

2012-01-12

- (Update) Boards production: [quotation for fabrication received](#). New comparison study between the quotations received until now is [here](#).
- Development of firmware program for additional hardware programming
- Found cause of Front Board malfunction - incorrectly soldered component. This error was found on yet another module that was reportedly malfunctional and was only used to test carrier mechanics. Solder rework required at IPFN.

2012-01-16

- Component stock verification for ATCA-PTSW-AMC4.

2012-01-17

- Component stock verification for ATCA-PTSW-AMC4_RTM.
- PCB gerber files sent for manufacturing.

2012-01-18

- Ordering components for ATCA-PTSW-AMC4 modules.
- Creating file structure at ITER SVN

2012-01-19

- Ordering components for ATCA-PTSW-AMC4 modules.
- Add/update files to structure at ITER SVN
- Gerber modifications required by Lusodabel to manufacture RTM PCBs

2012-01-20

- Add/update files to structure at ITER SVN
- Test firmware for ATCA-PTSW-AMC4

2012-01-23

- Bill of Materials of ATCA-PTSW-AMC4 for HFA

2012-01-24

- Bill of Materials of ATCA-PTSW-AMC4_RTM for HFA

2012-01-25

- Received carrier module after rework at IPFN

- Test supply voltages and programming FPGA OK
- PCIe refclk is now available at the FPGA
- Unable to establish PCIe communication with 3 and 7m cable

2012-01-26

- Continuing tests using other motherboards.
- Impedance measure of PCIe lanes and Refclk.
- Board cleaning.
- Lusodabel reports 2 ATCA-PTSW-AMC4 modules didn't pass electrical tests and will be sent later.

2012-01-27

- Arrived 5 ATCA-PTSW-AMC4 and ATCA-PTSW-AMC4_RTM pcbs.
- finalizing production package for ATCA-PTSW-AMC4_RTM.
- contuning test of current hardware versions using different re-driver configurations.

2012-01-30

- PCIe communication was achieved and module is detected via lspci command. Tests will continue upon arrival of newer version of the ATCA-PTSW-AMC4_RTM.
- Sending ATCA-PTSW-AMC4_RTM pcbs to HFA.

2012-01-31

- Reviewing missing parts of BOMs, pending orders/acquisitions.

2012-02-01

2012-02-02

2012-02-03

- Answering to reviews of the ITER documents.
- correction of some wording issues regarding ITER documentation.

2012-02-06

- new quotation request HFA (ATCA-PTSW-AMC4_RTM).
- started ellaborating new versions for ITER documents.

2012-02-07

- discussing - device driver, firmware, test plan modifications.

- writing progress report.
- preparing new front panel files for manufacturing.

2012-02-08

- updating ITER files

2012-02-09

ITER progress meeting: (regarding the ATCA-PTSW-AMC4 hardware)

1. need to solution for labeling the led holes on Schoff mechanics
2. need to define how to name the "Front Board" (FB) alone, the "RTM" (alone) and FB + RTM (together)
3. need to explain in which extent are the FB functionalities independent of the RTM - i.e. can WR be implemented via AMC rather than RTM?
4. Software and Firmware files are missing - urgent.
5. Test plan is incomplete - modifications under progress.