

# Operation Progress

Booster conditioning – week 31 of 2012

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Operation Progress

PITZ Physics Seminar, 2. August 2012

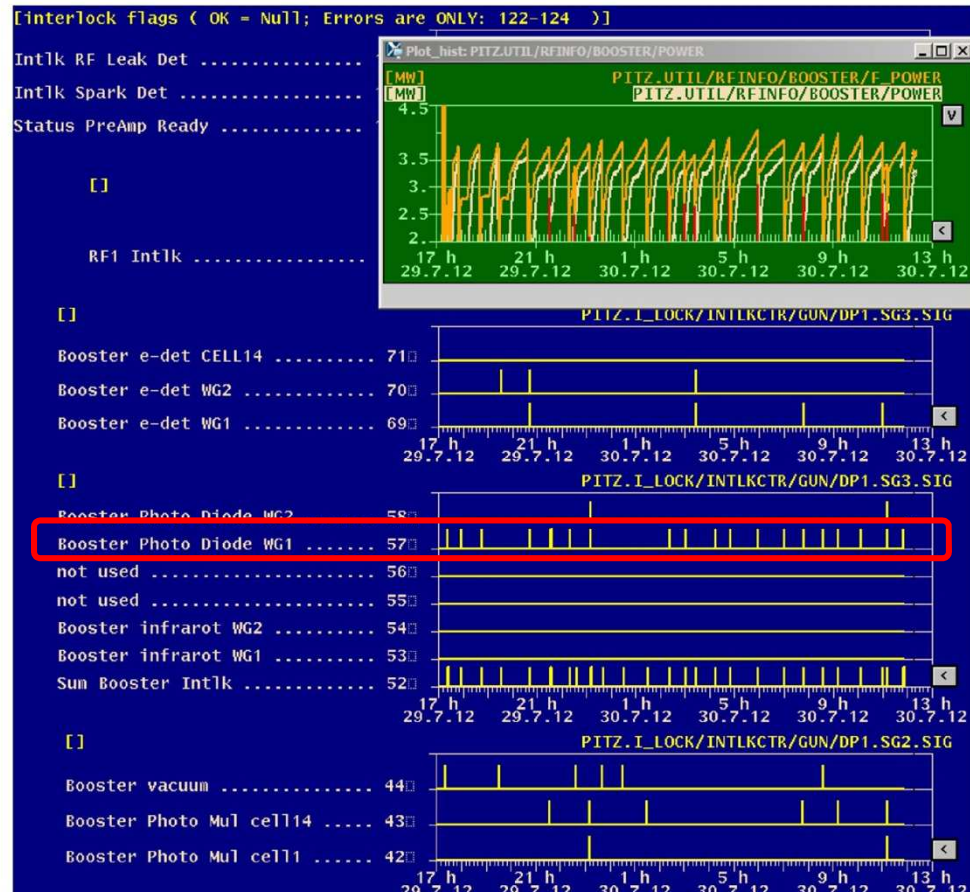
# Status Monday, 30. July

## > Conditioning so far:

- Maximum power (not stable) about 3.5 MW (700 $\mu$ s)
- Lots of interlocks caused by Booster PD WG1

## > Therefore:

- Increase threshold



30.07.2012 14:43 M.Pohl booster PD WG1  
threshold is set to 3 V now

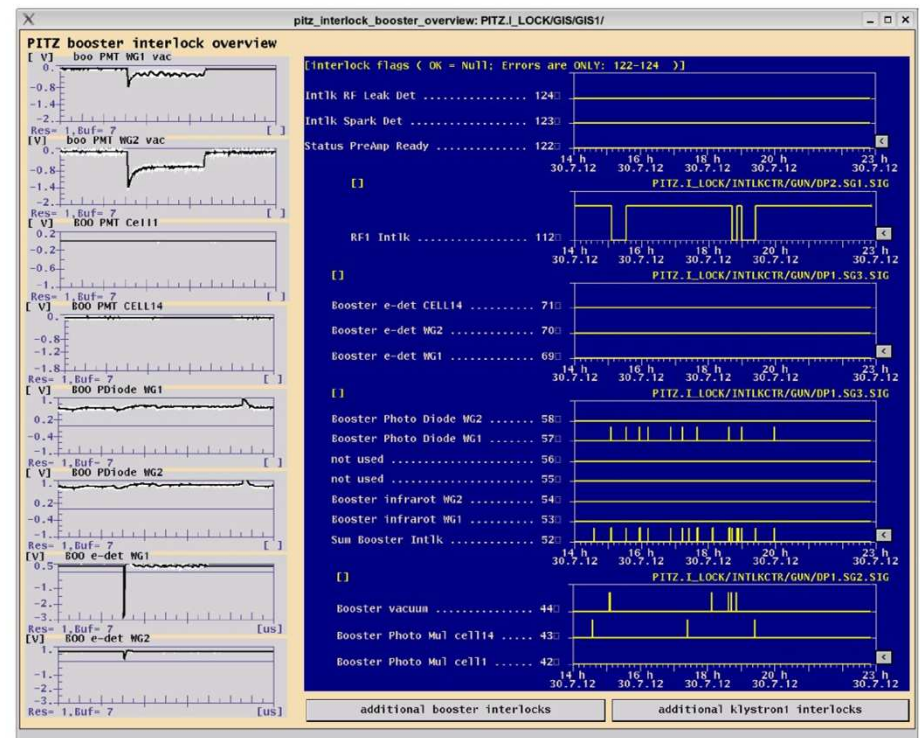
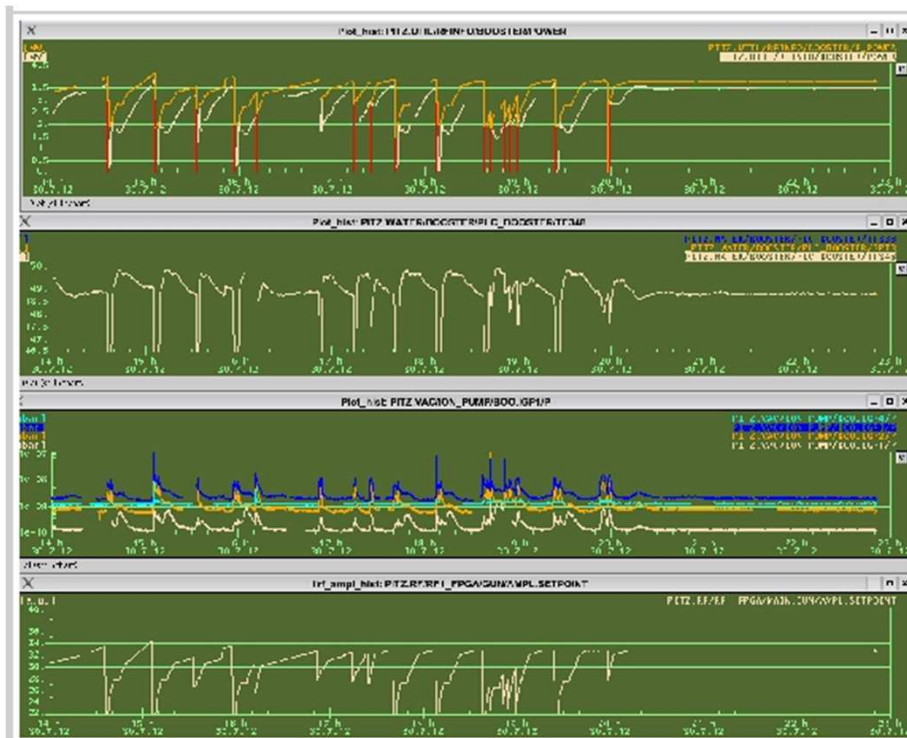


30.07.2012 14:36 Otevrel, Pohl IL treshold of Photo-diode WG1 INCREASED!  
IL treshold of Photo-diode WG1 INCREASED!



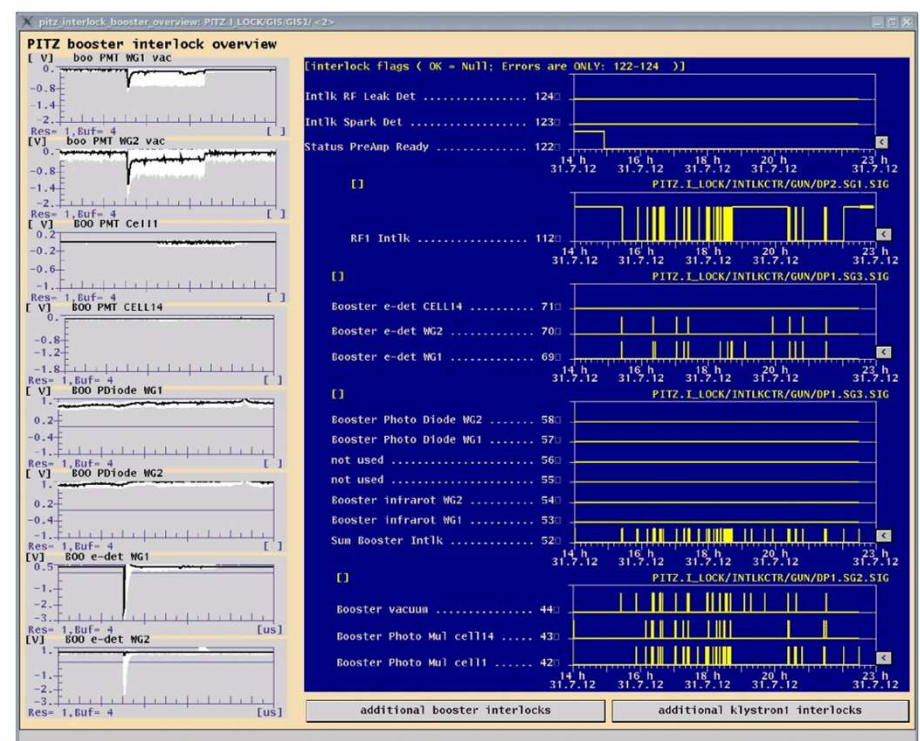
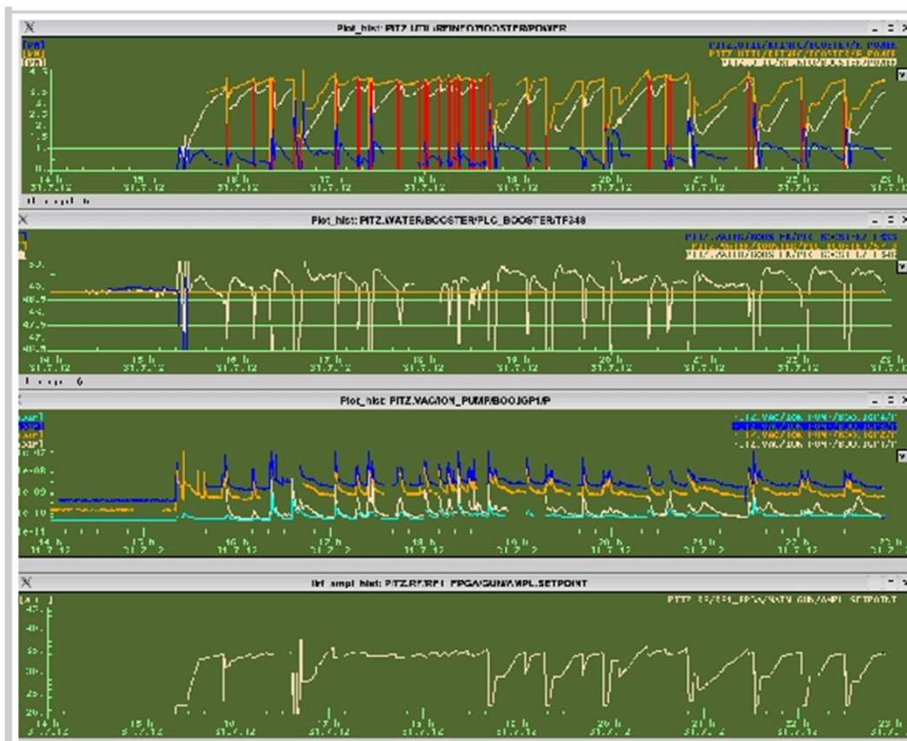
# Conditioning Monday, 30. July

- Stable at 700 $\mu$ s, 3.5 MW (3h)
- Lots of vacuum events, some vacuum ILs



# Conditioning Tuesday, 31. July

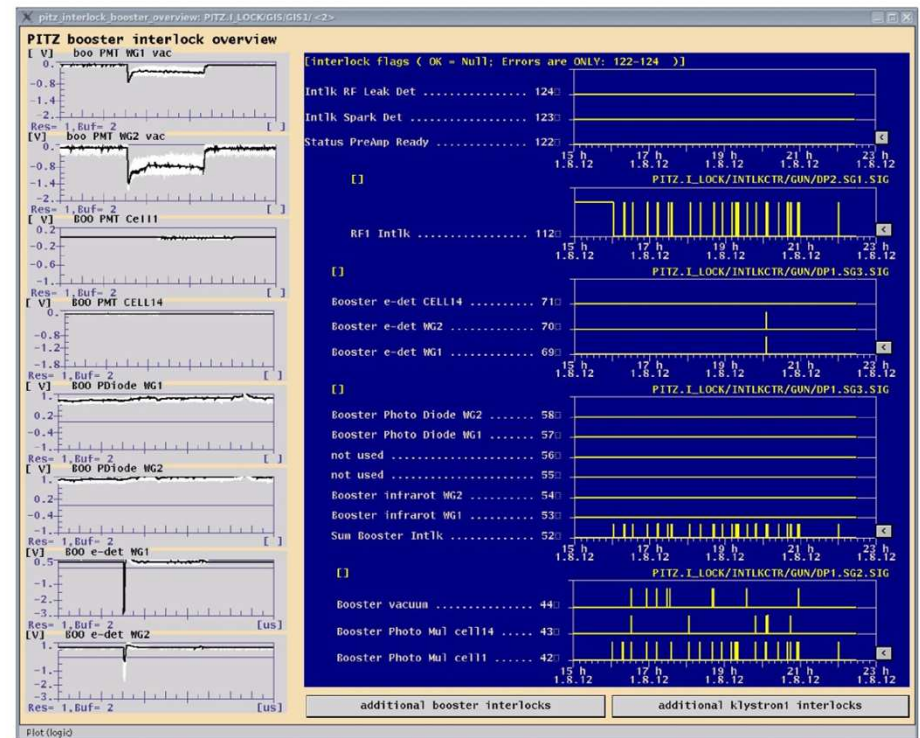
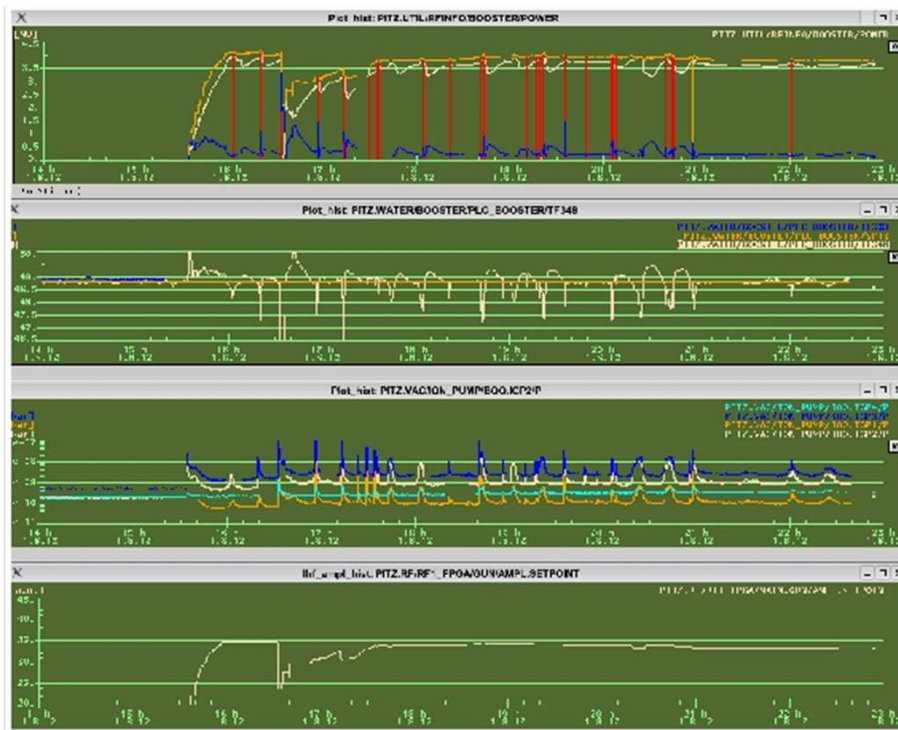
- Reached 700 $\mu$ s, 4 MW
- Lots of vacuum ILs, no WG PD ILs (several e-det ILs together with vacuum, lot of PMT ILs)





# Conditioning Wednesday, 1. August

- Stable at 700 $\mu$ s, 3.6 MW (2h),
- Lots of vacuum ILs, no WG PD IIs (one e-det IL, lot of PMT IIs)



# Conditioning Thursday, 2. August

## > Plan

- Go to max. power and try out possible pulse length
- ...?

