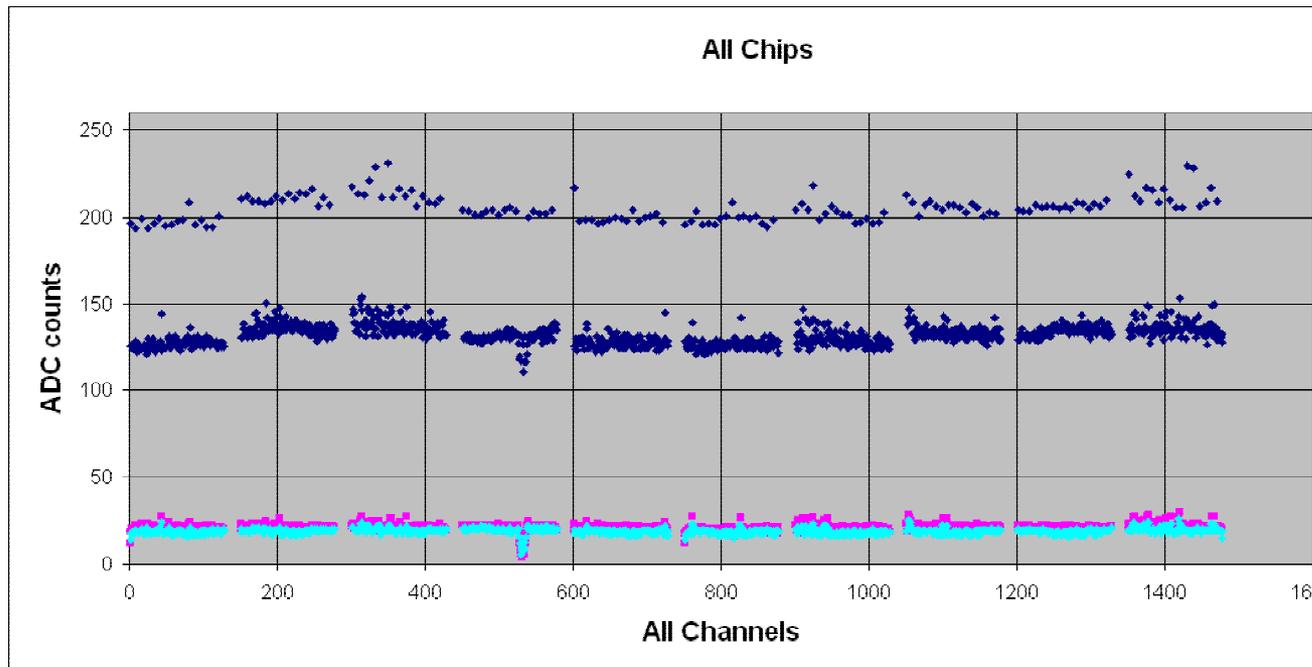




Electrical stove

Andrei Nomerotski 6/16/03

- Electrical stove milestone is end of June
 - ◆ Need L2A1010, L2A2020, L2S1010, L2S2020
- Status
 - ◆ L2A1010 is ready
 - ◆ L2A1010-103, CPT hybrid, HM sensors 20,21





Electrical stove status ctn'd

- L2A2020 is ready

- ◆ L2A1010-108, CPT hybrid, HM sensors 88, 131, 51, 48

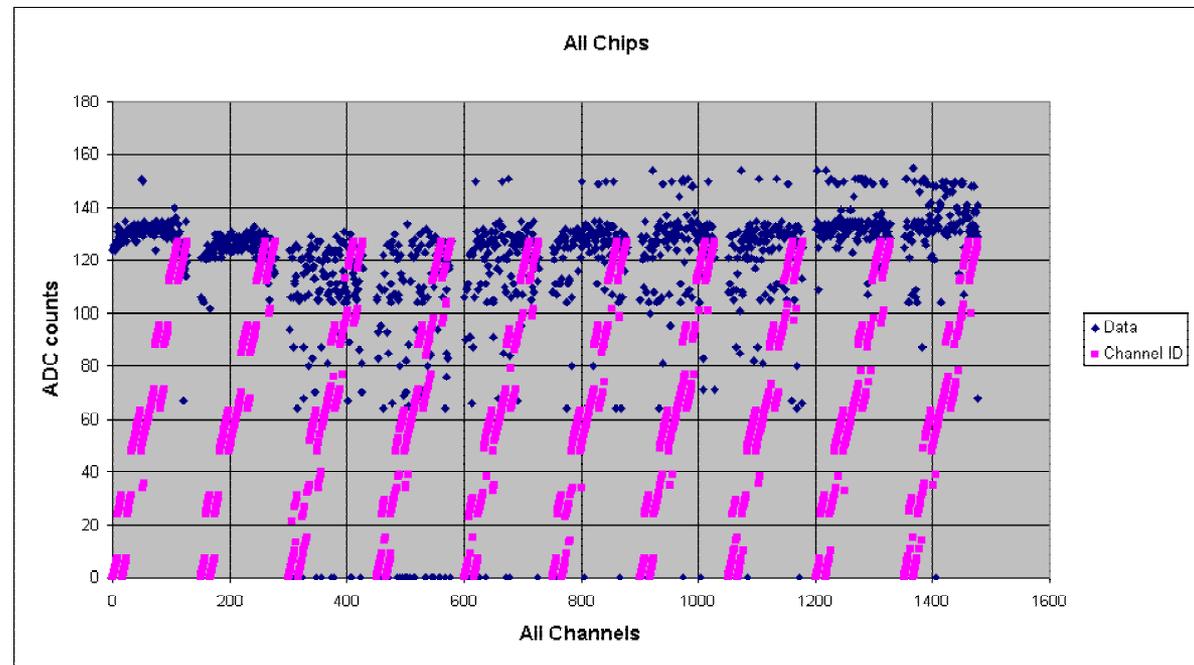
- ◆ Corrupted readout

- ▲ Short AVDD-GND at chip 8

- Chip 8 was good before module assembly
- Some intervention visible in the region of VCAL, AVDD, ISET bonds

- ▲ Solutions to try

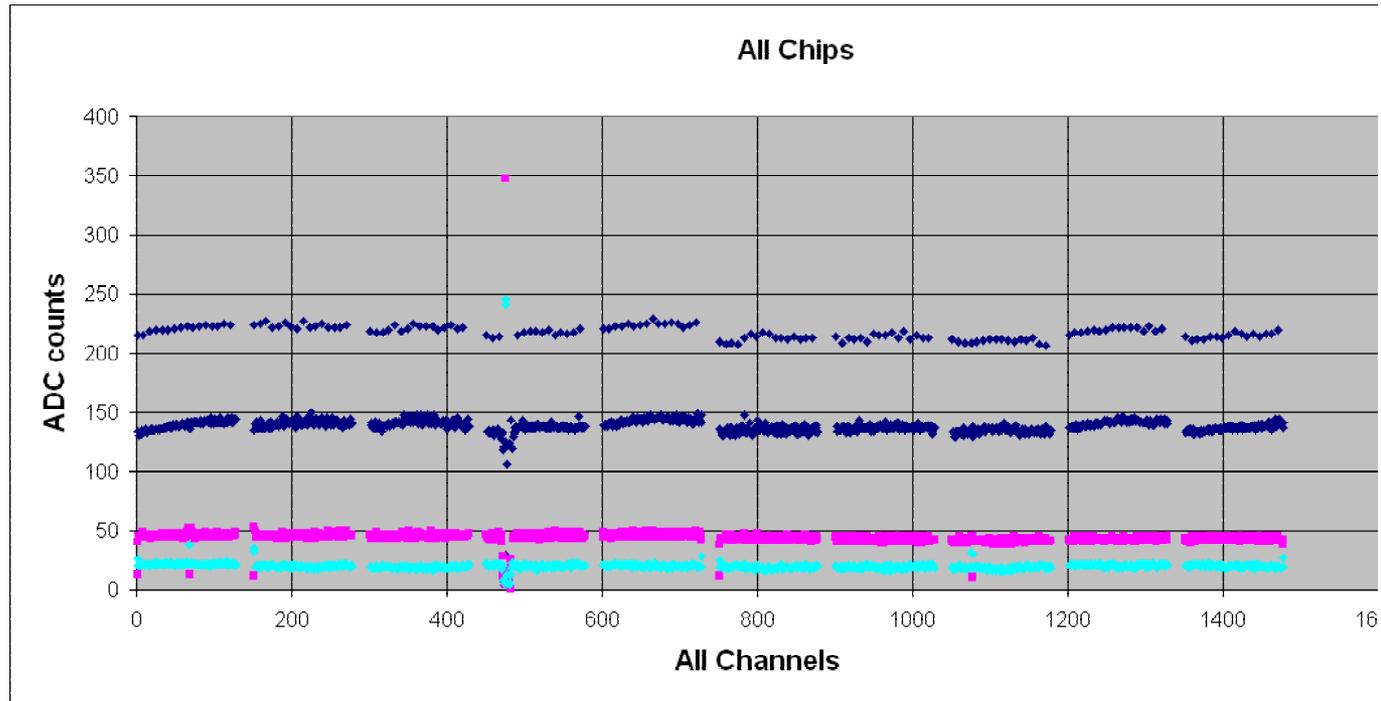
- Bypass chip 8
- Replace chip 8





Electrical stove status ctn'd

- L2S1010 is ready
 - ◆ L2S1010-1, CPT hybrid, HM sensors 57, 58
 - ◆ Works OK





Electrical stove status ctn'd

- L2S2020 is ready
 - ◆ L2S2020-2, CPT hybrid, HM sensors 64,63,19,65
 - ◆ Corrupted readout
 - ▲ Two bad chips #1 and #2 identified - needs more debugging
- Also have
 - ◆ L2S1010 with irradiated sensors - OK
 - ◆ L2A2020 R&D module, Amitron hybrid - OK
- Issues
 - ◆ Need to build more modules to have some pool to choose from
 - ▲ Have 2 good axial hybrids and 6 good stereo hybrids (all CPT)
 - ▲ Have only 4 tested sensors - need more sensors
 - ◆ Need to burn-in hybrids and modules
 - ▲ Waiting for software