

Module Test Status

An Update

VUTRI

- VUTRI needed:
 - TIB 30 + spares, (to equip 5 LT tests centres using Vienna boxes)
 - TEC 21 (no spares?) + 4 empty pcbs
 - TOB 29 including spares; they will get all the 29 from previous cern production

New production batch in Italy will be ordered according to this table.

This is the LAST time to speak if you want to get VUTRIs

Remember each VUTRI must have its own:

- PAACB adapter (get in contact with Wim B.)
- ERNI to VME adapter according to your detector type

Vienna Cold Boxes

- New production of 3, expected within end 2002, but delivery still to be confirmed:
 - 1 TIB
 - 1 TEC
 - 1 TOB
- More requests to be satisfied:
 - 4 for TIB
 - 1 for TOB
 - Hopefully Feb. 2003 ?

MUX and Cables

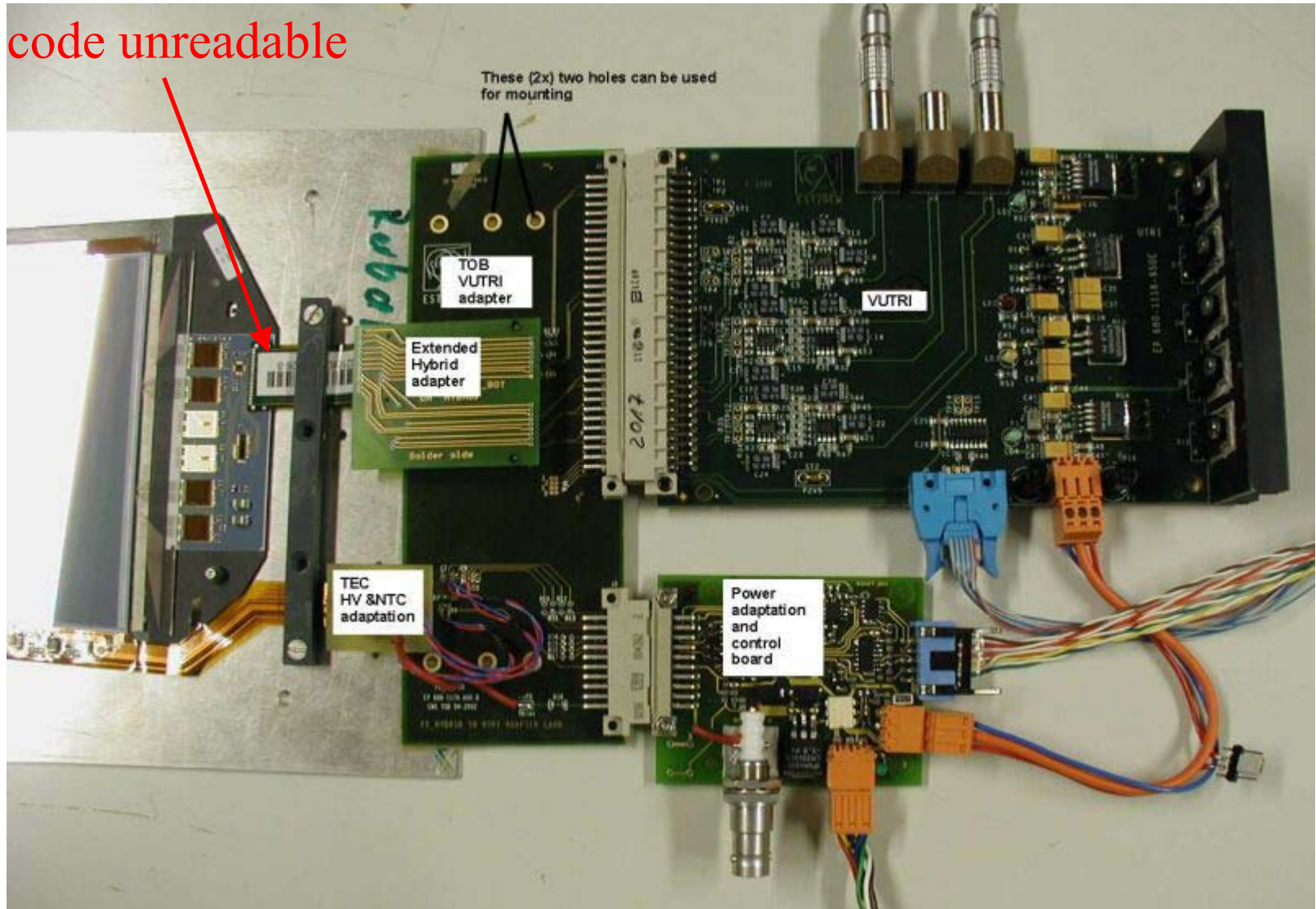
- First MUXs will be delivered in Dec CMS week:
 - Is it possible to have 2 or 3 before then, for cold box and sw developments?
- Studies on cable length and noise are going on: cable production can start only after definition of optimal length.
- Can we still centralize cable production at cern? (for analog cables going from MUX to FED)

Bar Code

- The labels on the kapton tails are too big, difficult to read: they are hidden under the small black bar (strain relief) keeping kapton tail in correct position. They also sometimes come unstuck.
 - I asked for smaller ones
- The Reader must be a laser scan, not a CCD

A TEC Module (Wim B. courtesy)

Bar code unreadable



Long Term SW in Test Centres

- We had 2 presentations in Sep. Meeting; they are on the web since 3 weeks
- Is there any progress in the installation and running?
- I had NO replies to my mail asking for reports on this subject (1 late this morning.....)
- I also asked for some statistics on the modules tested up to now, aimed to:
 - understand the kind of defects found on the modules and their frequency
 - the cuts to identify them
- again no answer

What's going on ?

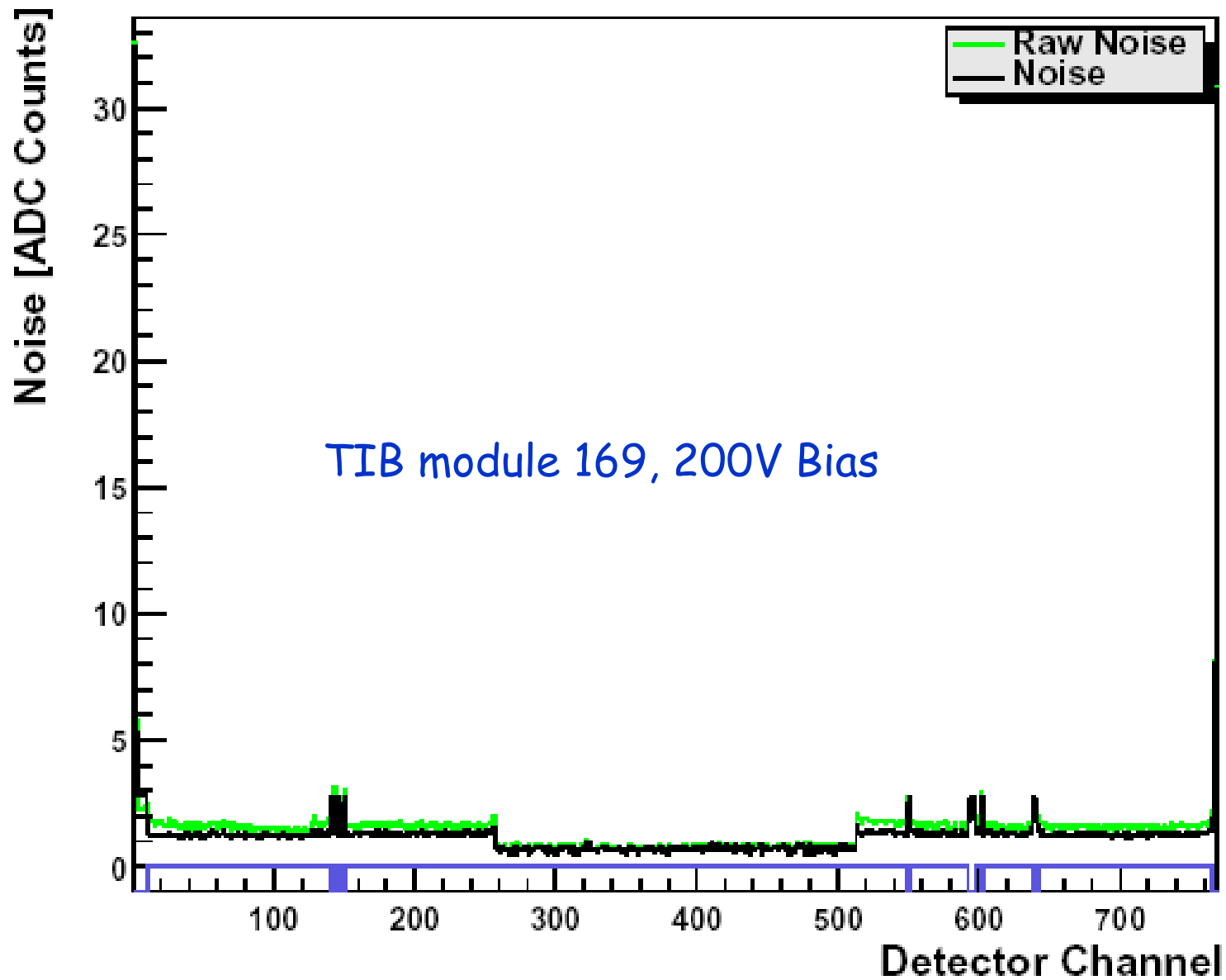
On Strips And APV Channel Numbering

SENSOR TYPE	NUMBERING ON SENSOR and APV	IMPLANT RESISTOR SIDE
IB1	AGREE	OPPOSITE TO READ-OUT SIDE
IB2	AGREE	OPPOSITE TO READ-OUT SIDE
OB1	AGREE	OPPOSITE TO READ-OUT SIDE
OB2	AGREE	OPPOSITE TO READ-OUT SIDE
W1 TEC	OPPOSITE	READ-OUT SIDE
W2 TEC	OPPOSITE	READ-OUT SIDE
W3 TEC	OPPOSITE	READ-OUT SIDE
W4	OPPOSITE	READ-OUT SIDE
W5	OPPOSITE	READ-OUT SIDE
W6	OPPOSITE	READ-OUT SIDE
W7	AGREE	READ-OUT SIDE
W1 TID	OPPOSITE	READ-OUT SIDE
W2 TID	OPPOSITE	READ-OUT SIDE
W3 TID	AGREE	OPPOSITE TO READ-OUT SIDE

Thanks to Anna Macchiolo (Firenze)

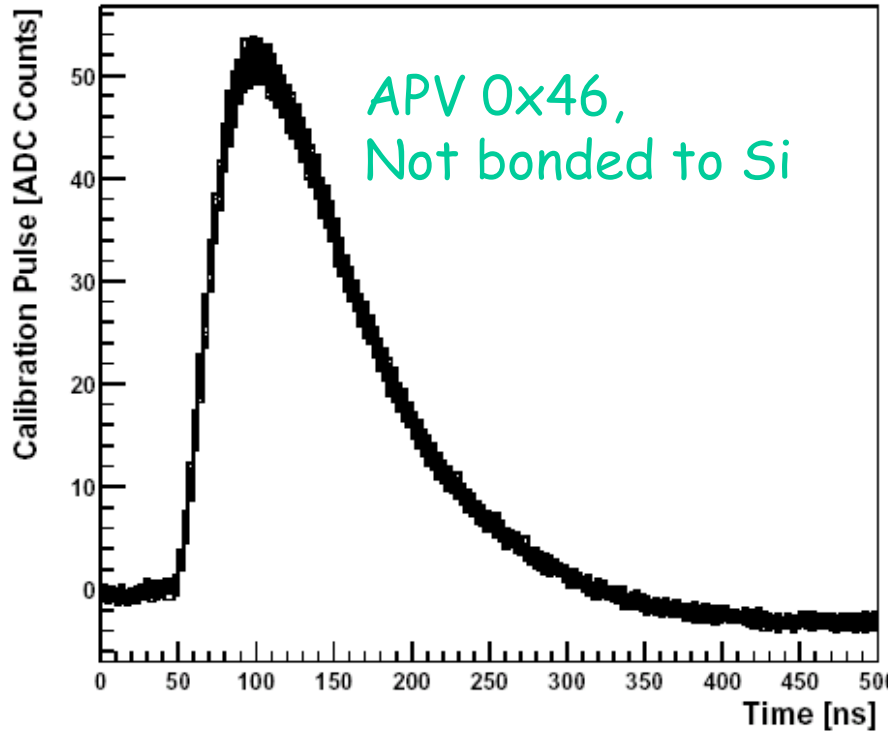
Test Status in Firenze

- ARC:
 - we installed the new version for Win2000 and it works fine. We had some problem with the instdrv.exe: we followed a procedure different from the one given in the Aachen instructions (which was not working for us), but it seems we get to the same results.
 - Minor problem: cannot see the "tabs" fast test, deep test etc.
 - Easy to start system, still need some deeper study to understand features, noise, connections

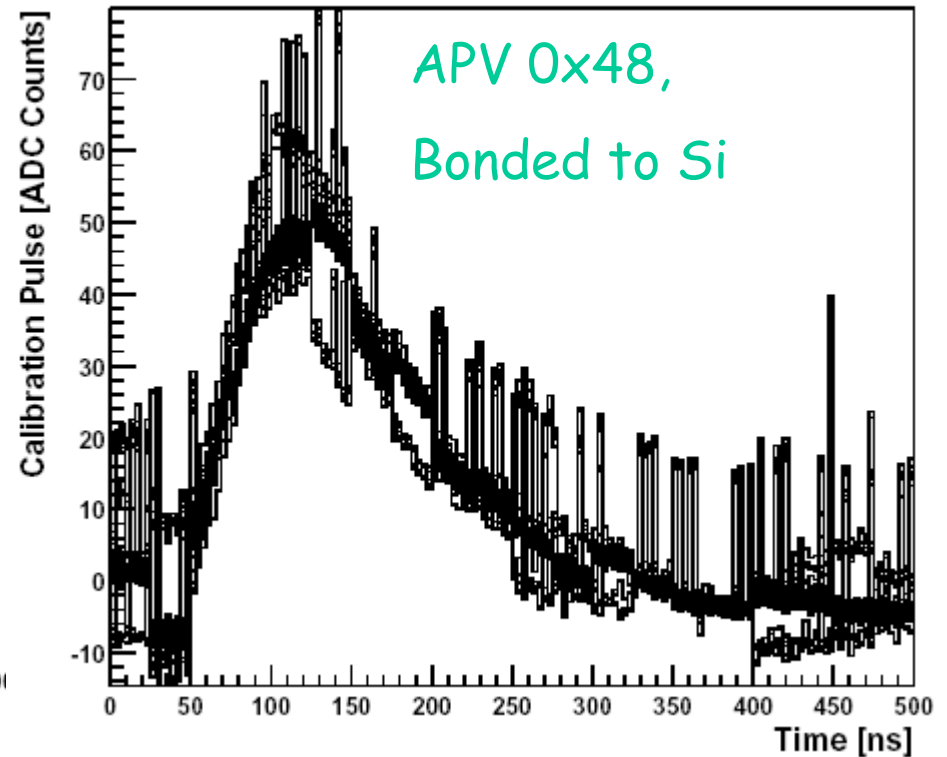


TIB module 169, 200V Bias

Pulse_Shape_0x46



Pulse_Shape_0x48



Not so minor problem: bad results from calibration runs when running on full modules. We are investigating

LT in Firenze

- We installed Antwerpen Long Term SW on Linux RH 7.0
- Basic functionalities working
- Some small modification to have HV on SY127 ON
- NO HV current readout possible (guess why....)
- Some problem to get APVs ON if they are off...
But it works if we set them on 'by hand'
(APV25Dialog)
- VERY slow in taking calibration runs (more than 3000 s !) on a PentiumIII 800MHz
- We save xml files, but we do not write into DB