



Provide a 5-slot ATCA shelf for testing with:

- PCIe switch + OSS adapter cards (from the FPSC alpha prototype)
- ATCA-MIMO-ISOL board (FPSC, Compass, JET?)

Collaboration on the Tomography Detector for NBTF

- Interface PCIe cable to the CCD S10420-1106-01 from Hamamatsu: Xilinx Spartan DevKit + detector assembly board with ADC and external trigger input at 50 Hz.
- Control and data interface firmware for FPGA.
- Device driver for Linux.