

AMB-280A

Random vibration Test Report

Issued by:	/	2003/04/01
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Terry Huang Mechanical Engineer		Date
Reviewed by:	/	2003/04/25
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Johnny Cheng Mechanical Manager		Date

Test Date: 04-01-2003

Test Product: AMB-280A

Test Site: AAEON QA Internal Lab.

Performed By : Art Liao

Test Standard : Reference IEC68-2-64 Testing procedures
Test Fh : Vibration boardband random test

Test Equipment:

Vibration Simulator System

KING DESIGN Co. LTD.

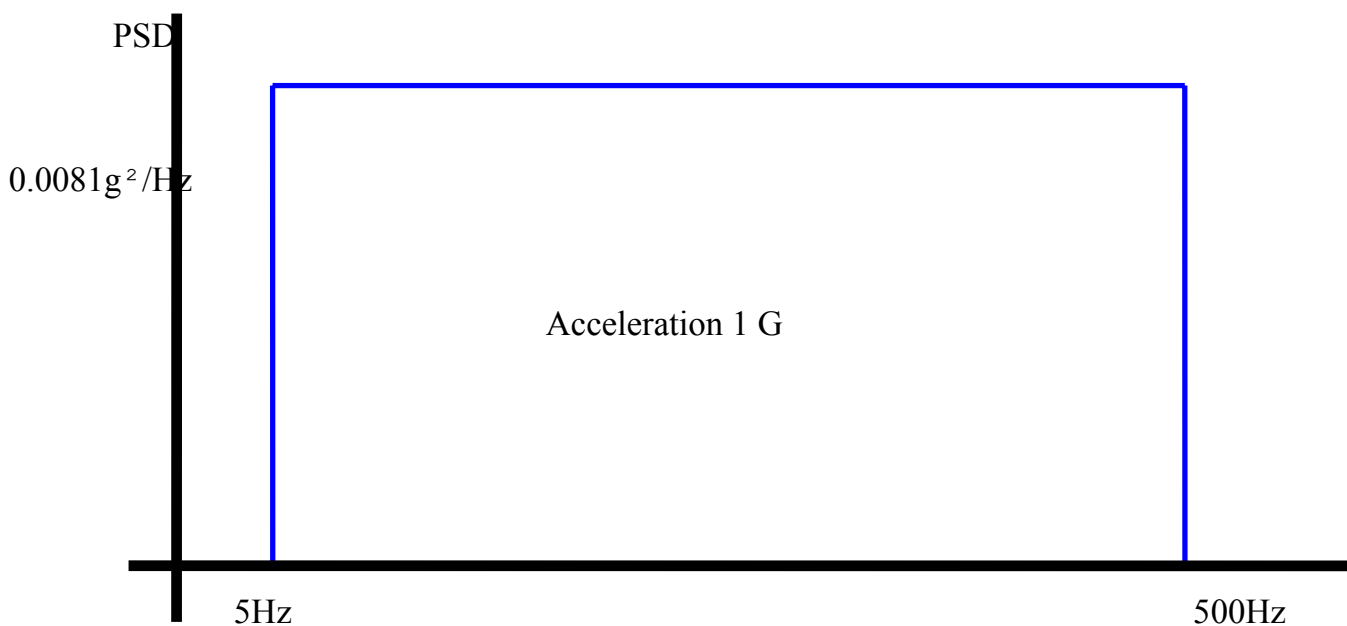
Model : KD 9363-EM-600F2K-40N20

Serial Number : UU110099090

Date of Calibration : 10/29/2001

Test Condition :

1. Operation
2. Test Acceleration : 1G
3. Test Frequency : 5-500Hz
4. Test Axis : X ,Y,Z axes
5. Test Time : 1 hour each axis
6. Test Software : Running Speedy program for video test
7. Test Vibration Curve :



Sample Configuration & Quantity Under Test :

Using one AMB-232A Industrial display panel .

1. CPU :
2. Memory :
3. HDD :

Performance Criteria :

Electronic function check:

LCD panel functions must be checked with appropriate testing programs and should pass the inspection.

Mechanical function check:

The switch button , cover, and slot should work properly without any interference.

Test Result :

Passed.

The AMB-280A Industrial Display panel meets Vibration random 1G operation test.

Photo I:



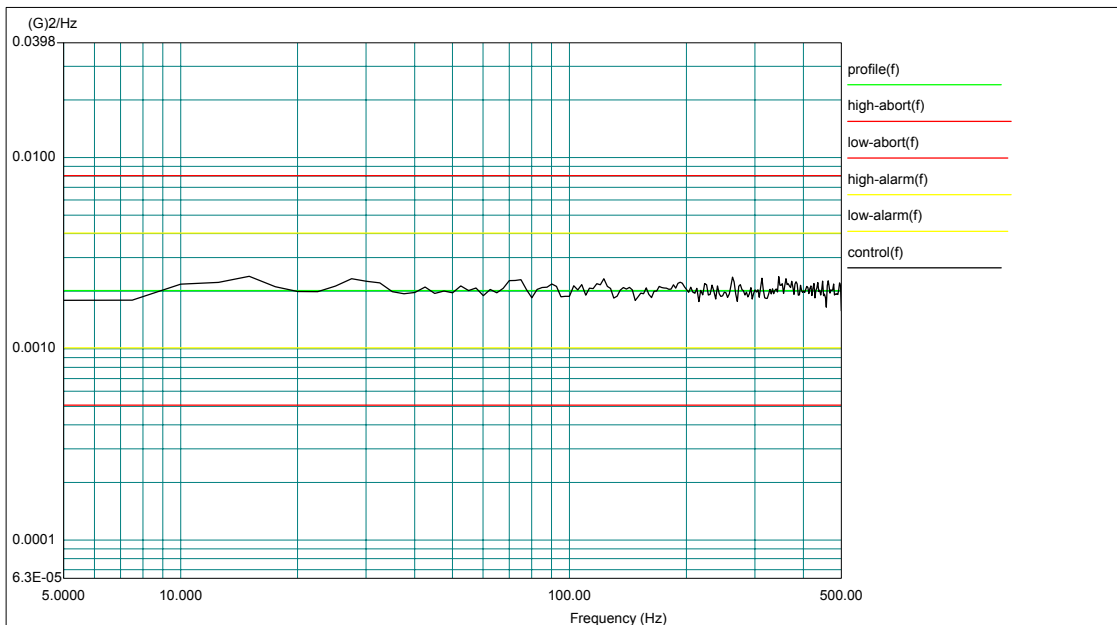
AMB-280A operation random vibration test for Z-axis

Project File Name: 1G.prj

Profile Name: Nav-Mat

Test Type: Random

Run Folder: \Run Apr 01,2003 10-26-30



Level: 100 %

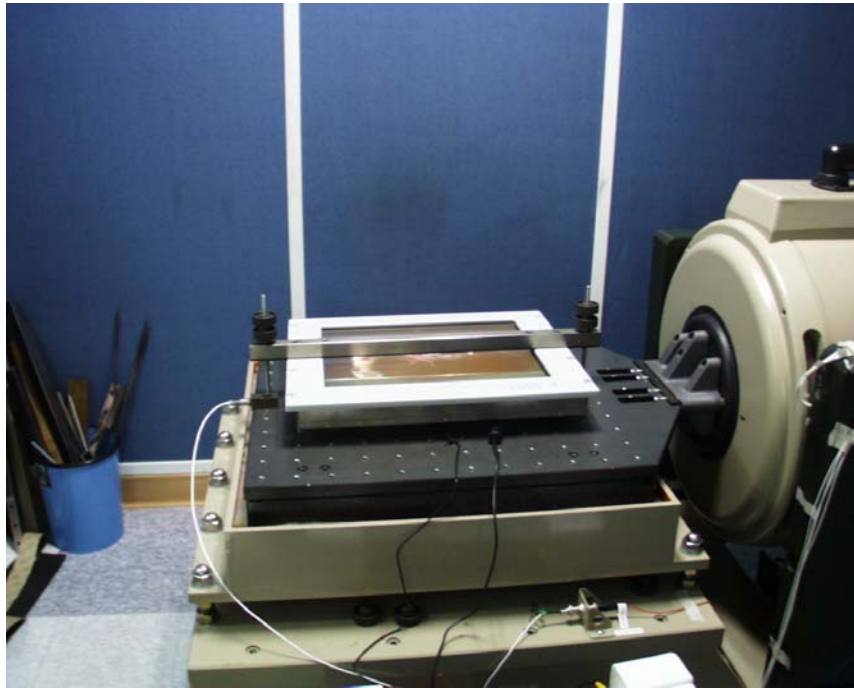
Control RMS: 1.007421 G Full Level Elapsed Time: 01:00:00

Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time: 00:00:00

DOF: 154 dF: 2.500000 Hz

Photo I:



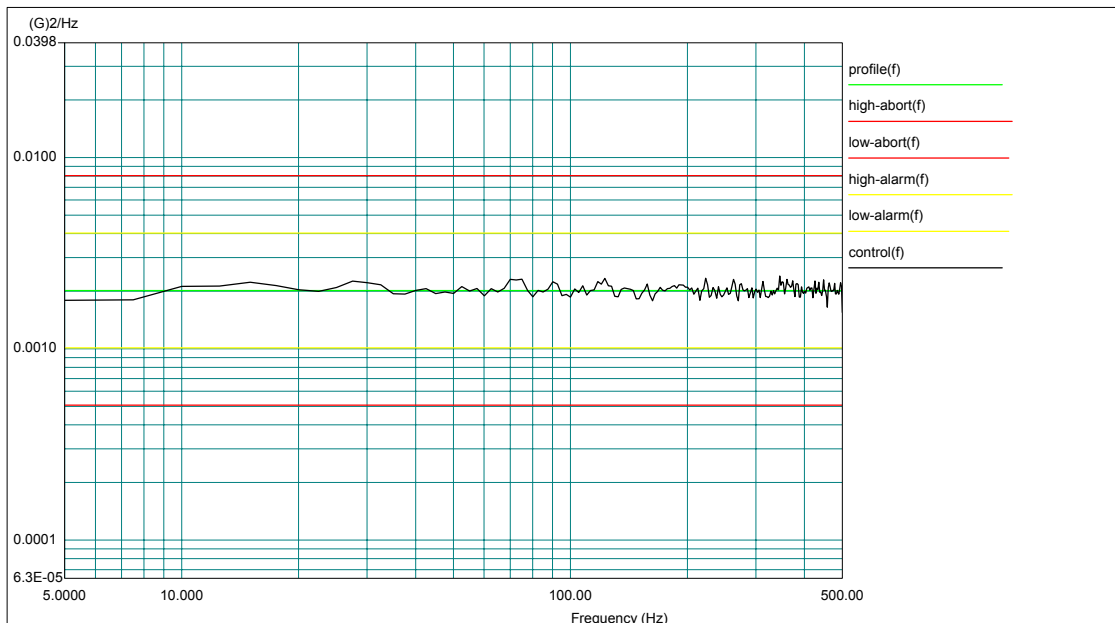
AMB-280A operation random vibration test for Y-axis

Project File Name: 1G.prj

Profile Name: Nav-Mat

Test Type: Random

Run Folder: \Run Apr 01,2003 15-39-06



Level: 100 %

Control RMS: 1.007076 G Full Level Elapsed Time: 01:00:00

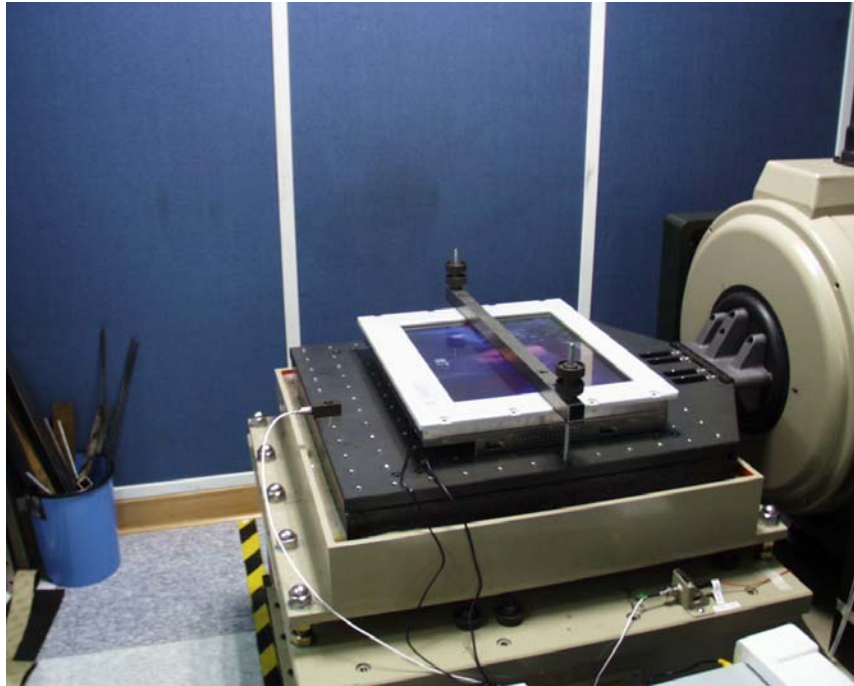
Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time:

00:00:00

DOF: 154 dF: 2.500000 Hz

Photo I:



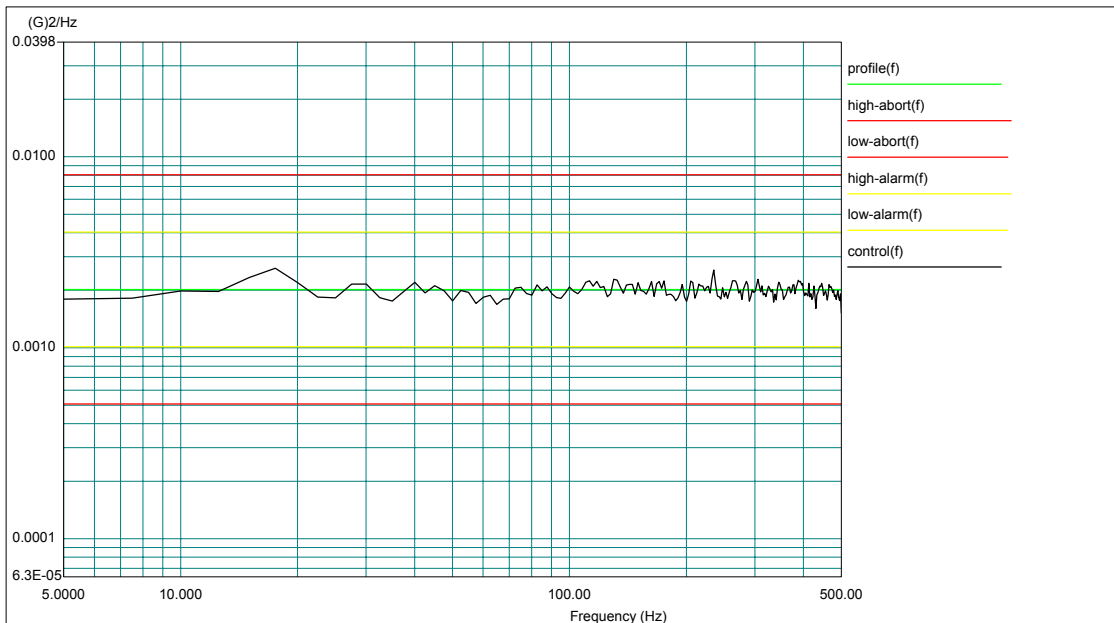
AMB-280A operation random vibration test for X-axis

Project File Name: 1G.prj

Profile Name: Nav-Mat

Test Type: Random

Run Folder: \Run Apr 01,2003 16-50-31



Level: 100 %

Control RMS: 0.997164 G Full Level Elapsed Time: 01:00:00

Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time: 00:00:00

DOF: 154 dF: 2.500000 Hz