

# BigBite DAQ status

- All the FastBus ROCs(1/2/3) can work fine  
/Need spare back cards expect the LA card
- Level translators are enough(11+spare) and all of them have been installed to the weldment  
/Still no power supply for them
- We have some good ADC and TDCs  
/Far from enough

# TDC Summary

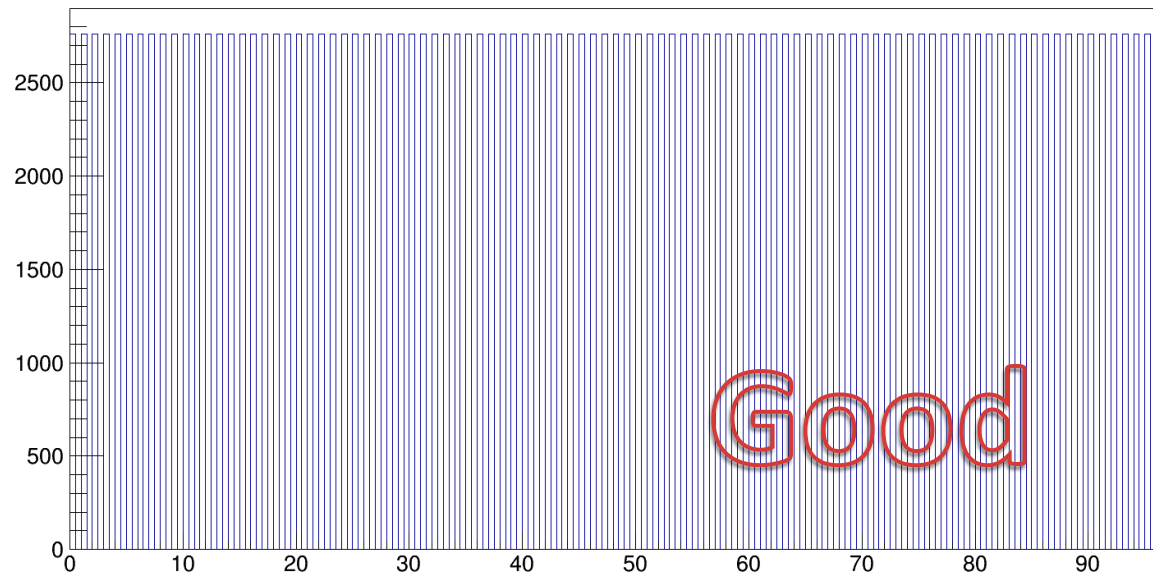
- BigBite needs 30 TDCs (include spare)
  - Model : Lecroy 1877
- Have tested 90 TDCs

TDC Testing Summary			
Good	Bad Fuses	Noisy peaks	Unknown electrical issues
20	18	27	25

- Still need 10 good TDCs and more untested TDCs in Physics' Storage

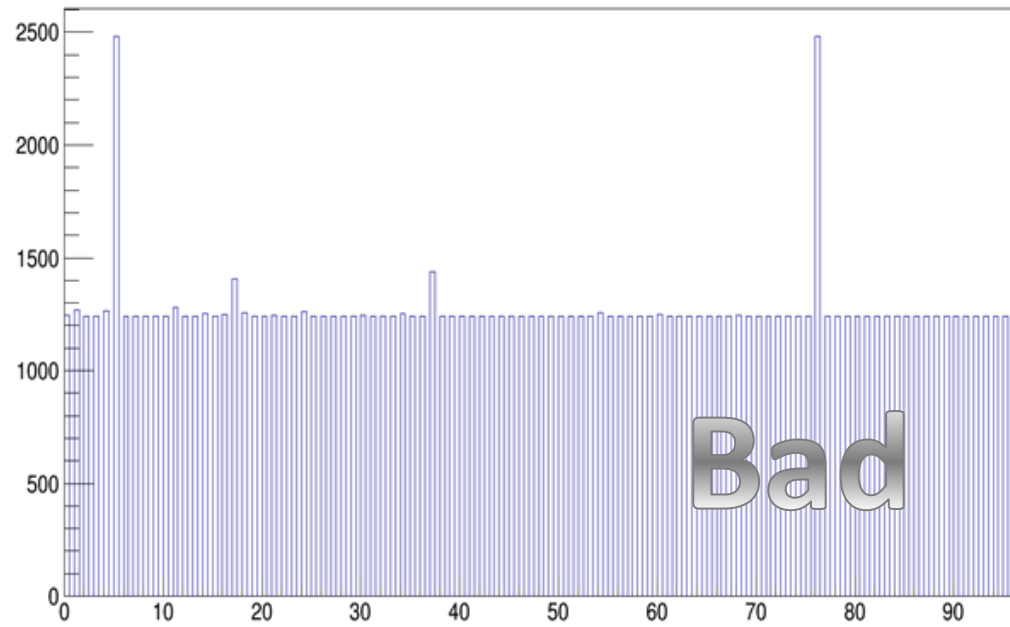
TDC hits per channel on slot 15

Hits	
Entries	265152
Mean	47.5
RMS	27.71



TDC hits per channel on slot 14

Hits	
Entries	119538
Mean	47.25
RMS	27.9

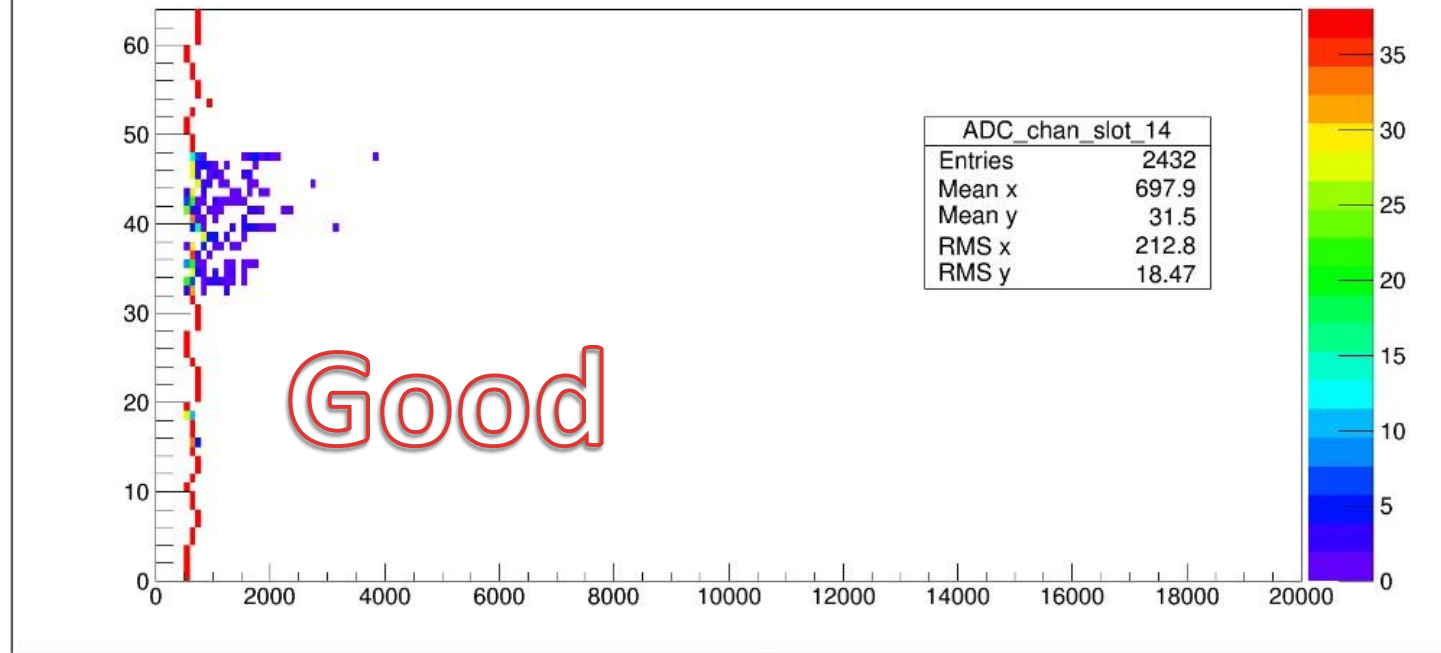


# ADC Summary

series No	ADC Test Result			
	Channel No			
	0-15	16-31	32-47	48-63
B54638	449	450	451	
	√	√	√	Ch63: pin is broken
B35449	452	453	454	455
	√	√	√	√
B35058	456/457	458	459	460
	ch11:×	ch31:×	√	√
B35579	493	494	495	496
	pedestals for ch16-63 are too big/ signal lower than pedestal			
B35505	472	473	474	475
	ch5,6,7 : ×	√	√	ch51: ?/ ch63: ×
B34979	476	478	479	480
	ch3: ×/ch4: ?	√	ch32: ×	ch63: ×
B54662	484	485	486	
	ch4: ?	ch20: ?/ch31: ×	√	ch60: pin is broken
B35057	487	488	491	492
	ch32-47: no pedestal/ cross talk between group 1&2 and group3&4			

- 8 ADCs we need(include 2 spare)
- 8 ADCs(1881M) have been tested but only one of them works well
- Have no idea where to find more

ADC data on all channels of slot 14



ADC data on all channels of slot 14

