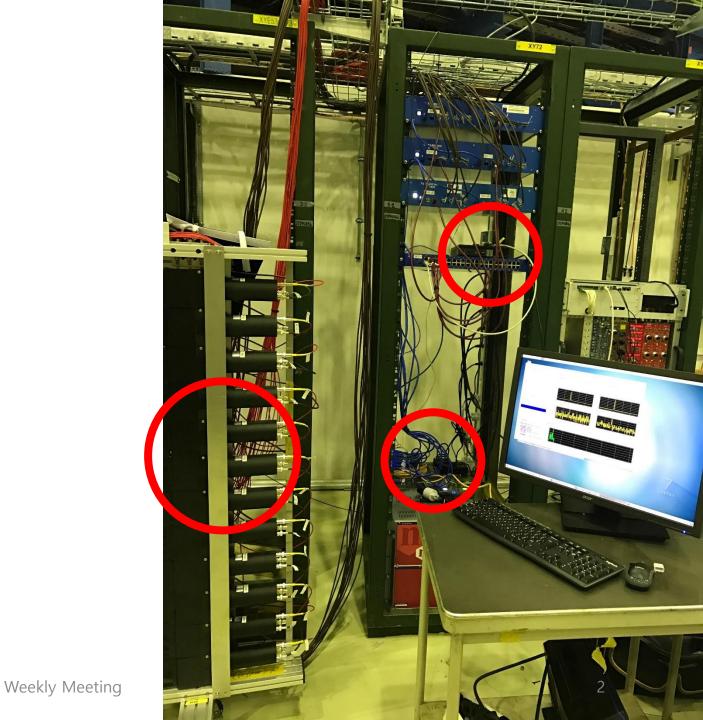
20170831 STATUS REPORT

Ahram lee

TOF Status Small changes

- 1. DAQ software has been re-installed Data starts from #1, again
- 2. Guard bar for a TOF support Support assembly is completed
- 3. DAQPC is on TCB USB hub, LAN hub are on HV crate For making a table movable



TOF Status Monitoring histogram : /home/arlee/arleeDAQ

Hit info – Occupancy, the counter hit



TOF Status Monitoring histogram : /home/arlee/arleeDAQ

FADC# - Charge(each Bar), waveform(each Channel)

					GBAR	Run Control								- 0	
un Configuration		Online Display													
Shift arlee			trigger number:	67459		trigger time(5): 2240	0.273		refres	sh[1~60 s] 1	×		Pause	
Run Type test	 ♥	Hit Info FADC1 FADC2	FADC3 FADC4	FADC5 FADC6											
un Desc (6bar)		charge_Bar9					waveform_	_Ch17			waveform_Ch18				
NEvent 0	<u> </u>	1,400 - 1,200 -			400 - 350 -		Å			600 550					
Time 0		1,000 800 600			300					450					
Load (Configuration	400			250 -					600 550 4500 4500 350 300 300 250 200 200 150					
	C.config loaded	1,000	2,000 3,000	4.000 5.000	150 -	100	200	300	400	150 -	100	200	300	400	
			charge_Bar				waveform					wavefor			
	t & Config	1,200 - 1,000 - 800 - 400 - 400 -			204					185 - 184 - 183 - 182 - 181 - 180 -	,			ร _{า 1} 1แสด (กรุงสุด (กรุง	
E	nd Run	0		· · · · · · · · · · · · · · · · · · ·	200.5					179					
E	ixit Run	1.000	2.000 3.000	4,000 5,000		100	200	300	400		100	200	300	400	
		Trigger Monitor													
n Summary		80 -					- FADCI	DAQ							
Run Number: 00 DAQ State: Ru DAQ Time: 00 Start Time: 20 End Time:	nning ::13:20 17-08-30 12:31:44	10 hu and a set a [Hz]						<u> </u>				~~~M~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
NFADCDAQ :	67460 [3.3 3.0 Hz]		06:05:00	06:0	06:40		06:08:20 Time [hh:mi	m:ss]	06:10:0	00		06:11:40		06:1	

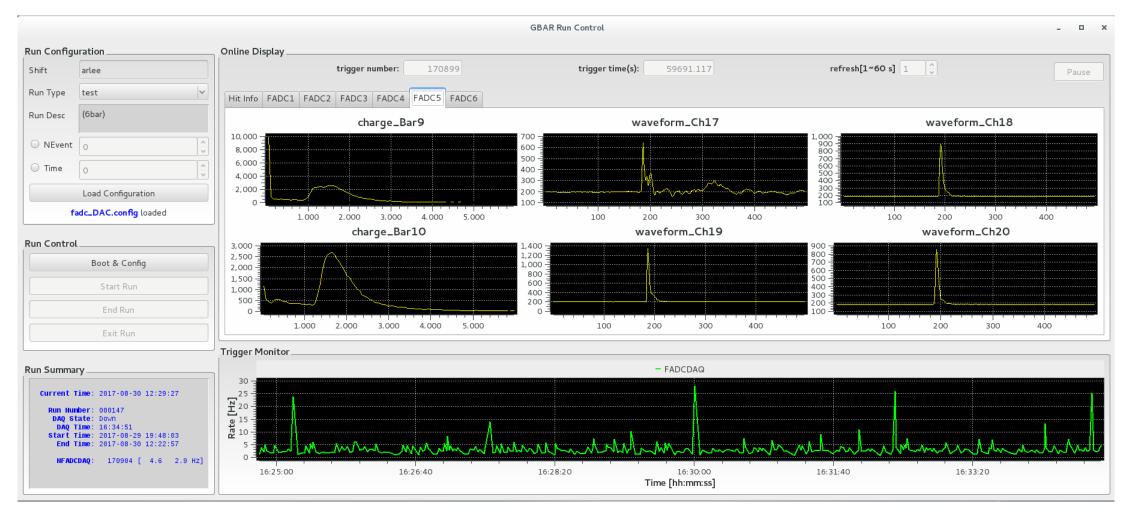
#142 : unusual shape and lower gain waveform in Ch18,

					GBAR Ru	n Control								- 0
un Configu	iration	Online Display												
Shift	arlee		trigger number:	543		trigger time	(s):	160.959		refrest	[1~60 s] 1	~		Pause
Run Type	test	Hit Info FADC1 FADC2	2 FADC3 FADC4 FAD	C5 FADC6										
lun Desc	(6bar)	charge_Bar9 waveform_Ch17 wavefor						waveform	form_Ch18					
O NEvent	0	35 - 30 -			**** 800 - 700 -		6			700 - 600 -				
) Time	0	25 = 20 = 15 =			600 - 500 - 400 -					500 - 400 - 300 -				
	Load Configuration				300 - 200 - 100 -					200		/ hv^.,.	www.	
fa	dc_DAC.config loaded	1,000	2.000 3.000 4.0	00 5,000	100 -	100	200	300	400	0-	100	200	300	400
Run Control			charge_Bar10				waveform	n_Ch19				waveform	m_Ch2O	
	Boot & Config				800 - 700 - 600 -					1,400 - 1,200 - 1,000 - 800 -				
	Start Run		VM ,		500 - 400 - 300 -					600				
	End Run	E o			200 -					E o				
	Exit Run	1.000	2.000 3.000 4.0	000 5.000		100	200	300	400		100	200	300	400
		Trigger Monitor												
ın Summai	ΓΥ						- FAD	DCDAQ						
Current T	ime: 2017-08-29 18:32:15	60 - 50 -												
	ber: 000142 ate: Running	00 00 00 00 00 00 00 00 00 00 00 00 00		,										
DAQ T	ime: 00:02:40 ime: 2017-08-29 18:29:32	20 ate												
End T	ime:		mm	han										
NFADC	DAQ: 544 [4.0 3.4 H	z] 0-	00:01:40	1 1 1	00:03:20	1 1	00:05	:00	1 1	00:06:40	1 1	00:08:20	1 1	00:1
							Time [hh							

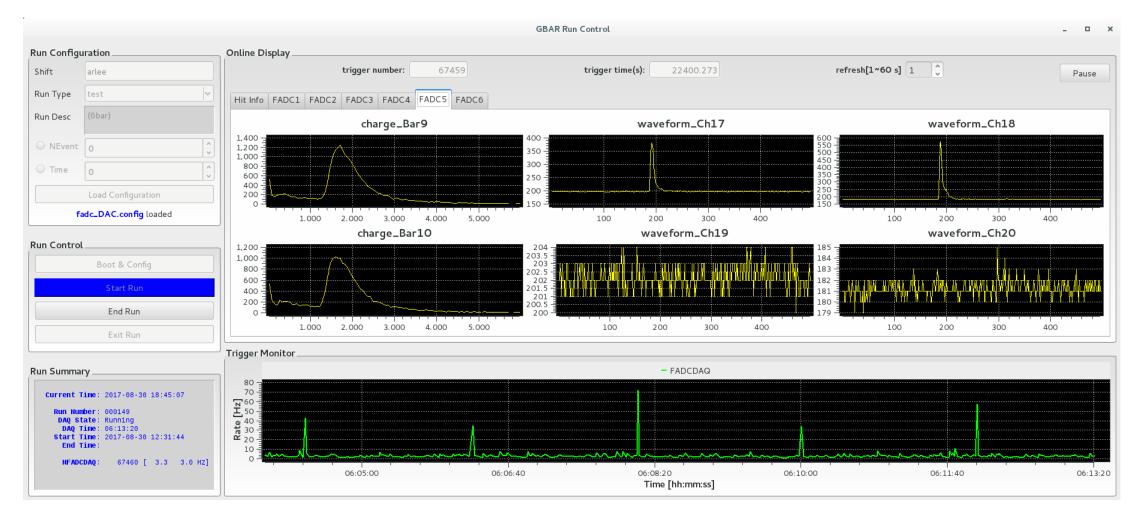
#147 : unusual shape and lower gain waveform in Ch1,



#147 : unusual shape and lower gain waveform in Ch17,



#149 : usual shape and gain waveform in every channel



#149 : usual shape and gain waveform in every channel



TOF Status Manual updated

CERN manual for new TOFmember TOF manual for all GBARmember TOF manual for TOFmember : intro/install/use/update/personal vers.

\\cern.ch\dfs\Experiments\GBAR\detection\TOF\

È	Name	Size	Attr	Last modified
<u>W</u> =	CERN Manual(new member).docx	17 KB	A	30-Aug-2017 18:54:00
2	CERN Manual(new TOFmember).pdf	106 KB	A	29-Aug-2017 16:57:22
<u>W</u> =	TOF Manual(all).docx	465 KB	A	30-Aug-2017 18:54:00
2	TOF Manual(all).pdf	335 KB	A	29-Aug-2017 17:21:10
<u>W</u> =	TOF Manual(TOFmember).docx	206 KB	А	30-Aug-2017 18:53:49
2	TOF Manual(TOFmember).pdf	390 KB	A	30-Aug-2017 18:53:49

CABLES summary For HV cables

Cables (04.31.51.750.1) SHV (09.41.25.100.1) Mounting 0.81 CHF/MT 16 CHF/PC 791.7 CHF

with ~ 74.7 CHF/PC without ~ 41.7 CHF/PC

For Signal cables

Cables (04.61.11.225.6) SMA (09.46.08.100.9) BNC (09.46.11.700.4) Mounting 0.86 CHF/MT 13.5 CHF/PC 16.5 CHF/PC 781.2 CHF

with ~ 72.9 CHF/PC without ~ 40.3 CHF/PC