

LOM03 Hybrid

20190315 LOM03 previously failed the HV test. It was determined that capacitors on the Hybrid were causing a short, so current was too high on board.

Capacitors have been replaced at Slac. This test will determine if issue is fixed.

High Voltage Test

V/D:I/D

(V) (uA)

10 0.05

30 0.08

50 0.05

100 0.03

200 2.05

300 0.07

500 0.05

Low Voltage Test

V/D:I/D

Pre-Config

(V) (A)

2.50 0.001

2.50 0.134

1.25 0.000

Post-Config

(V) (A)

Hard Reset works.

Failed to load baseline_config_L0.

CommLink::queueRegister -> Register: Mode, Write, Destination: 0x00000000, Address: 0x01103701, Failed!!!!

CommLink::queueRegister -> Register: Error, Read, Destination: 0x00000000, Address: 0x01103700, Failed!!!!

Note on above is that this hybrid does not have APVs, so this behavior is expected.

04/01/2019

LOM03 Hybrid pre-test (caps have been replaced)

High Voltage Test

V/D:I/d

(V) (uA)

Power Supply not working

Low Voltage Test

Pre-config

V/D:I/D

(V) (A)

AVDD: 2.50 0.107

DVDD: 2.50 0.240

V125: 1.25 0.000

Post-Config

V/D:I/D

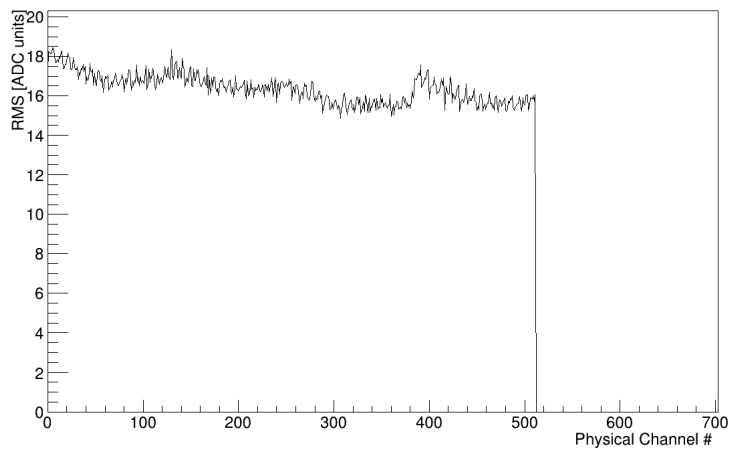
(V) (A)

AVDD: 2.50 0.314

DVDD: 2.50 0.245

V125: 1.25 0.230

Fit Noise



Sample 3 Data

