

**SEISMIC LOAD TEST
PARAMOUNT NETWORK FRAME –44u X 30”W X 40”D**

ITEMS TESTED: Paramount (Network Rack) Frame

TEST COMPLETION DATE: 10/23/2012

TEST SPECIFICATIONS: NEBS GR-63-CORE

MANUFACTURER: **Wright Line LLC**, 160 Gold Star Blvd, Worcester, MA 01606

PURPOSE: To test the maximum static load capacity of the internal frame up to **1300 lbs.**

TEST PROCEDURE: The test article was loaded with a graduated load distribution, with the load concentrated at the bottom of the cabinet. Bottom justification of the load was to facilitate a reasonable lowering of the center of gravity of the load mass, minimizing the stresses presented to the cabinet structure resulting from acceleration of the test article during dynamic testing.

The total load installed into the cabinet’s structure was 1350 lbs. 1300 lbs. were distributed over six load trays mounted to the cabinet’s EIA equipment rails and an additional 50 lbs was mounted externally to the top panel of the cabinet, to simulate an overhead cable load.

100 #6 top tray

146 #5

192 #4

238 #3

284 #2

340 #1 bottom tray

1300 lbs rail mounted

+ 50 lbs overhead cable load

1350 total “load test weight”

+450 frame assembly

1800 lbs total “unit under test” weight

FINDINGS: The internal frame, as configured, to be in compliance with Seismic Testing in accordance with GR-63-CORE.