



MUON Cathode
FE Electronics

The Ohio State
University 

Channel Link Test

Code: /home/fast/fastdaq/daqmb-new2.8/utils/rad_test7.c

Running: 1. select CHANLNK run test
2. write down time for run start
3. monitor current for latchup

Test1 : analog/digital : (1:1)

Data is continually taken using the external pulser pulsed at 2.5 Volts. Readout is written to be as fast as possible. Only data checksums are checked. The data is not fully unpacked. Readout speeds should approach 350 events/s or 1.05 Mbyte/s (1.4 % live).

Monitor:

Terminal: Every 500 events a summary of errors is written out.
format: nevt hrs mins secs errcnt buff_gd buff_bd repeat
buff_gd and buff_bd represent the good and bad checksums and repeat gives the number of successive errors.

On Error: repeat <2 do nothing
repeat =2 reset_ddu, and a global reset

Output:

/home/fast/data/tmp_files/chanlnkMMDD_HH:MM.dat
Error data is logged to this file.