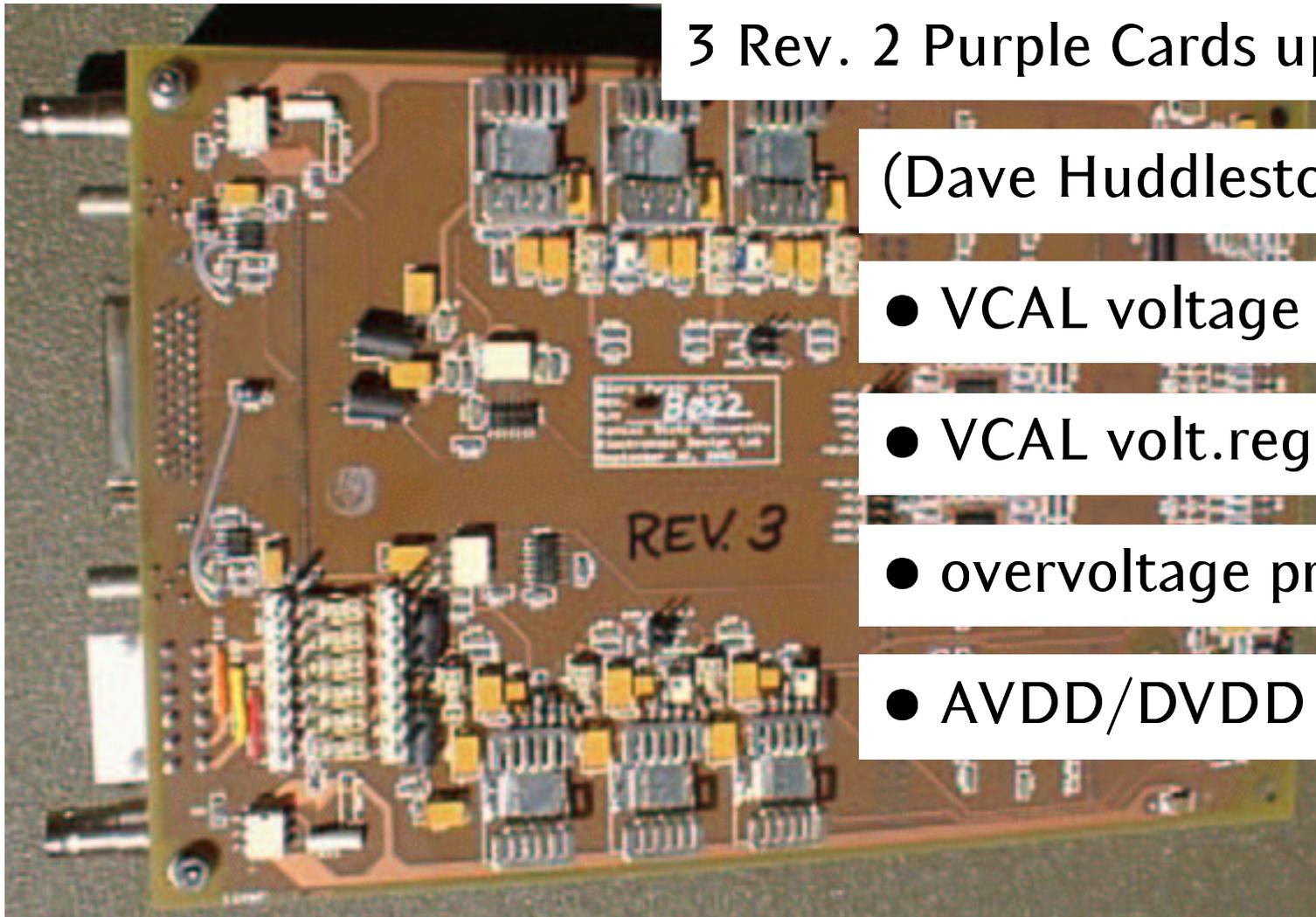


Purple Card Rev. 3 tests at KSU



3 Rev. 2 Purple Cards upgraded

(Dave Huddleston, EDL)

- VCAL voltage divider
- VCAL volt.reg. circuit
- overvoltage protection
- AVDD/DVDD range

First test results

generally: **Rev. 3 Purple Cards behave fine!**

- new VCAL circuitry works. Max voltage at hybrid 2.5V
- noise level looks good.

Exception:

- card B010 channel B: huge common mode noise
- noise level at KSU test stand generally a bit too high right now (full chain + purple card).
connectors on jumper cable worn out?
- overvoltage protection not yet tested
(destructive — at least for the fuse)