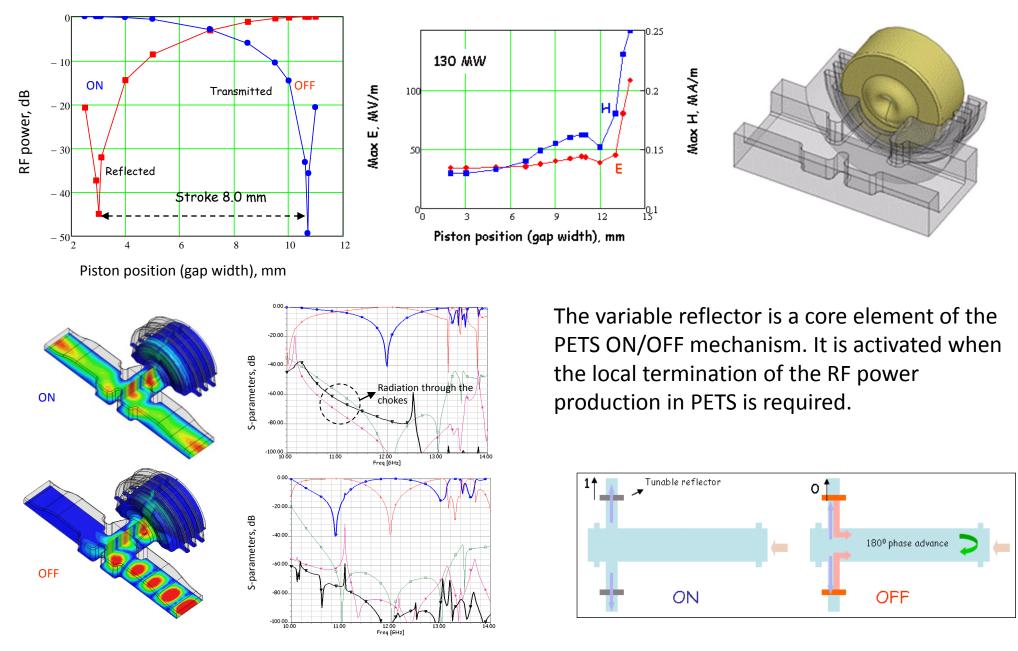
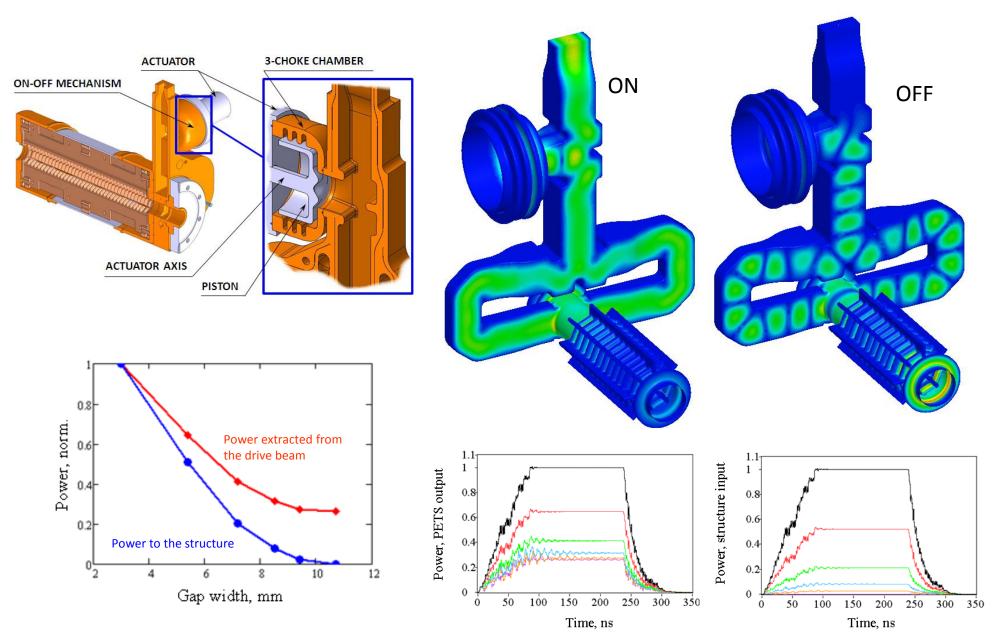
ON/OFF news

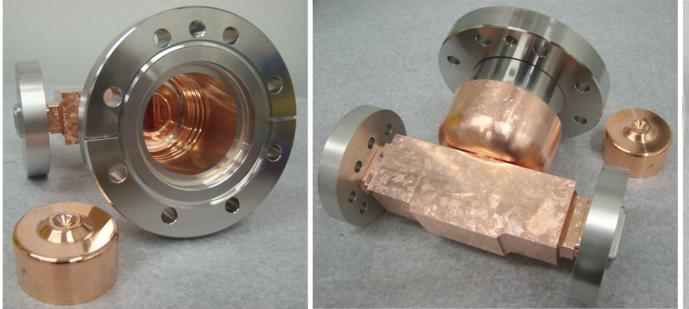
Compact design of the high RF power variable (mechanically) reflector



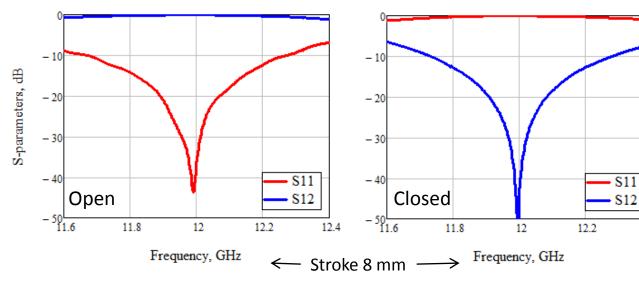
PETS ON/OFF operation (CLIC PETS)

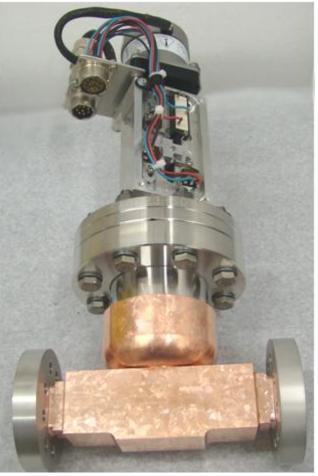


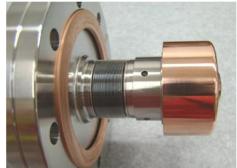
Broadband high RF power variable reflector prototype



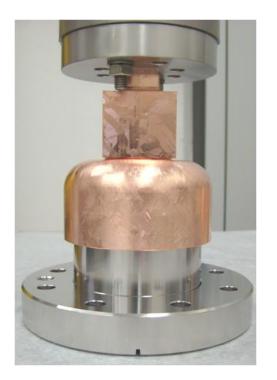
RF measurements



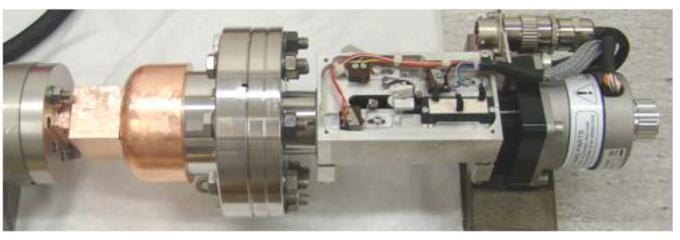


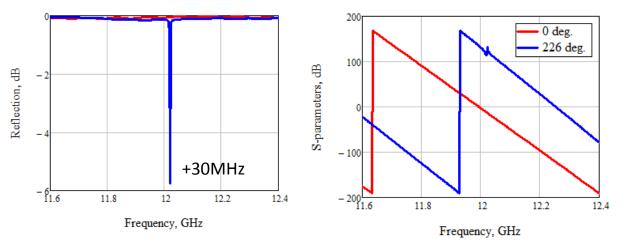


12.4

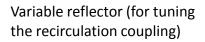


High power variable short circuit

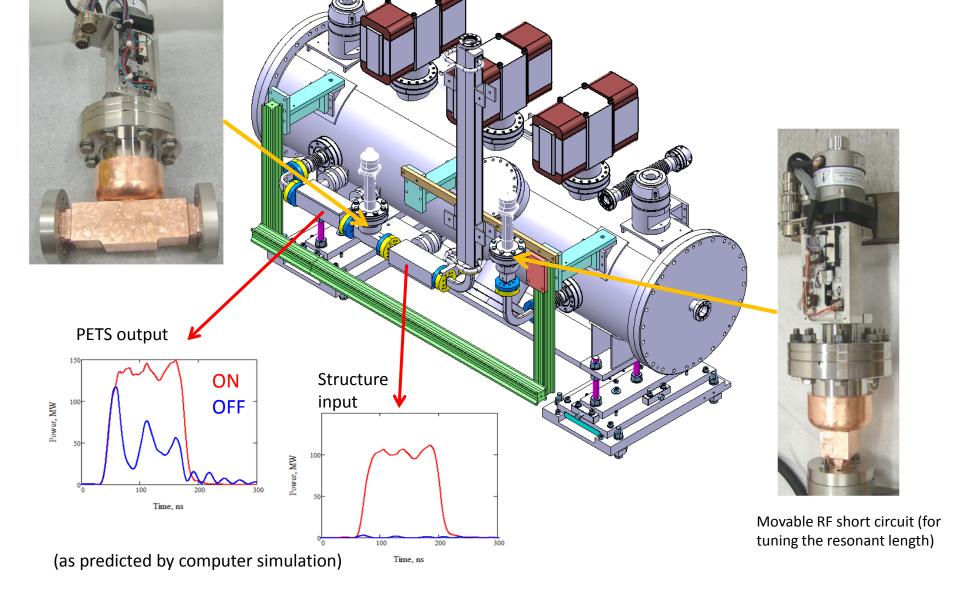


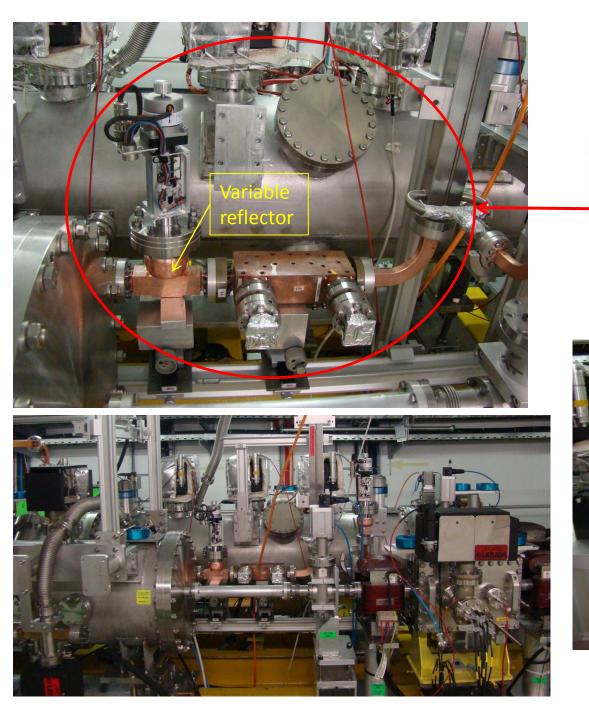


Originally the reflector was designed to provide reliably the 180^o phase advance. The dynamic range was increased up to about 220^o by further movement of he piston, until the chamber resonance became a danger.



TBTS PETS layout with internal recirculation for testing the ON/OFF concept.





The components have been installed on the PETS tank.

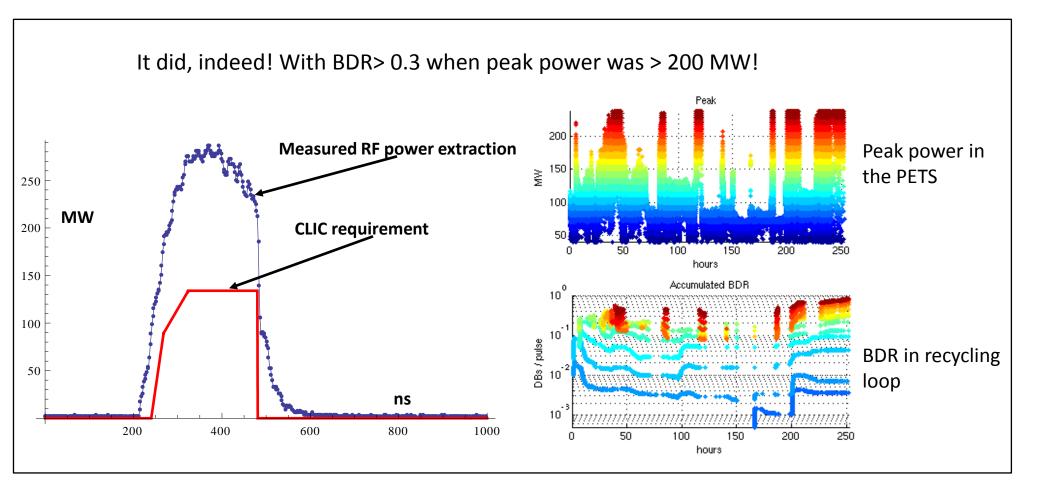
vlovable

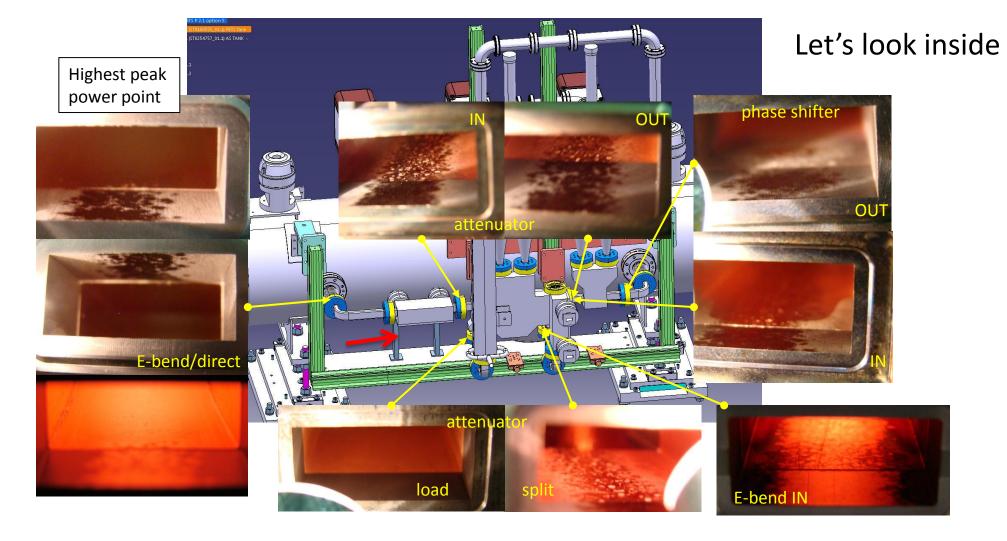
short circuit

Few words about TBTS results during the past testing period

Chat in a corridor:

Igor... 'Roberto, why do we need to run PETS with power levels above 200 MW?' Roberto... ' Well, it works, so why do you ask? As well we have showed 150 M/m.'





Observations:

- > All he stainless steel flanges show sort of breakdown erosion on the surface.
- > The copper surfaces in attenuator (GYCOM) are seriously damaged in ALL the channels.
- > In the phase shifter (also made by GYCOM) copper surface is pretty clean.