

# Power Mezzanine testing @ SINP

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Number	Type	Location
1	PM-3.3V	SINP
2	APM-2.5V	SINP
3	PM-1.0V	SINP
4	APM-1.6V	SINP
5	PM-1.0V	SINP
6	PM	SINP
7	APM	SINP
8	PM	SINP
9	APM	SINP
10	PM	SINP
11	PM	UMN
12	APM	UMN
13	PM	UMN
14	APM	UMN
15	PM	UMN
16	PM	SINP
17	APM	SINP
18	PM	SINP
19	APM	SINP
20	PM	SINP

# Tests carried out

- Tests :
  - Reading MAC address : Successful
  - Writing tester & test site name to EEPROM : Successful
  - Testing cards for 1 min (reading I2C for I,V,P,T) : Successful
  - Long test (39hrs) for all mezzanines : Successful
- Problems :
  - Testing hardware has some problem for 1.6V APM & 1.0 V PM
- Fix :
  - We have two 1.0V PM so we used other one but take double time.
  - For 1.6V we changed the Load resistances of 2.5 V APM.

# Status

- Long test carried out for 15 mezzanine but 1 card don't pass the test.
- Have to debug in future
- 10 out of 15 mezzanine are now mounted on two AMC13 card
- Preliminary tests with AMC13 shows that cards is stable
- Will do remaining tests in next couple of days.