

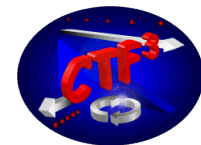
PETS On-Off Results



Alexey Dubrovskiy
on behalf of the CLIC team

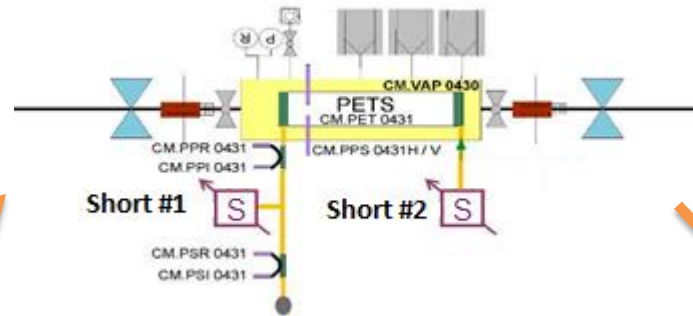
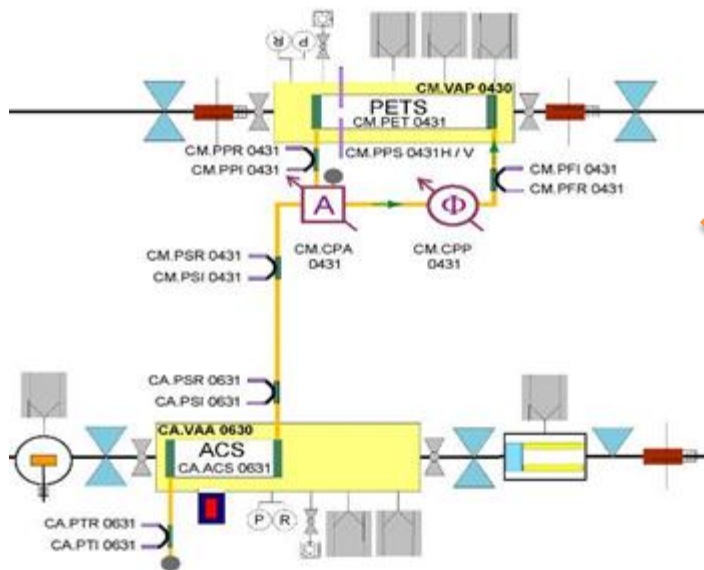


PETS On-Off installation in 2011

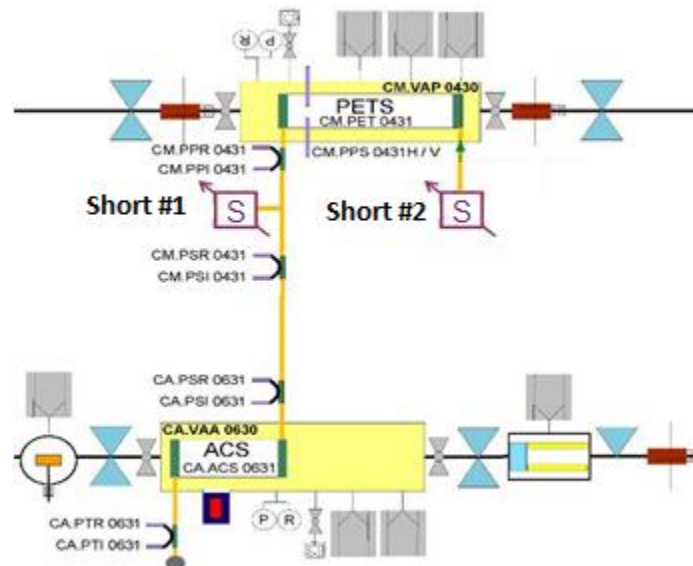


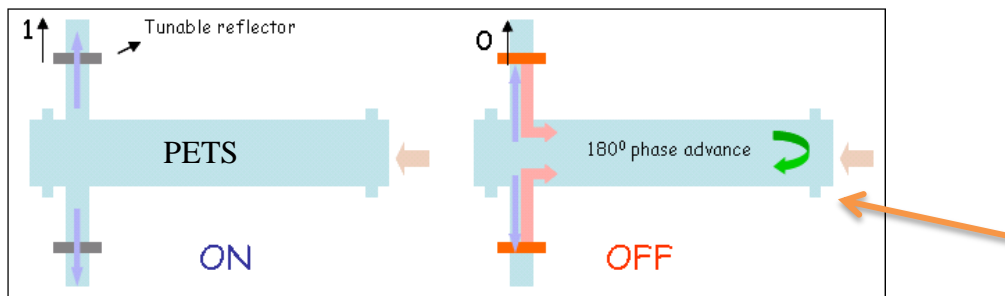
Layout in September-October

Layout before September

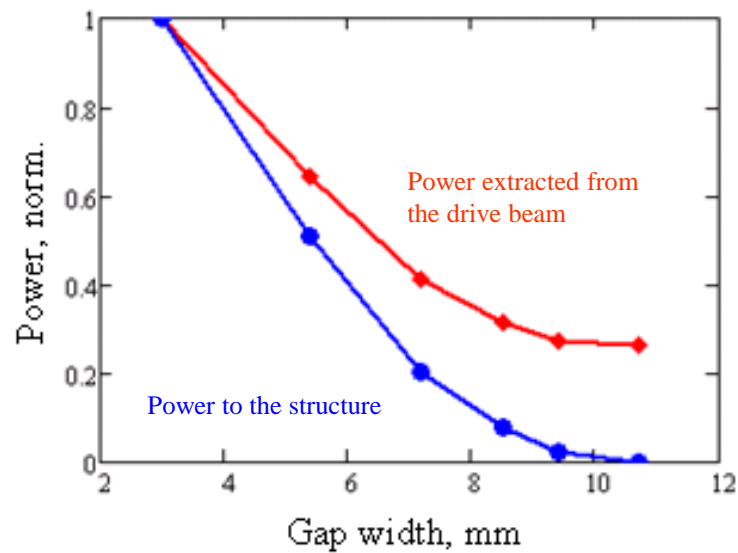
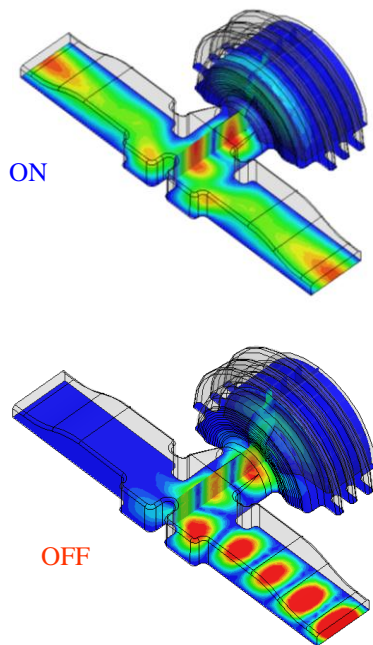


Layout after October



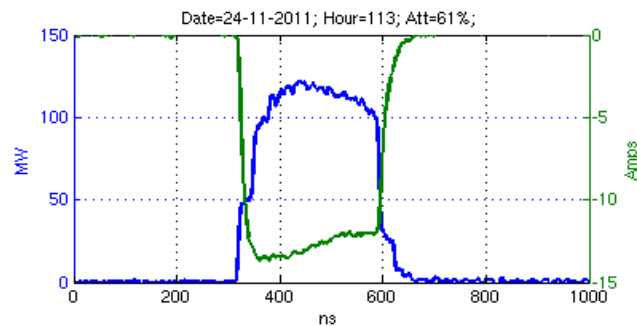
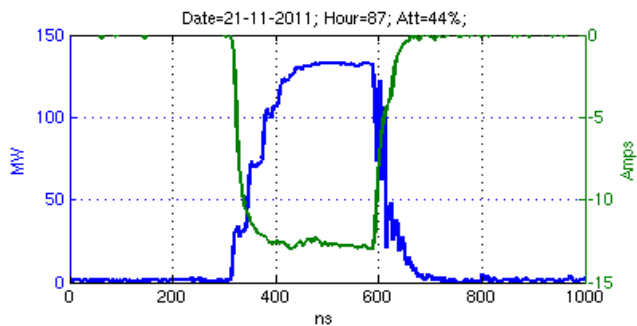
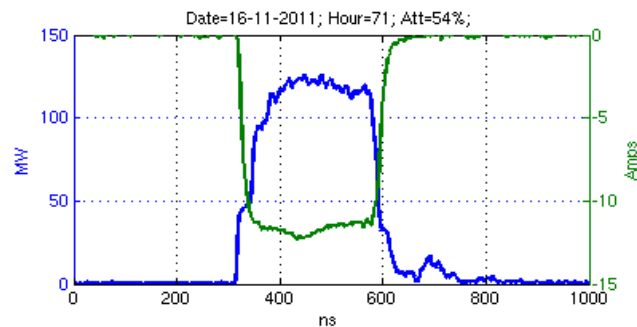
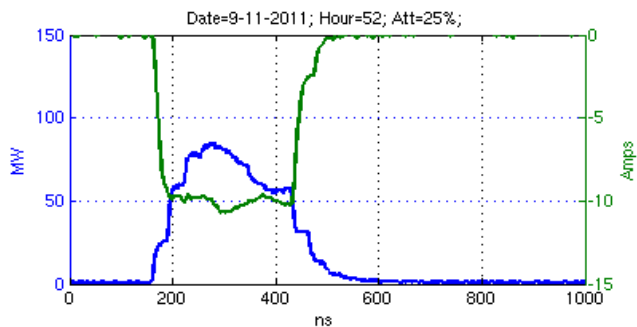
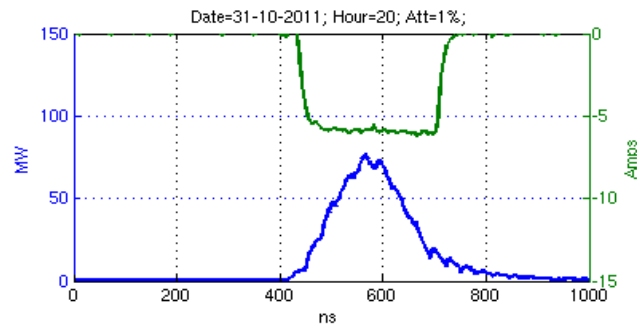
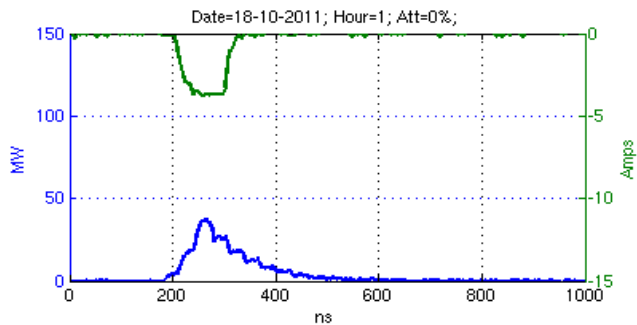
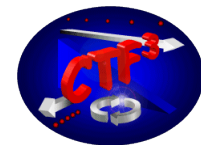


In CTF3 a movable short is added, to allow for recirculation mode



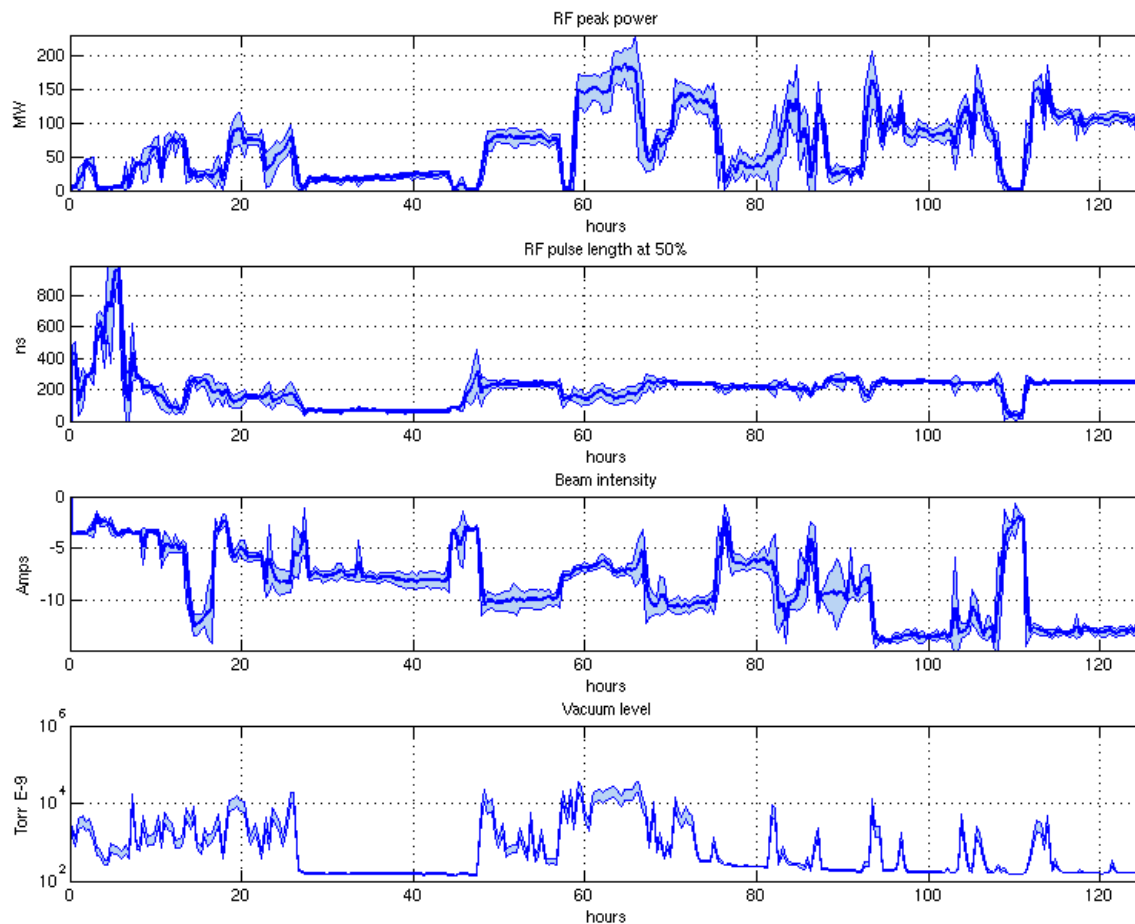
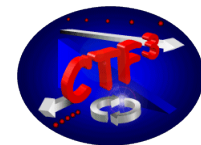


Progression



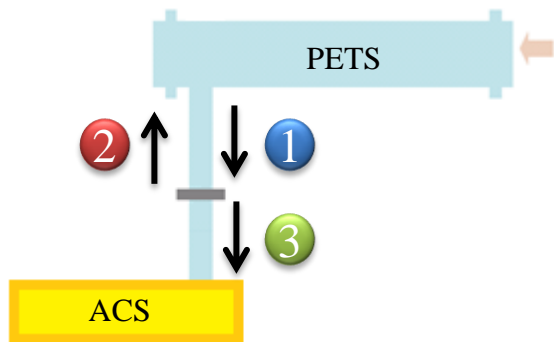


Processing

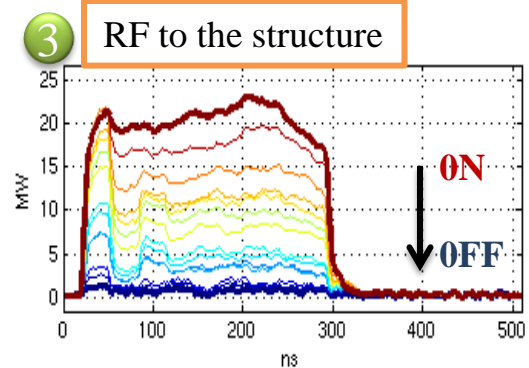
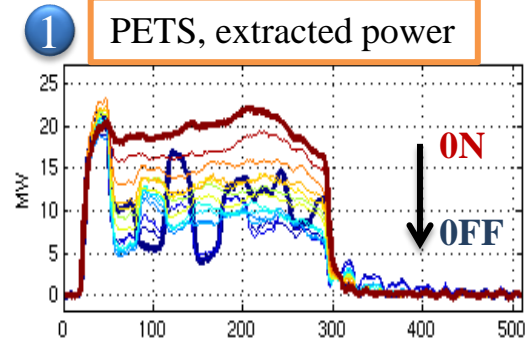
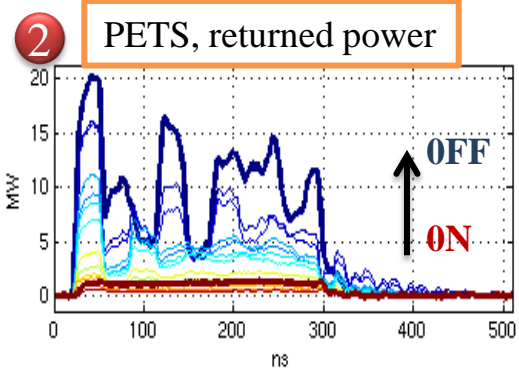
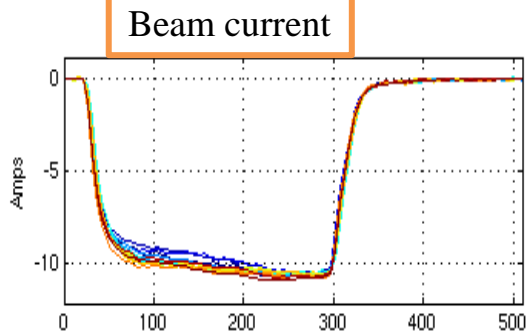
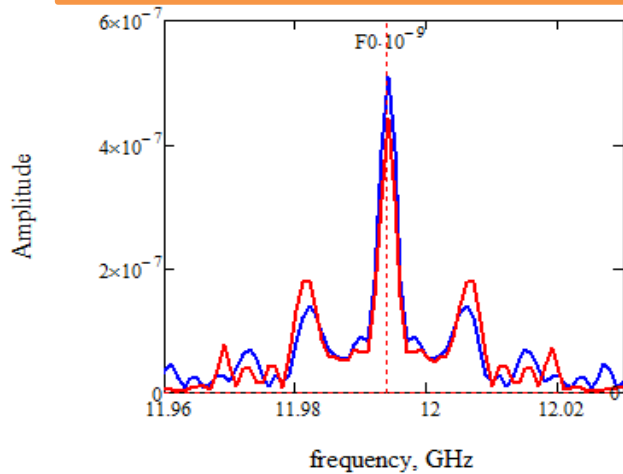


Fast!

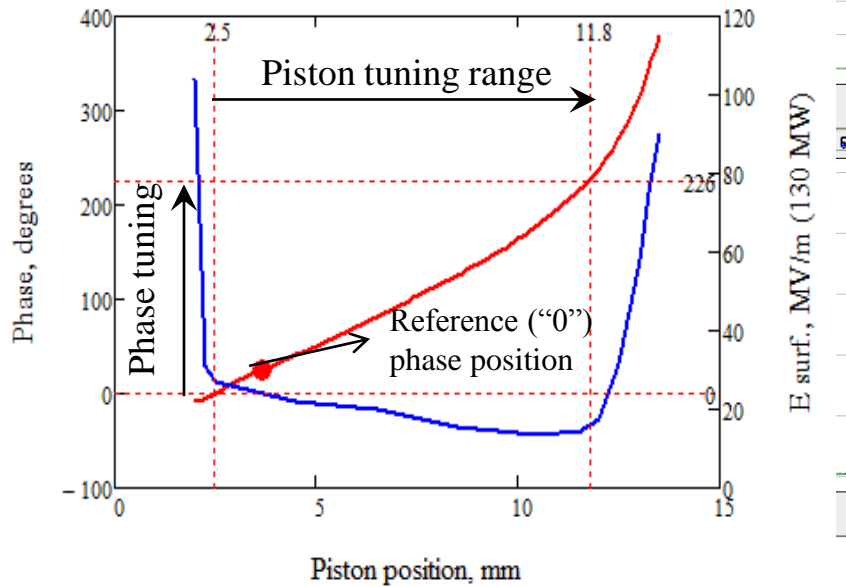
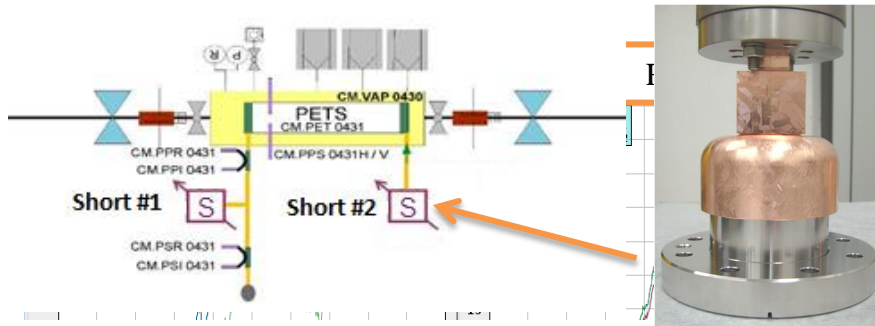
Measurements



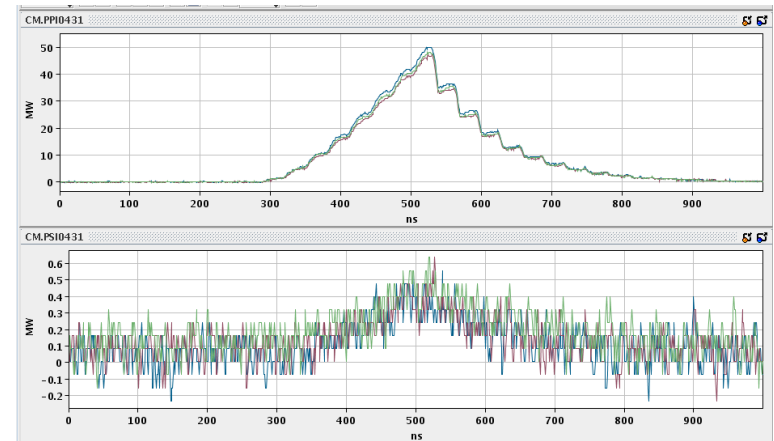
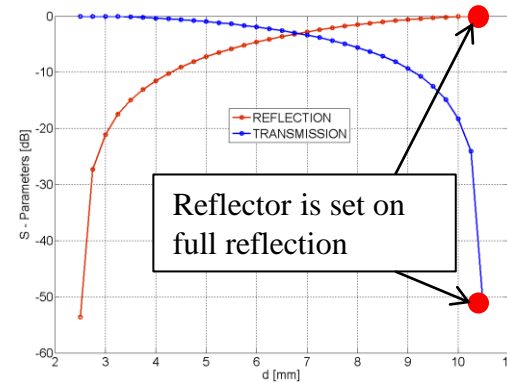
1 Simulation: PETS, extracted power



Recirculation phase tuning



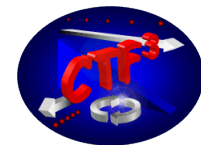
Isolation



Measured isolation > 20 dB



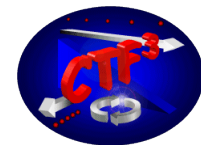
Thank you for your attention!



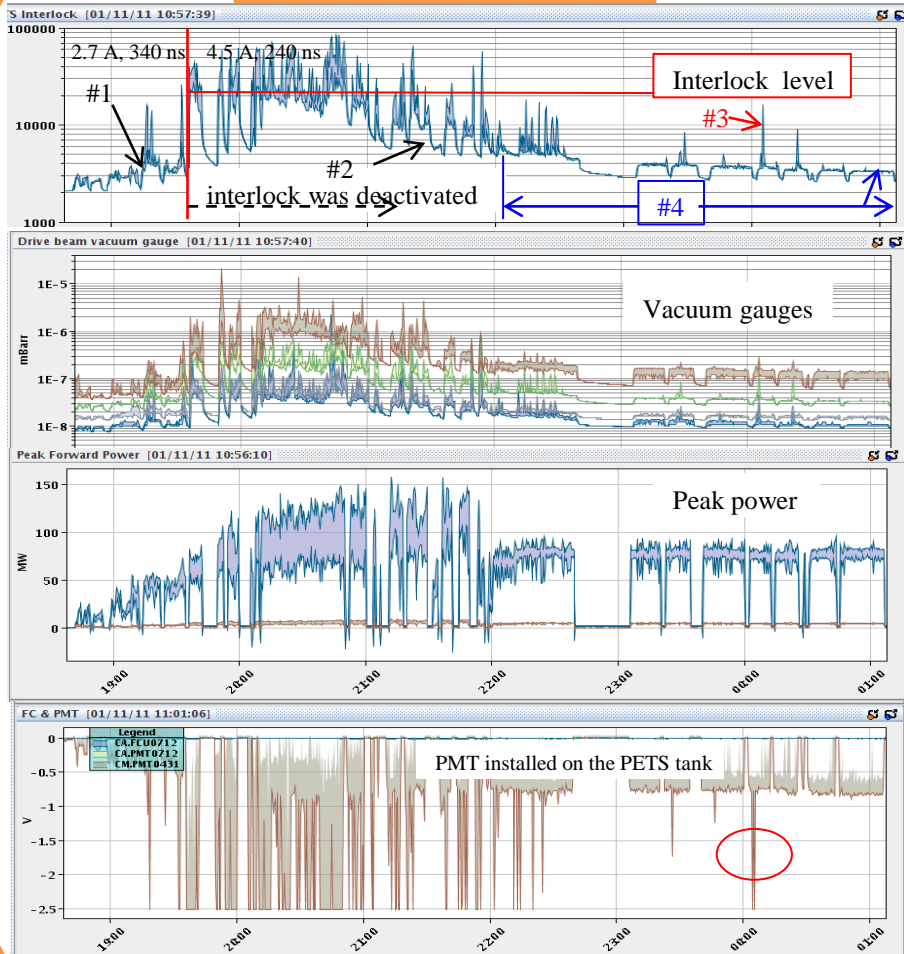
Please your questions...



Automatic processing & Breakdowns



Automatic processing



Detected activity

