

20170817 STATUS REPORT

Ahram lee

DAQ PC and cupsoft installation Status

SNU new Desktop

cupsoft 1.1.0 installed(arlee) – erased(jslee)

1.0.0 installed(jslee)

1.2.0 installed(jslee)

Confirmed that cupsoft(tcbdaq/DAQRC) and evrec worked in June.

CERN old laptop

cupsoft 1.1.0 installed(jslee)

1.2.0 tried but not successfully installed(arlee)

There is no problem of files in /home/cupsoft/

Since leear account was broken, made a new user account, arlee and tried to execeute.

First it didn't, but after copying /gbardaq, it works.

CERN new Desktop

cupsoft 1.2.0 installed(arlee) – erased(arlee)

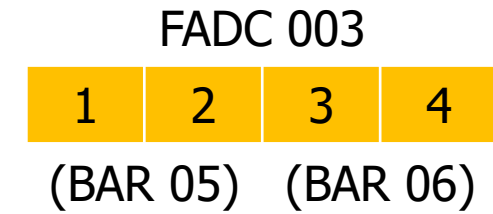
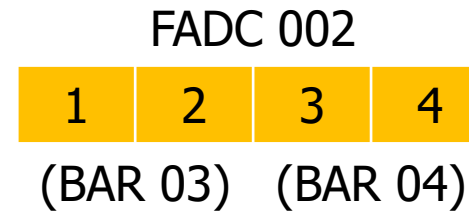
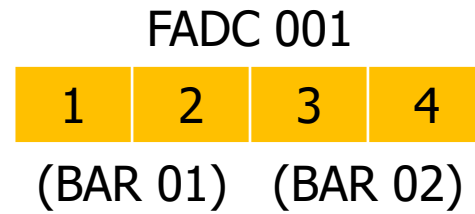
To check, tried to re-install cupsoft vers 1.0.0/1.1.0/1.2.0, but not succeed.

TOF Status

6bar test(#120)

Previous slide (08/03)

Module set :



Configuration : coincidence = 1x2x3x4
for each FADC

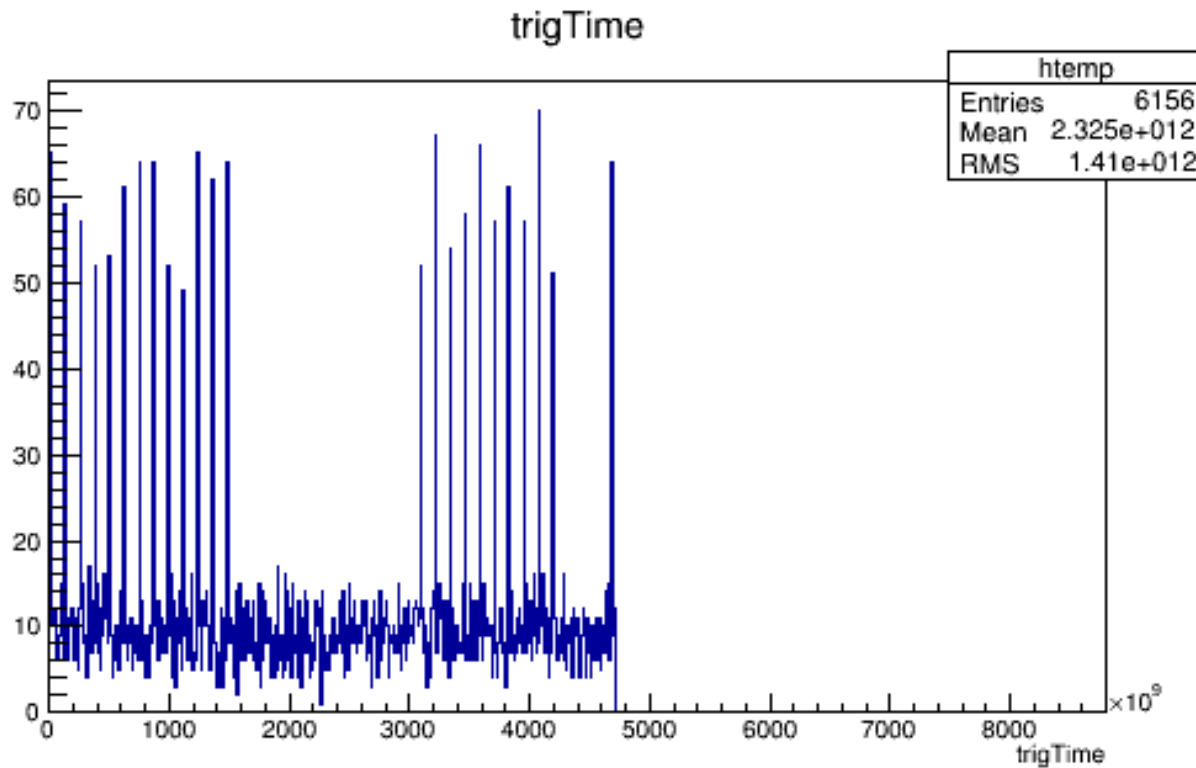
mthr=12

th=100[ch]

TOF Status

6bar test(#120)

Previous slide (08/03)

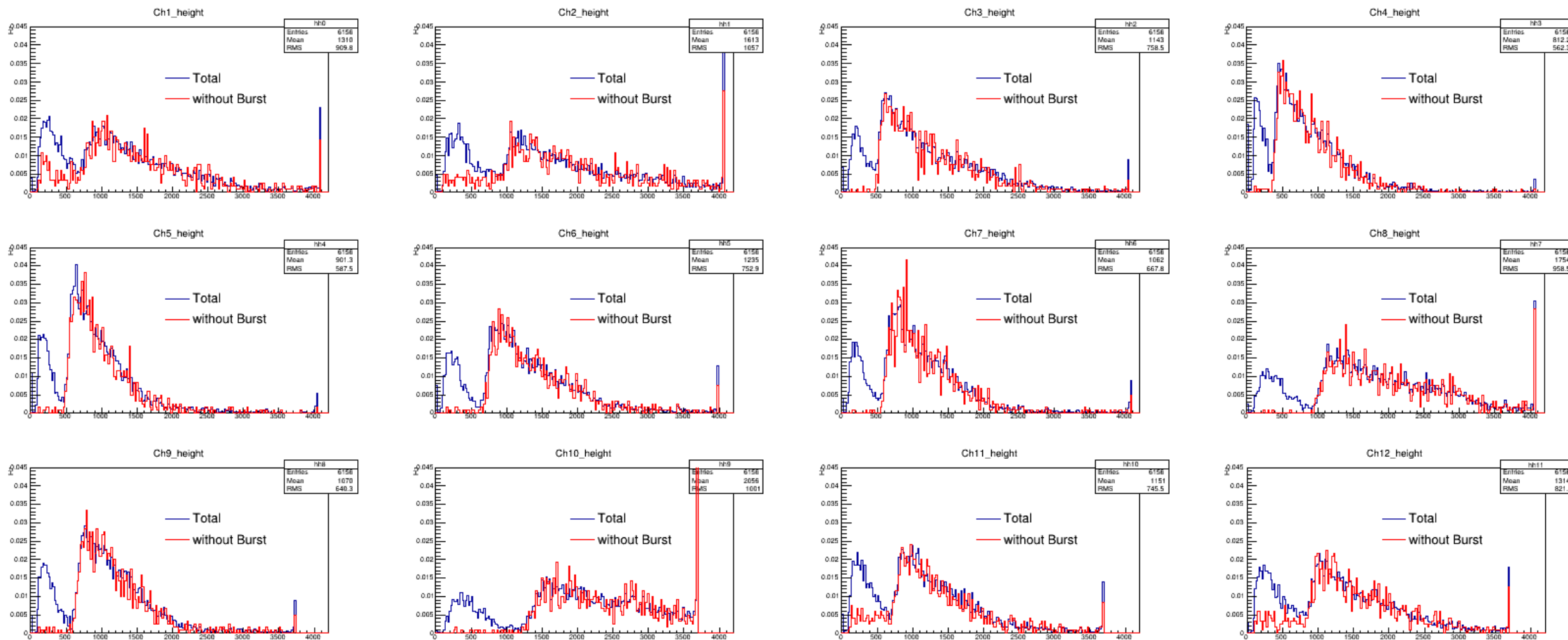


Although it's before gain adjustment,
It has both kinds of events,
with burst
without burst (1800 ~ 3100sec)

TOF Status

6bar test(#120) : Height histogram

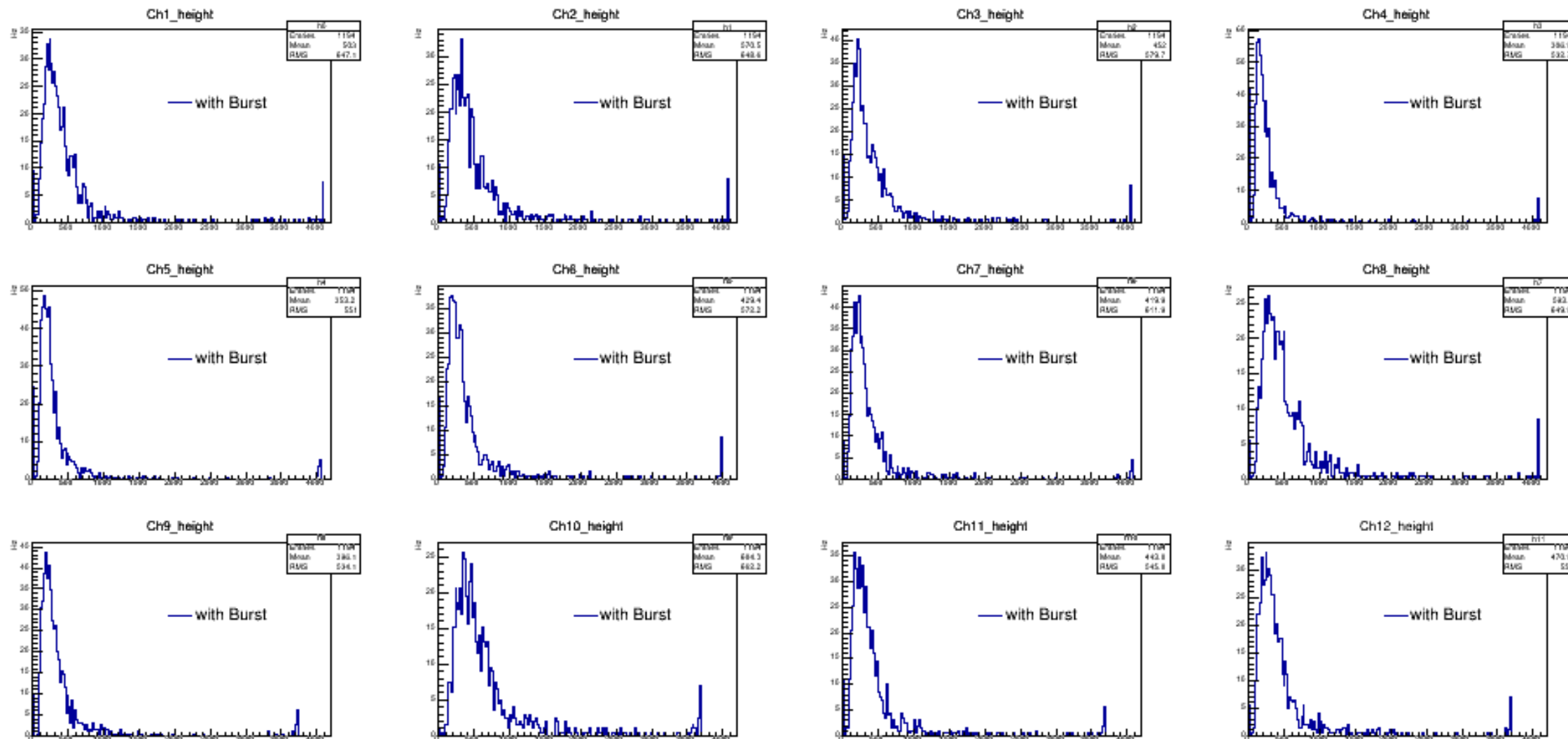
Previous slide (08/17)
& Without Burst



TOF Status

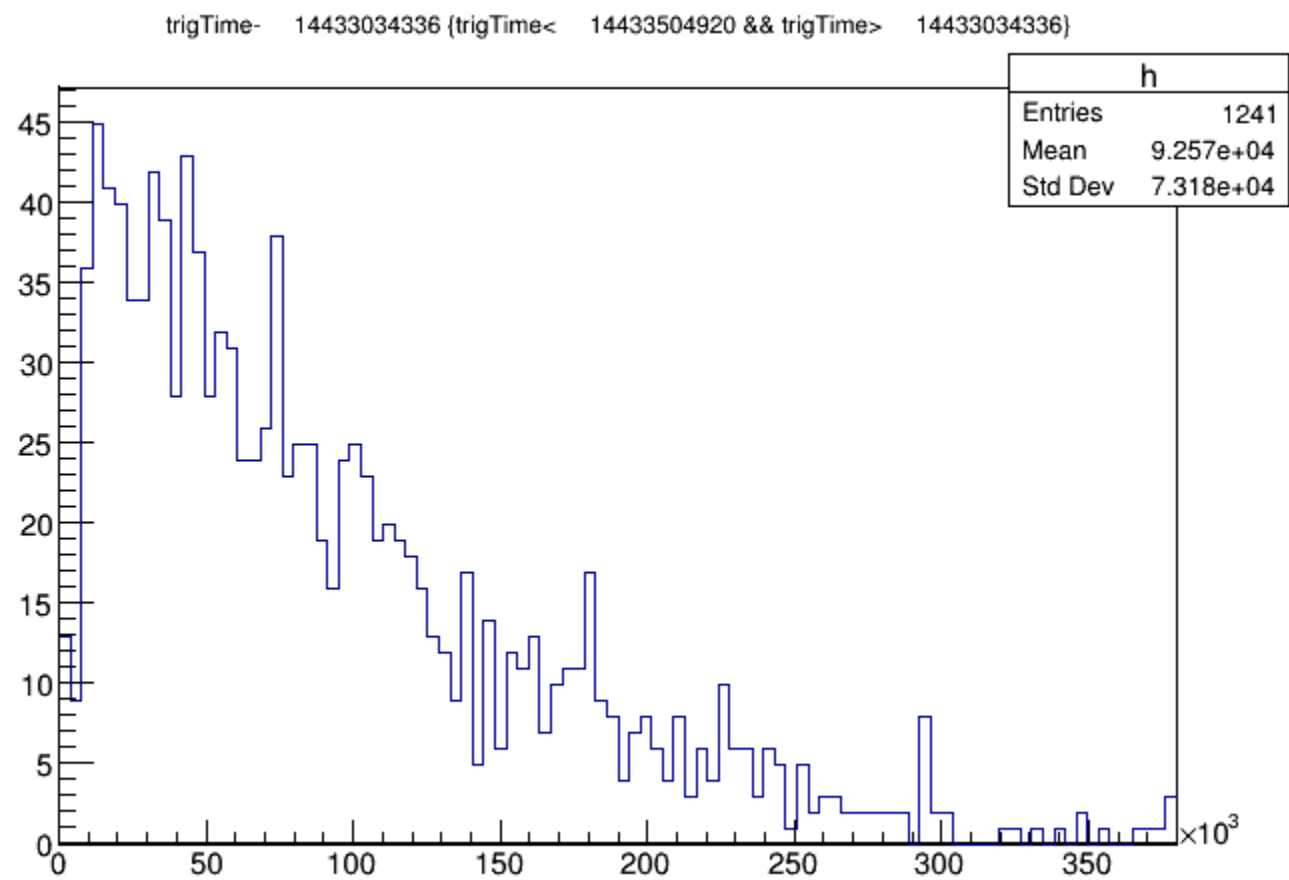
6bar test(#120) : Height histogram

Previous slide (108/17):
With Burst
(23 Bursts)



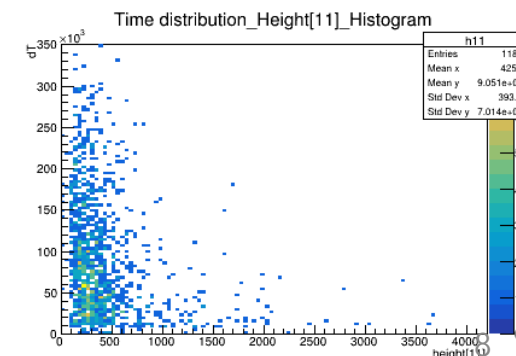
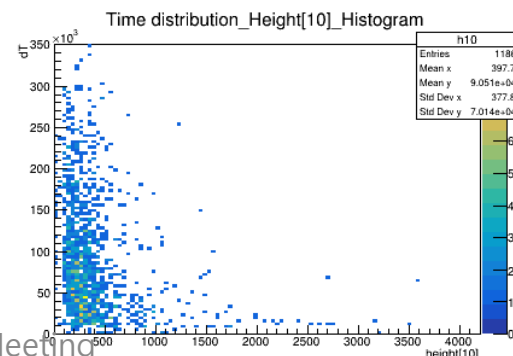
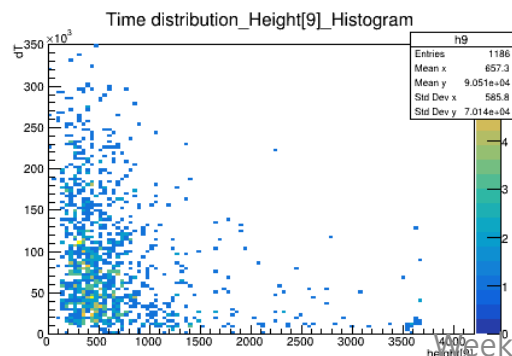
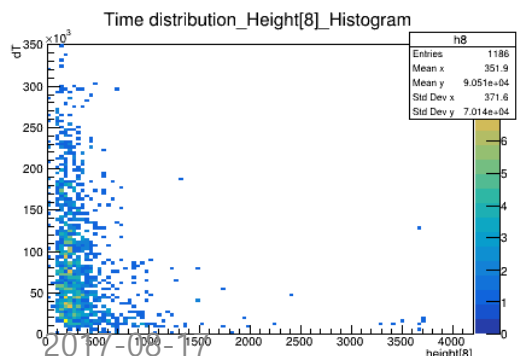
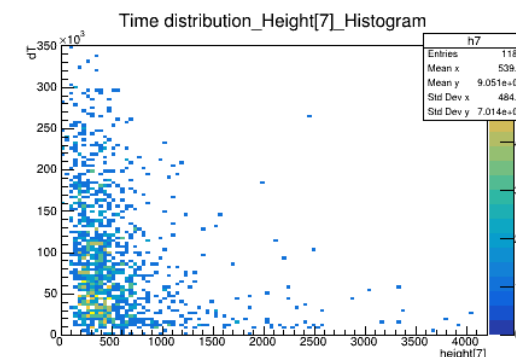
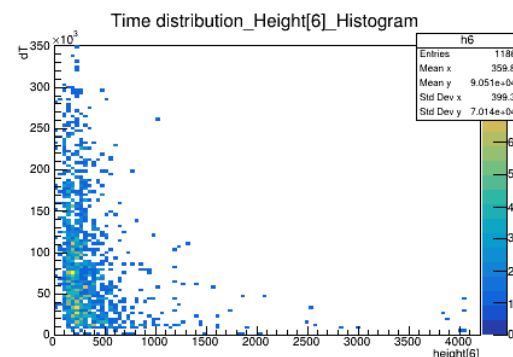
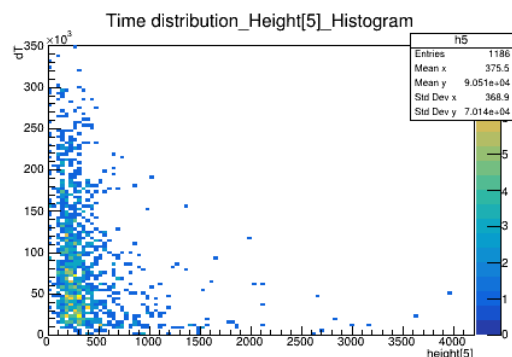
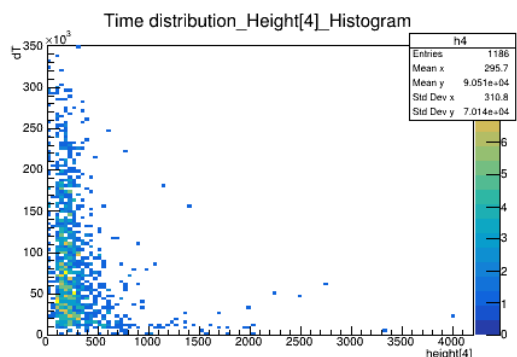
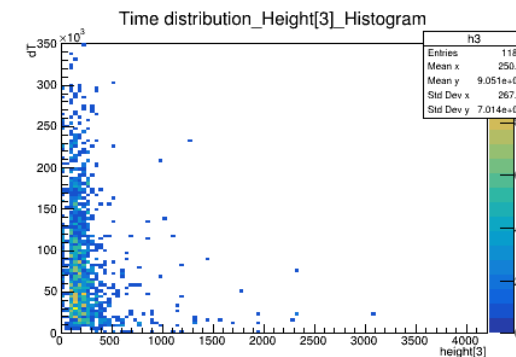
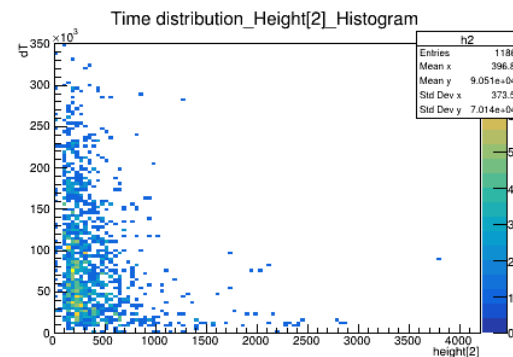
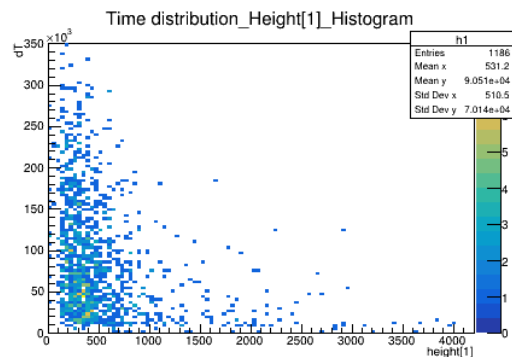
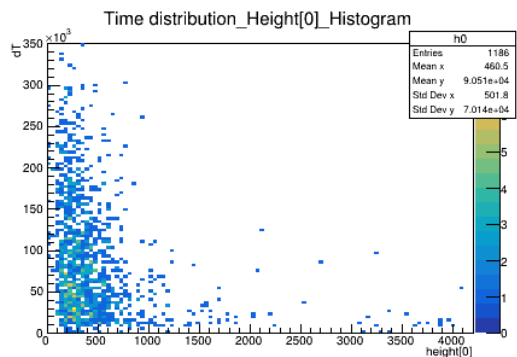
TOF Status

6bar test(#120) : dT histogram of Burst



TOF Status

6bar test(#120) : dT – height 2D histogram of Burst



AD/ELENA timing signal

CTD-193-C03

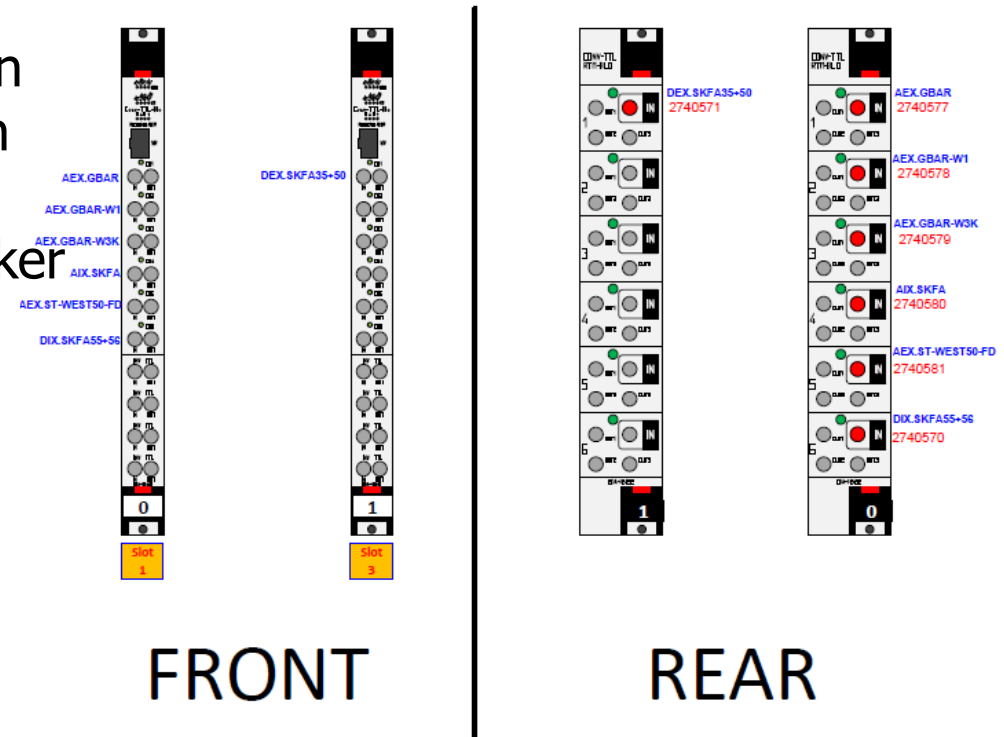
Bât : 193
Rack : XY72
Socket : ?

Module 0

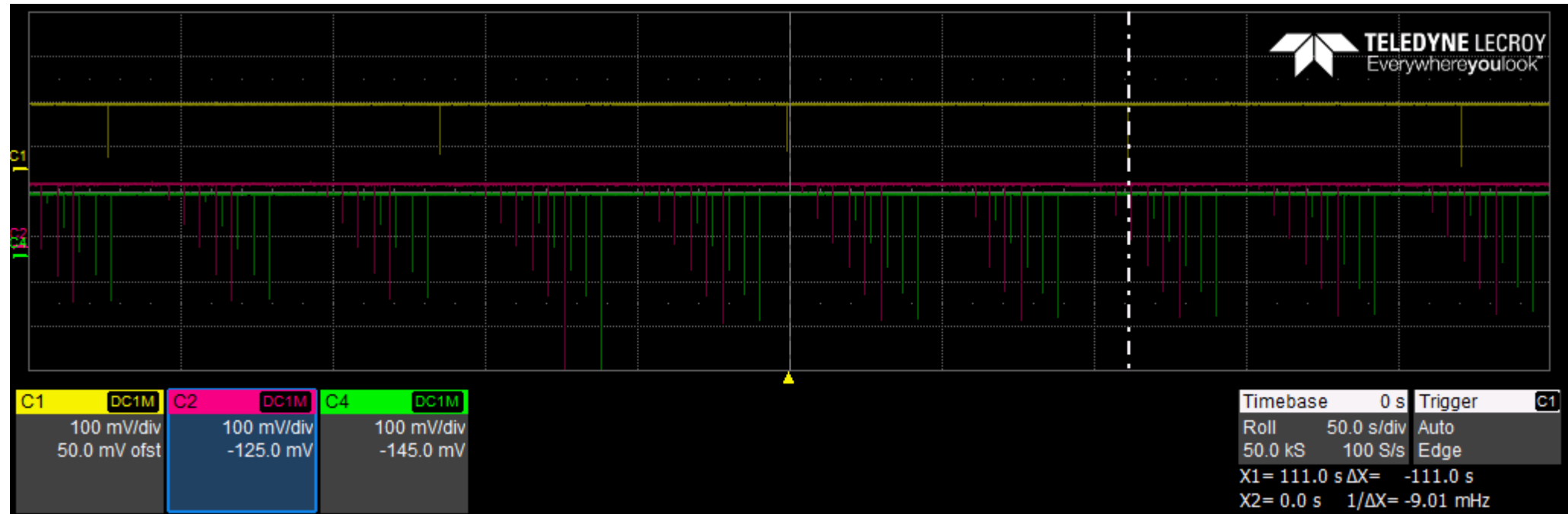
- Ch1: AEX.GBAR – triggers when destination is GBAR
- Ch2: AEX.GBAR-W1 – triggers 1ms before ELENA ejection
- Ch3: AEX.GBAR-W3K – triggers 3s before ELENA ejection
- Ch4: AIX.SKFA – trigger of ELENA injection kicker
- Ch5: AEX.ST-WEST50-FD – trigger of ELENA ejection kicker
- Ch6: DIX.SKFA55+56 – trigger of AD injection kicker

Module 1

- Ch1: DEX.SKFA35+50 – trigger of AD ejection kicker



AD/ELENA timing signal



(yellow) Module 1, Ch1 – trigger of AD ejection kicker
(pink) Module 0, Ch 3 – triggers 3s before ELENA ejection
(green) Module 0, Ch4 – trigger of ELENA injection kicker