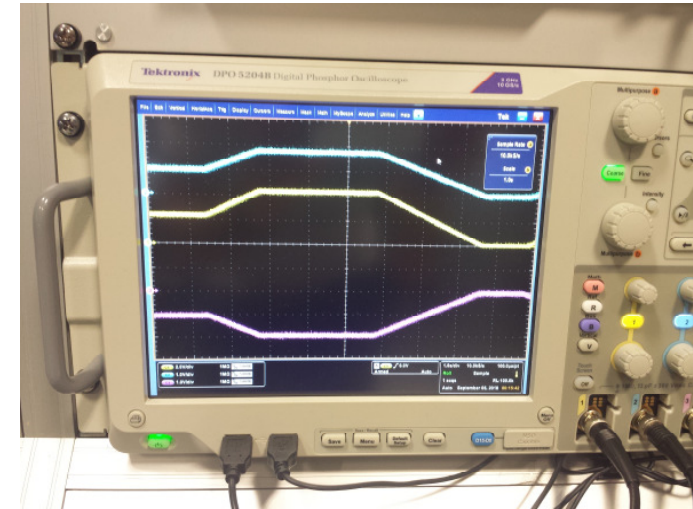


ESR Status September 12, 2018



- **shutdown work finished, all ESR systems are ready for commissioning**
- **checking of beam diagnostics hardware nearly completed, some issues about controlling diagnostic devices still are unclear**
- **a basic version of position monitor digitization and display (standalone system) should be available for the beam commissioning**
- **conditioning of electron cooler high voltage successful**
- **final tests of stochastic cooling system completed**

ESR commissioning without beam (dry run):
basic functionality to ramp power converters
in synchrotron mode was demonstrated
but: no diagnostics or read out is available
from control system,
first attempt to use trim functions failed



next steps: prepare and check ramping of rf system
test operation of electron cooler
synchronization SIS-ESR
implementation of advanced tools for ring/orbit control