DAMIC-ACM
Prototype - Initial Test

The University of Chicago

Mircea Bogdan
April 12, 2023
DAMIC - ACM

Module Under Test

Mircea Bogdan
DAMIC - ACM

Assembly Problem 1

Wrong Buffer Chip Installed in two locations on both boards

Boards were returned to assembly house for repair

Mircea Bogdan
DAMIC - ACM

Assembly Problem 2

Wrong LDO Installed in one location on one board

Board was repaired in Chicago

Mircea Bogdan
DAMIC - ACM

Test Setup

Mircea Bogdan
DAMIC - ACM

Smoke Test

Mircea Bogdan
DAMIC - ACM

+2V

Default Voltage Levels

Mircea Bogdan
DAMIC - ACM

Default Voltage Level – VSUB

Mircea Bogdan
DAMIC - ACM

VME Communication - OK

Default Voltage Levels - OK

Modules are ready for testing with firmware