

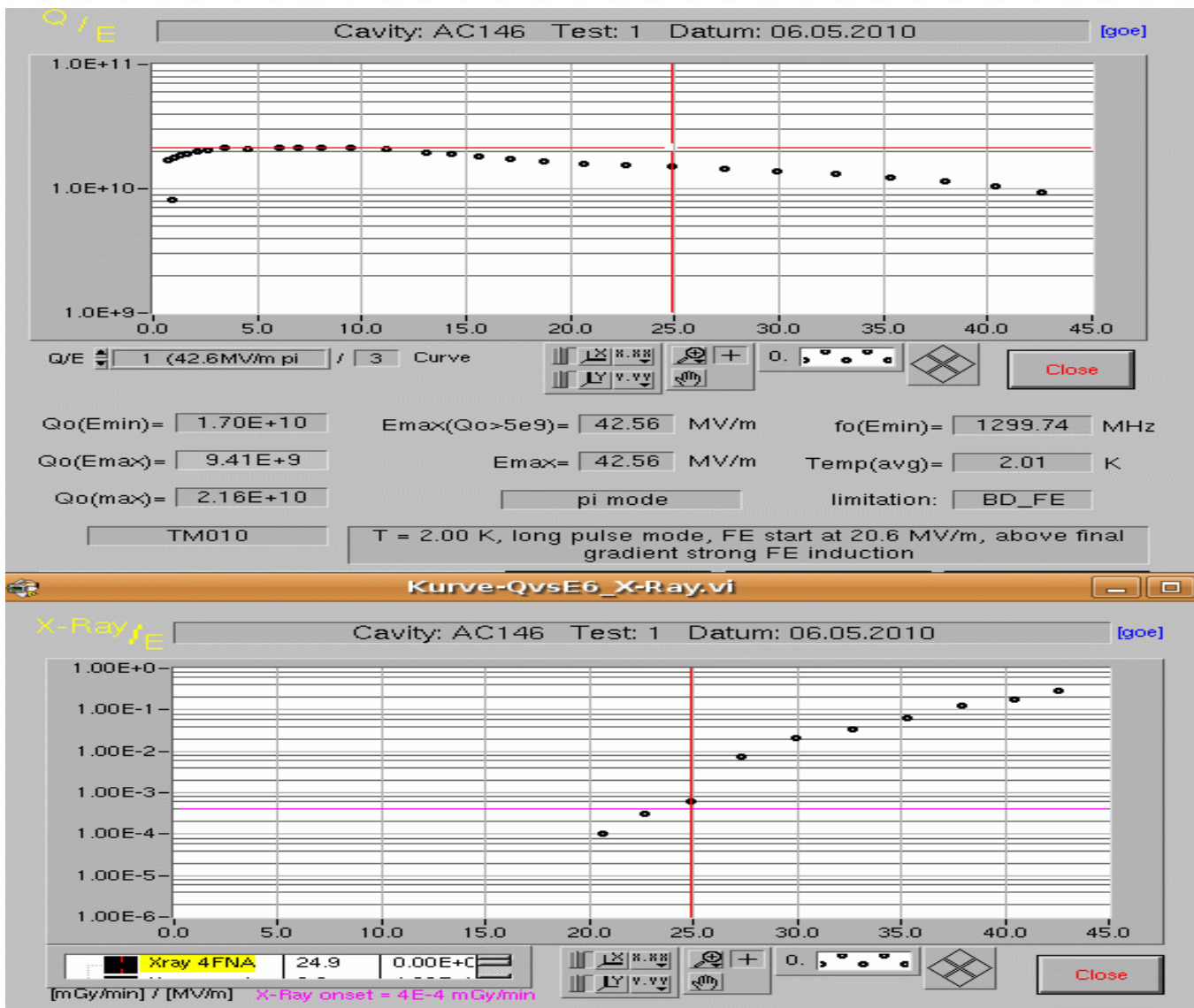
- Problems with cryo-plant (reported in last meeting) solved
 - **No 2K available was available due to problem with pumps**
 - **Queue of cavities to be (re-)tested is being reduced**
- Maintenance shut-down of the clean room finished, back in operation
- Batch of 8 LG cavities
 - **Surface preparation finished for most cavities**
 - **Vertical tests done for 2 cavities**
 - **Results to be presented in next meeting**



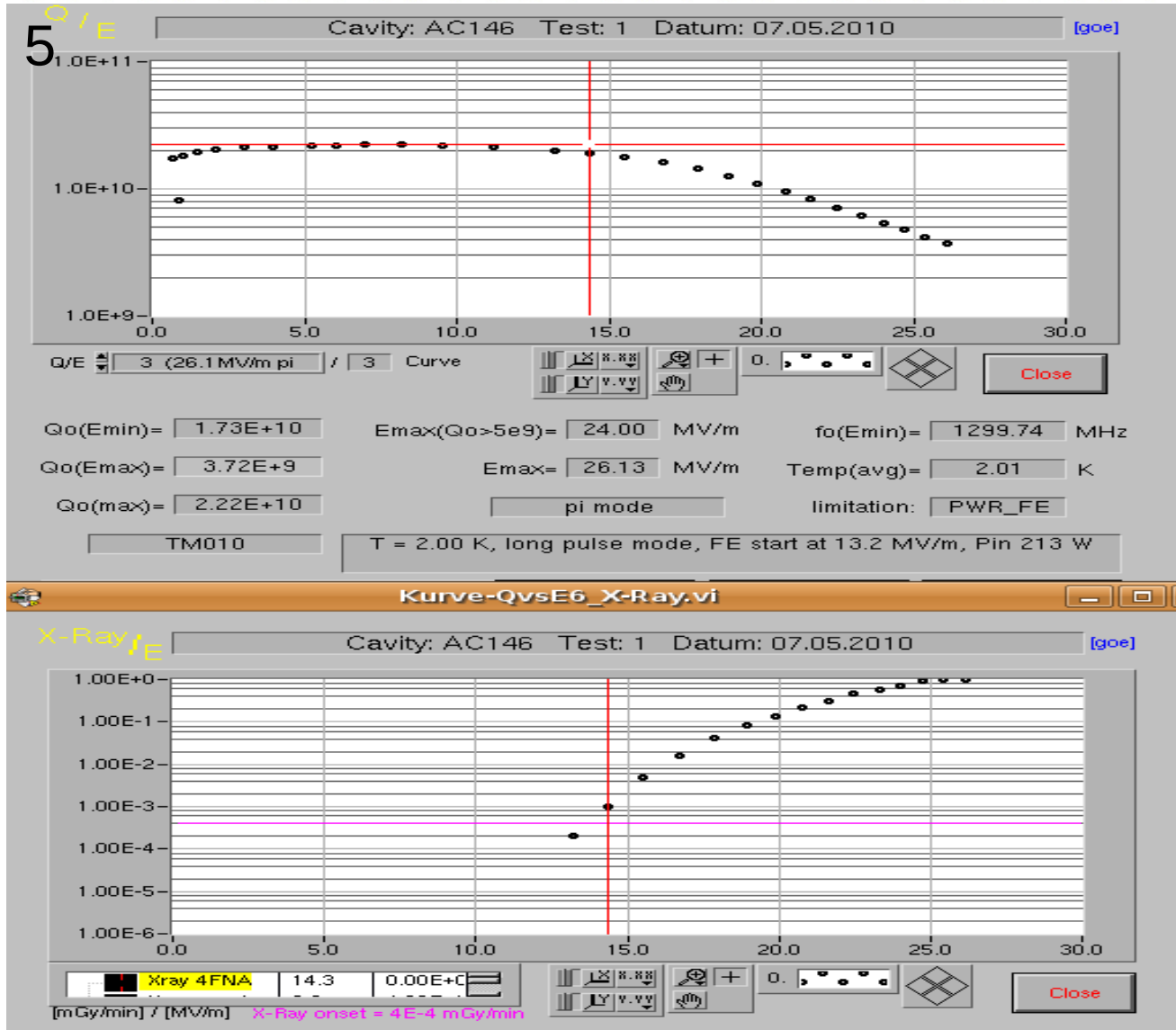
Vertical test of AC146

- Cavity treatment history:
 - Bulk-EP at DESY: 171 um
 - 800C HT
 - Final EP at DESY: 48 um
 - 6xHPR
 - 120C bake for 48 h

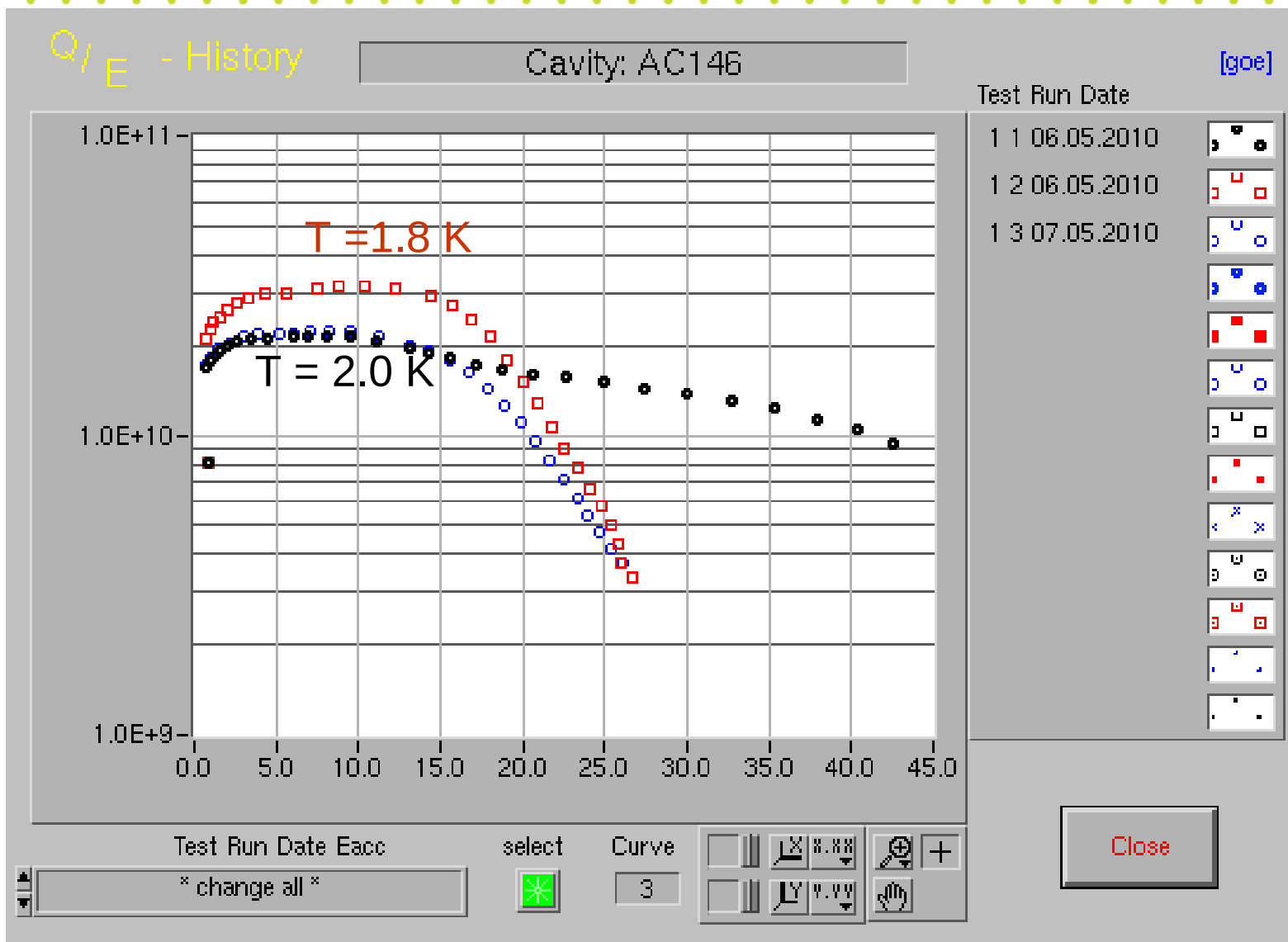
1st power-rise pi-mode



2nd pi-mode



All power-rises





Summary of AC146, test 1

- Limited at 26.1 MV/m by PWR_FE, $Q=3.9E9$, with strong FE (1mGy/min)
- In the 1st power rise 42.6 MV/m, $Q=9.4E9$ were reached before the first quench
- Mode measurement was not possible due to attached HOM coupler feedthroughs