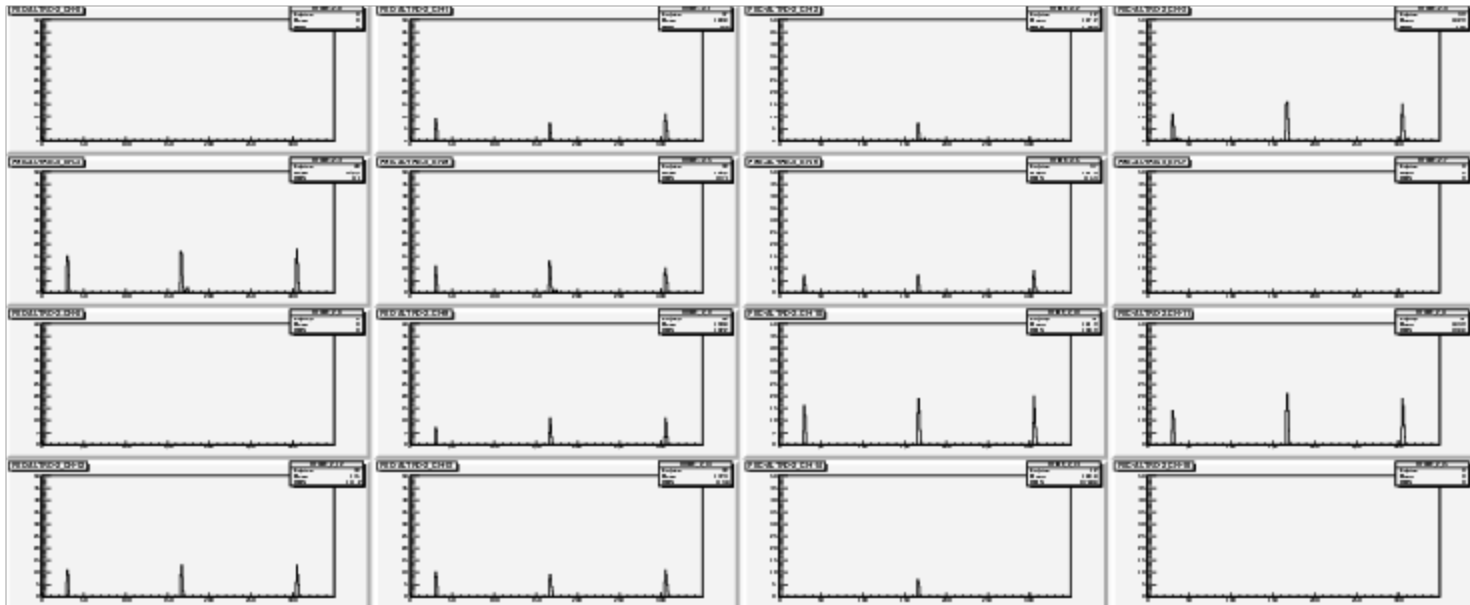
**1 channel has an offset of 12,50 ADC counts in every event
(same channel in run 6758/6759, another one in run 6756)**

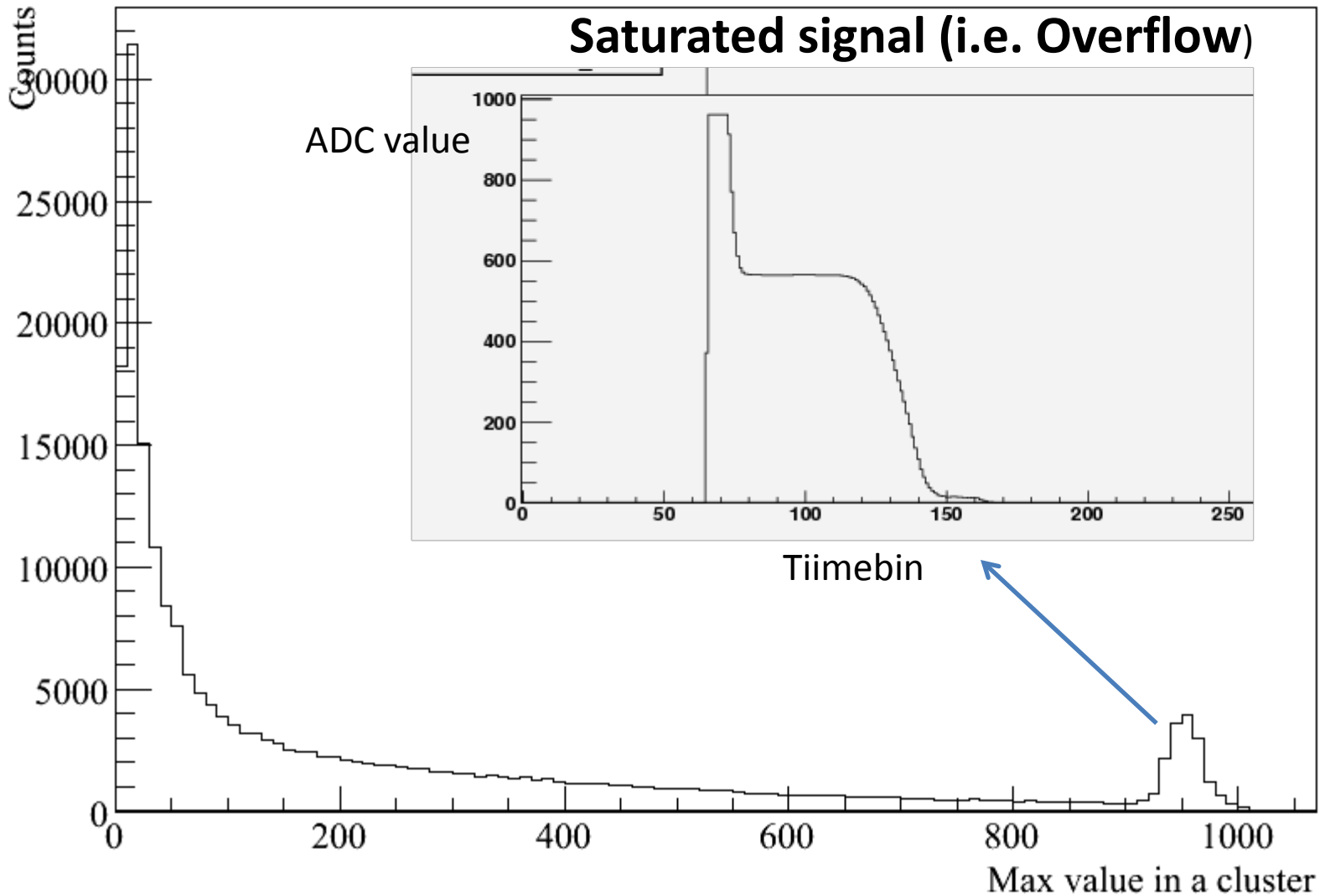
A few channels have noise, roughly 130 kHz.

Some channels saturate (gain=3)



**A few few channels (FEC=12) have noise, roughly 130 kHz.
Pickup by capton cable near HV cables?**





Zerosuppression problems may need further studies before producing remaining Front End Cards, my view.