

AGATA Phase 0 maintenance

Ian Lazarus

Phase 0 digitisers

- 3 core modules and 1 segment module have been sent to Daresbury for testing in the last 6 months.
 - 1 core module repaired (FPGA repaired to fix bad connection to fibre)
 - 1 segment module repaired (slow control)
 - 2 core modules tested and no fault found.
 - Need further tests in GANIL because they still fail in GANIL
 - Check that bit 15 of digitiser data is not being used for Preamp Inhibit
 - Instructions for error counter checks in EDOC720 (AGATA Audit page).



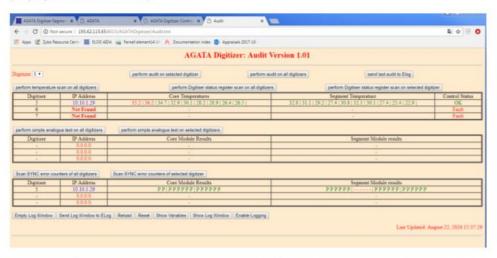
Using the AGATA Audit web page.

Overview

The AGATA digitizer controls contains an audit web page.

Access the Audit web page using http://<digitiser server ip >/AGATADigitizer/Audit.tml

(Pop-ups should be enabled)



When the page is opened it will use the global list of digitizers to create the "Digitizer" menu. Then create the results tables required for the number of digitizers; in the case of the example window there are three available.

When each of the Audit tests is performed the detailed results will be shown in a pop-up window and a summary will appear in the Audit window. That is in the case of the 'simple analogue' and the 'SYNC error counter scan' there will be a green P or a red F in the relevant module/channel position. If a module or ADC card is missing the results space is filled with red '-' instead.



Phase 0 ATCA cards

- Orsay test bench is broken so ATCA card testing is not possible
 - No repairs in the last 6 months (no test bench)
 - Test bench needs new server and new software