

OPD-212A

Vibration Test Report

Report NO :

Issued by: Terry Huang / JAN/24/2003

Reviewed by: Jonny Cheng / JAN/24/2003

Test Date: 11-20-2002

Test Product: 12" Open Display Monitors

Test Site: AAEON QA Internal Lab.

Performed By : Terry Huang

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 Random
3. Test Frequency : 5-500Hz
4. Test Axis : X ,Y,Z axes
5. Test Time : 40min each axis
6. Test Software : Running Speedy program for video test
7. Test Vibration Curve :

Testing Photos :

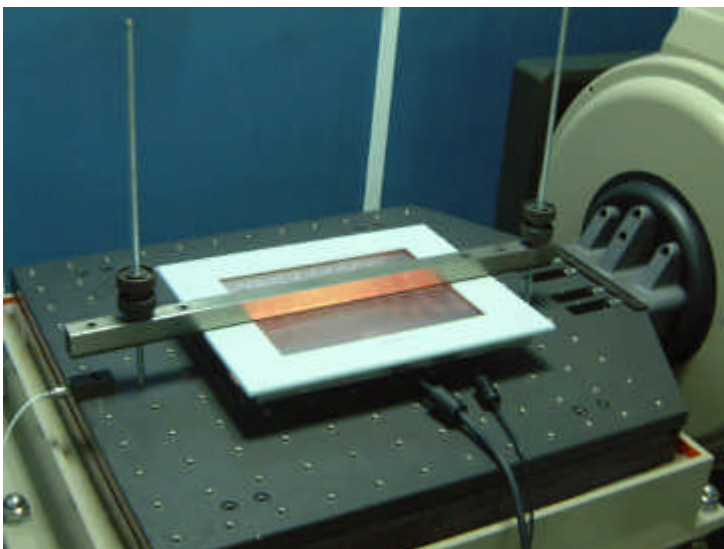
X -Axis



Y-Axis



Z-Axis

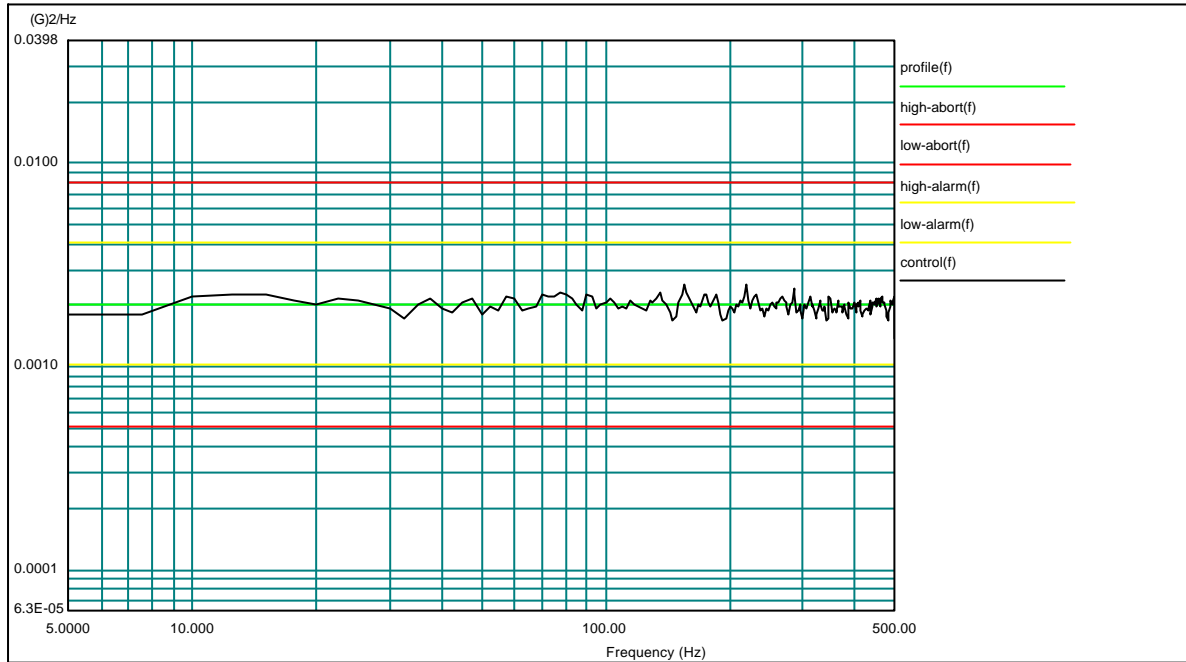


Project File Name: X-Ajis

Profile Name: Nav-Mat

Test Type: Random

Run Folder: .\Run Jan 24,2003 15-06-03



Dactron Shaker Control - Random.1G.prj

Project Test Setup Profile Test Controls Report Window Pane Cursor Help

Channel Status

1G.prj:Composite

(G)2/Hz profile(f) high-abort(f) low-abort(f) high-alarm(f) low-alarm(f) control(f)

Control RMS: 0.02114 (G) Demand RMS: 0.01914

Level: 1.912 (%) Drive: 0.0013 (Volts)

Full Level Elapsed: 00:35:34
Total Elapsed: 00:35:51
Total Remaining: 00:24:24

Auto. Abort Checks: ON OFF
Closed Loop Control: ON OFF
Schedule Clock Timer: ON OFF

0.066 (mm) P-P | 1.789 (mm/s) Pk

Activity: Ramping down...

Abort: User stopped

Start Stop Pause Continue

1G.prj:Channel Status

1.00
0.10
0.01
0V
-0.10
-1.00

Max= 8.71mV
Min= 2.51mV
RMS= 5.86mV
Peak= 8.71mV
Sig. Small

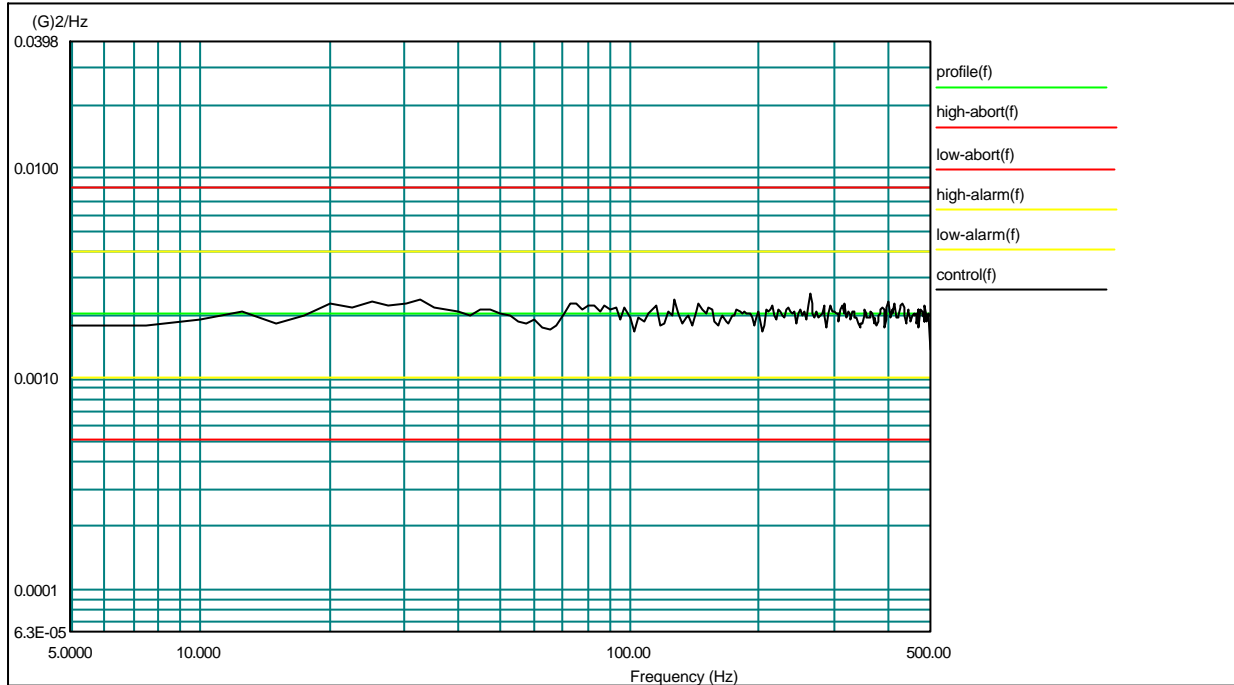
Ready Run Folder: .\Run Jan 24,2003 15-06-03 Profile: Nav-Mat

Project File Name: Y-Axis

Profile Name: Nav-Mat

Test Type: Random

Run Folder: \Run Jan 24,2003 15-44-58



Dactron Shaker Control - Random1G.prj

Project Test Setup Profile Test Controls Report Window Pane Cursor Help

Channel Status

Results saved.

(G)2/Hz profile(f) high-abort(f) low-abort(f) high-alarm(f) low-alarm(f) control(f)

0.0398

0.0100

0.0010

0.0001

6.3E-05

5.0000 10.000 100.00 500.00

Frequency (Hz)

Control RMS Demand RMS

0 (G) 0

Level 0 (%)

Drive 0.0000 (Volts)

Full Level Elapsed 00:32:16

Total Elapsed 00:32:34

Total Remaining 00:27:42

Auto. Abort Checks ON OFF

Closed Loop Control

Schedule Clock Timer

0.000 (mm) P-P 0.000 (mm/s) Pk

Activity Test aborted

Abort: User stopped

Start Stop Pause Continue

1G.prj:Channel Status

1.00

0.10

0.01

0V

-0.01

-0.10

-1.00

Max= 5.91mV

Min= 5.01mV

RMS= 5.49mV

Peak= 5.91mV

Sig. Small

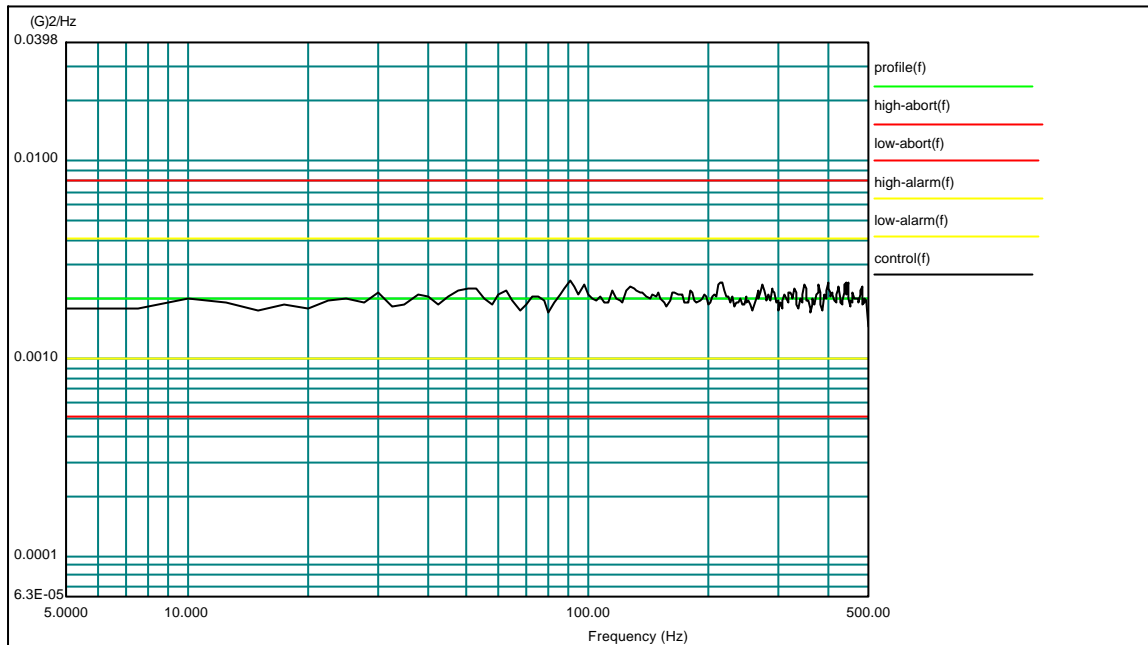
Ready Run Folder: \Run Jan 24,2003 15-44-58 Profile: Nav-Mat

Project File Name: Z-Axis

Profile Name: Nav-Mat

Test Type: Random

Run Folder: \Run Jan 24,2003 09-54-20



Dactron Shaker Control - Random.1G.prj

Project Test Setup Profile Test Controls Report Window Pane Cursor Help

Channel Status

1G.prj.Composite

(G)²/Hz profile(f) high-abort(f) low-abort(f) high-alarm(f) low-alarm(f) control(f)

Control RMS: 0.05798 (G) Demand RMS: 0.04808 (G)

Level: 4.802 (%) Drive: 0.0041 (Volts)

Full Level Elapsed: 00:30:10
Total Elapsed: 00:30:25
Total Remaining: 00:29:49

Auto. Abort Checks: ON OFF
Closed Loop Control: ON OFF
Schedule Clock Timer: ON OFF

0.166 (mm) P-P 4.494 (mm/s) Pk

Activity: Ramping down...
Abort: User stopped

Start Stop Pause Continue

1G.prj.Channel Status

1.00
0.10
0.01
0V
-0.01
-0.10
-1.00

Max= 0.01V
Min= -3.94mV
RMS= 6.37mV
Peak= 0.01V
OK!

Ready Run Folder: \Run Jan 24,2003 09-54-20 Profile: Nav-Mat