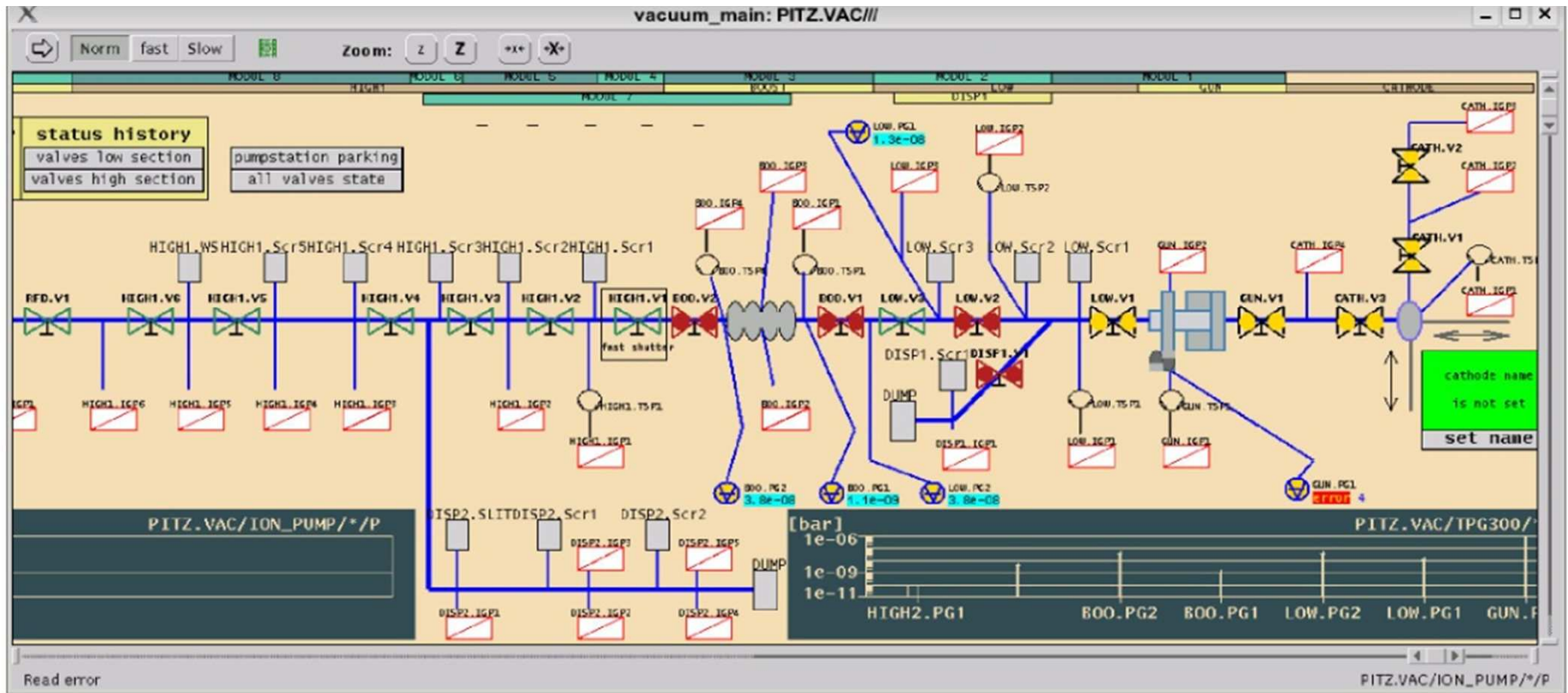


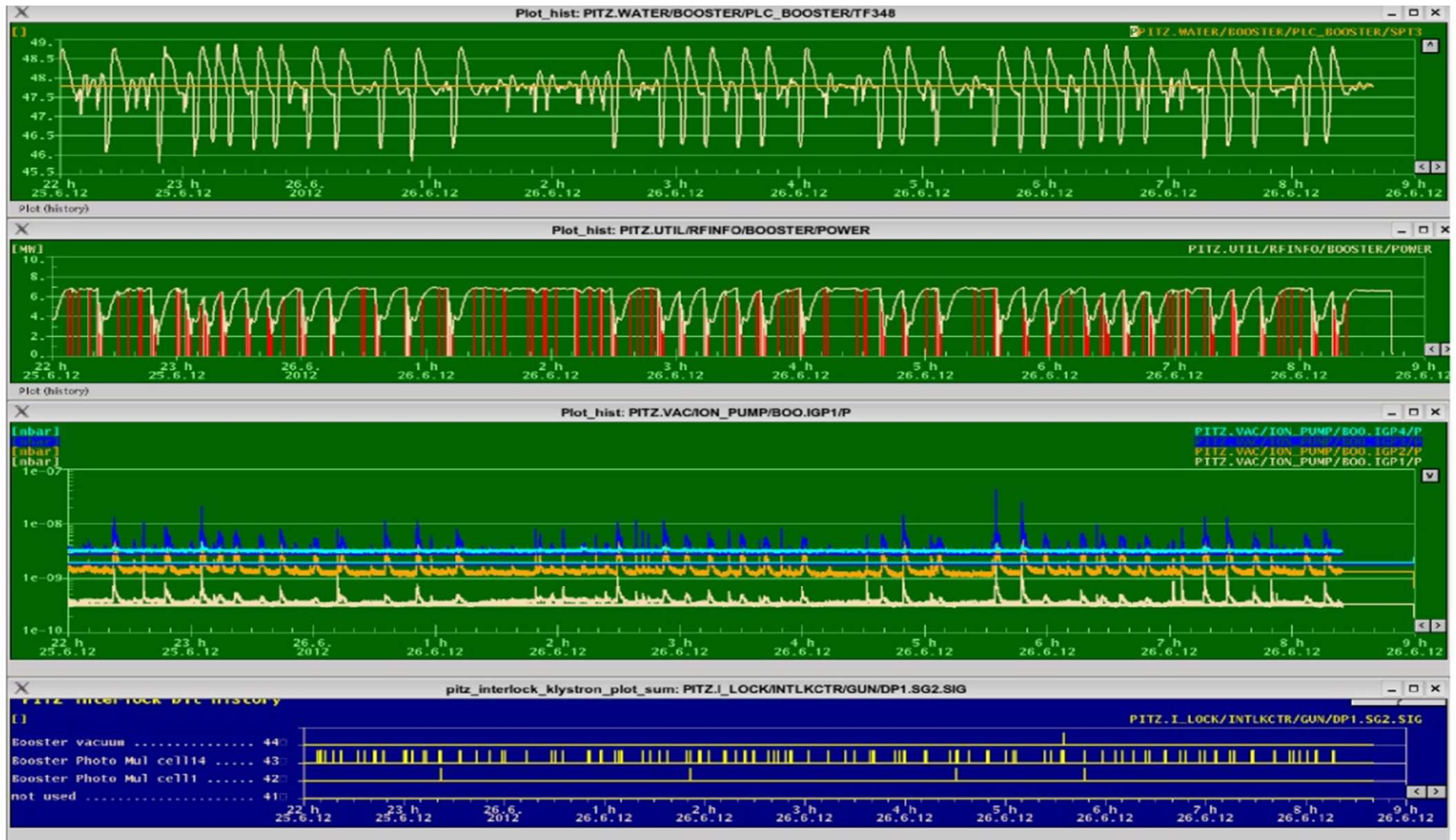
100 us pulse duration

Full power reached, but stable for very short time

At the same time no significant vacuum activity, only light

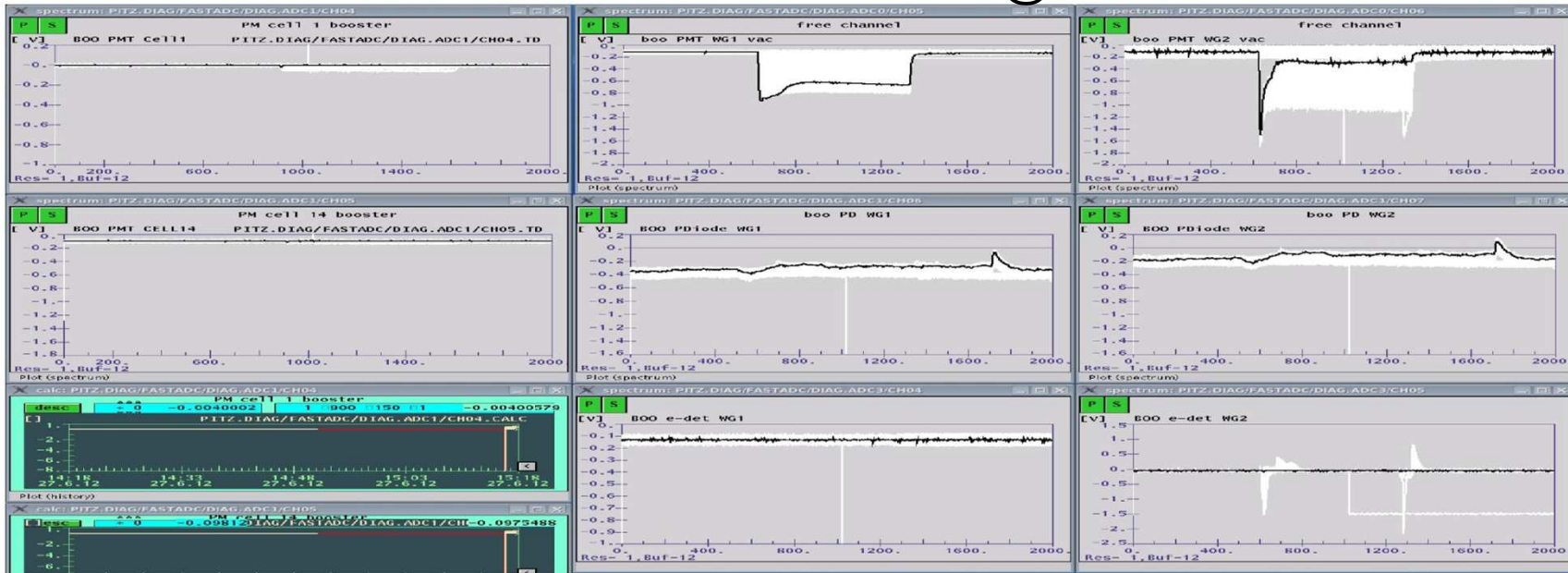


Problem with vmepitz03 happens to often last several months. The replacement for vmepitz03 has to be planned. The problem that such type of hardware is not produced anymore – new hardware type will need significant changes in software

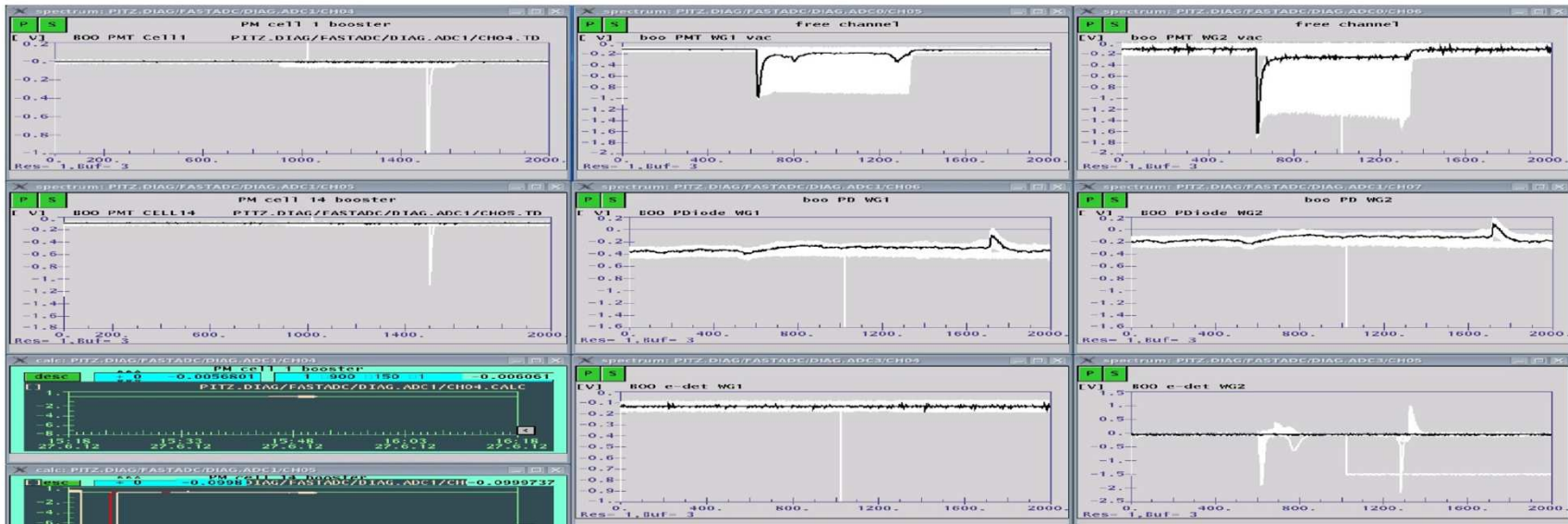


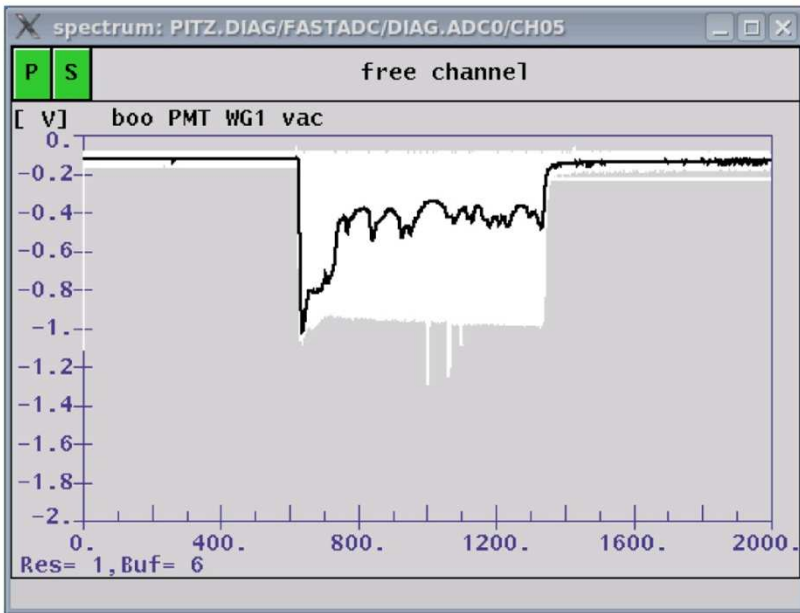
100 us pulse duration. After this the very high radiation level was measured – more then 300 uSv/h at Boo.V1.

## Booster sensors readout at 2.5 MW @ 700 us

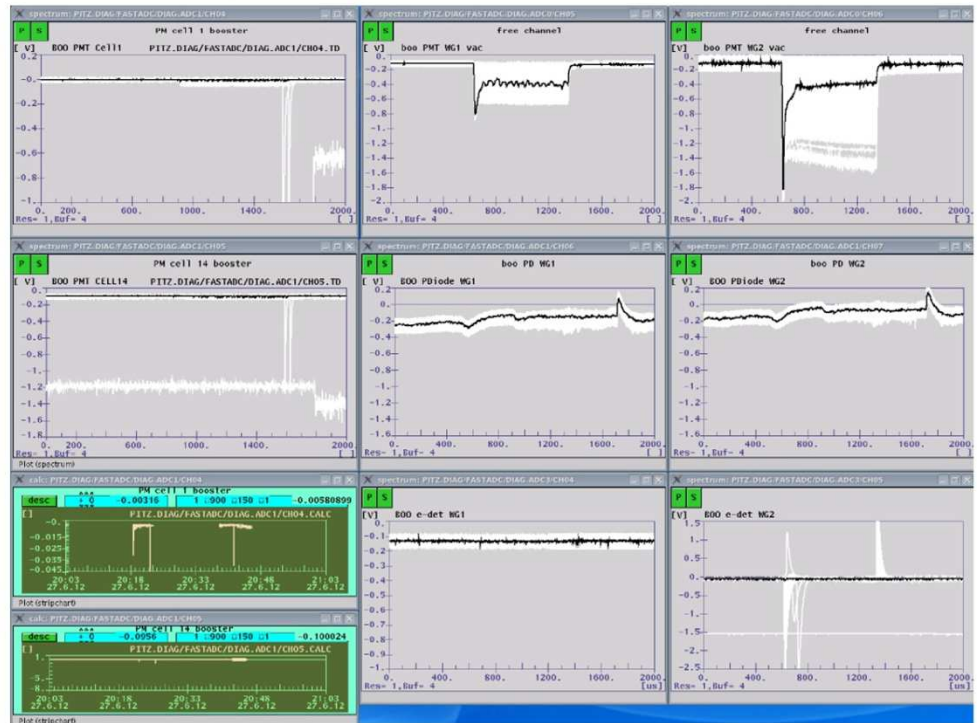


## Booster sensors readout at 3.5 MW @ 700 us, noisy signal on PMT in WG1

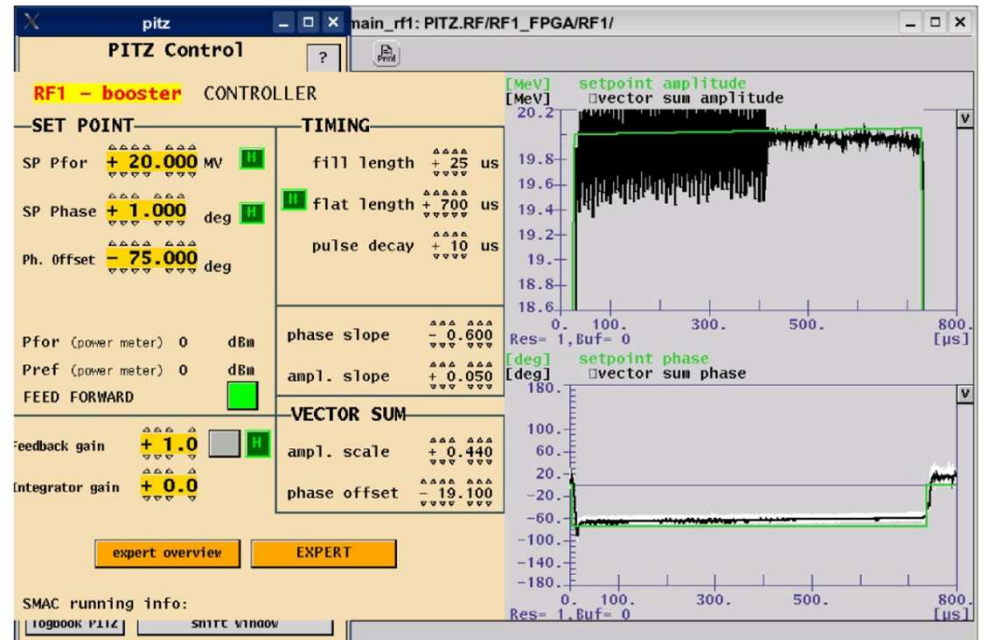
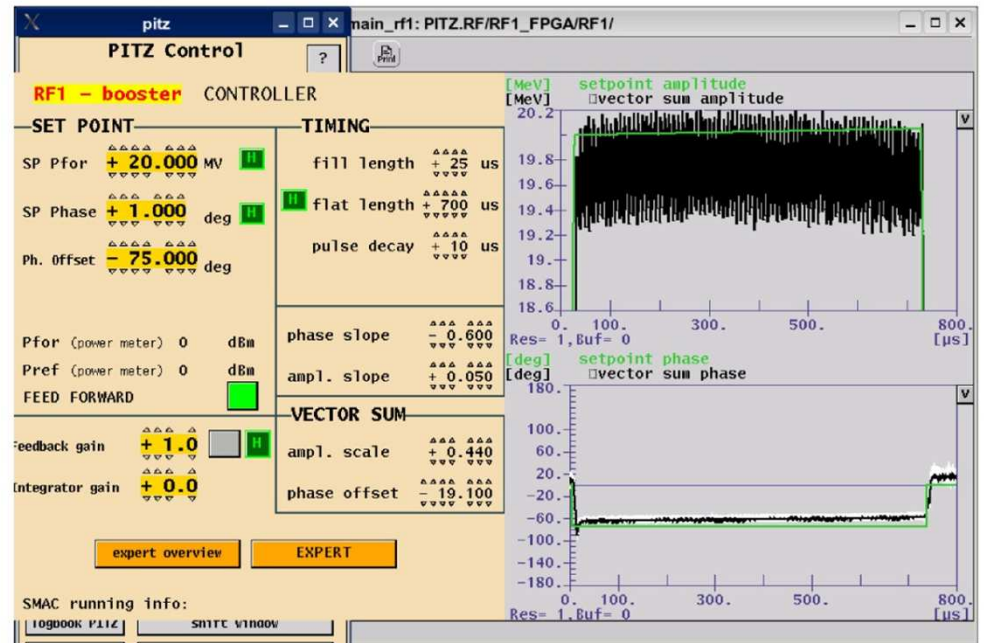
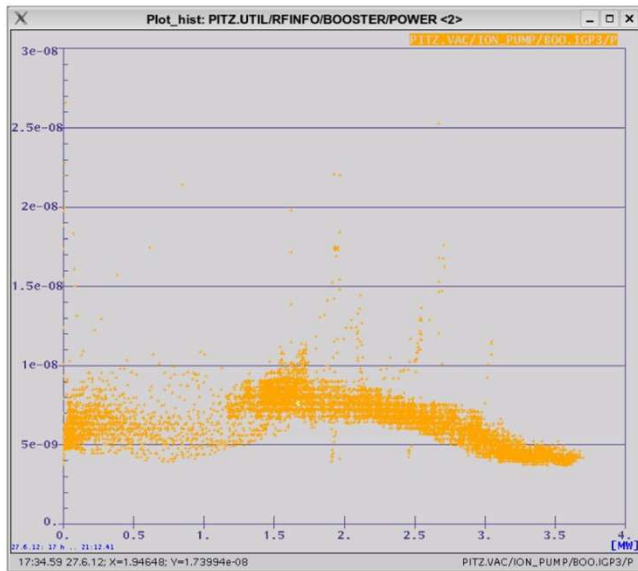




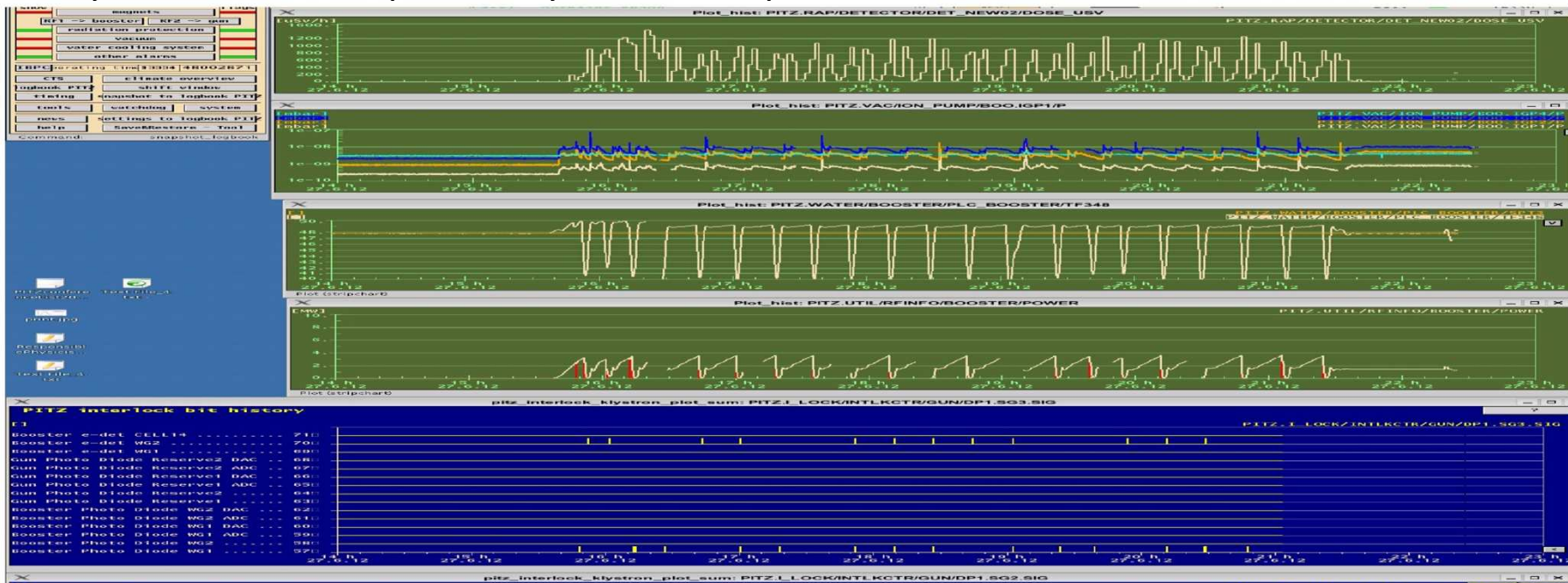
The horns at PMTs in WG1&2 a bit reduced after increasing of the filling time from 15 to 25 us



# Vacuum activity vs. power in the booster @ 700 us



700 us pulse duration. High radiation around HEDA1. A lot of electron detector in WG2 ILs correlated with PD in WG1. Looks like we have a problem with WG2 RF window, may be we have to open the system for inspection



Conditioning at about 1.4 MW in the booster – good vacuum trend

