

OPD-217A

Vibration Test Report

Report NO :

Issued by: Jackson Chen / 03/18/2003
Me Engineer

Reviewed by: J.F Lin / 03/18/2003
Me Manger

Test Date: 03-18-2002

Test Product: 17" Open Display Monitors

Test Site: AAEON QA Internal Lab.

Performed By : Jackson Chen

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

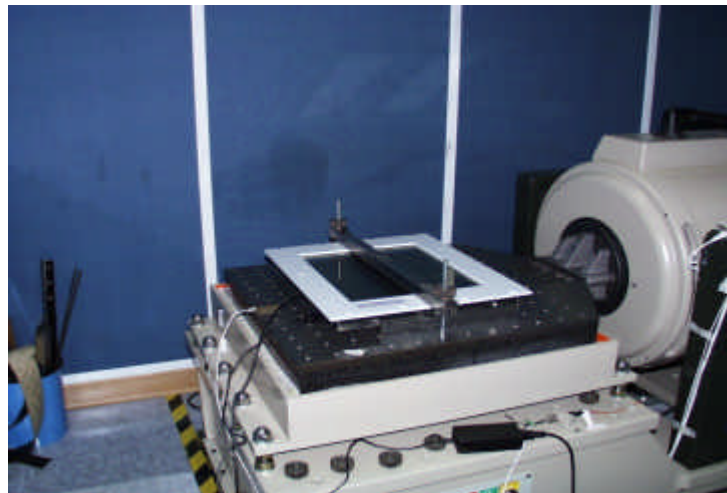
Date of Calibration : 10/29/2001

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 :

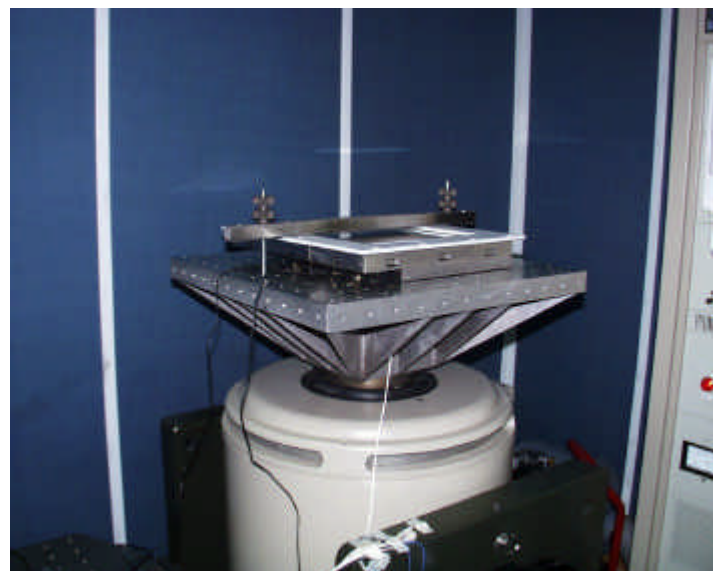
X -Axis



Y-Axis



Z-Axis

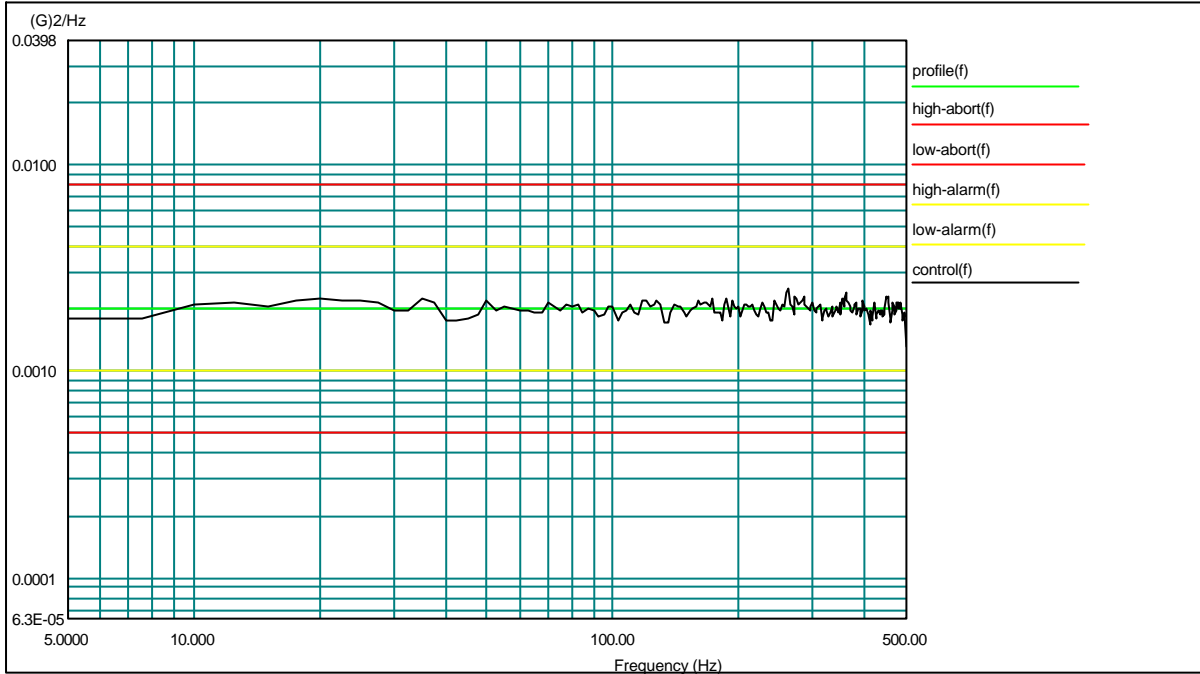


Project File Name: X-Ajis

Profile Name: Nav-Mat

Test Type: Random

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



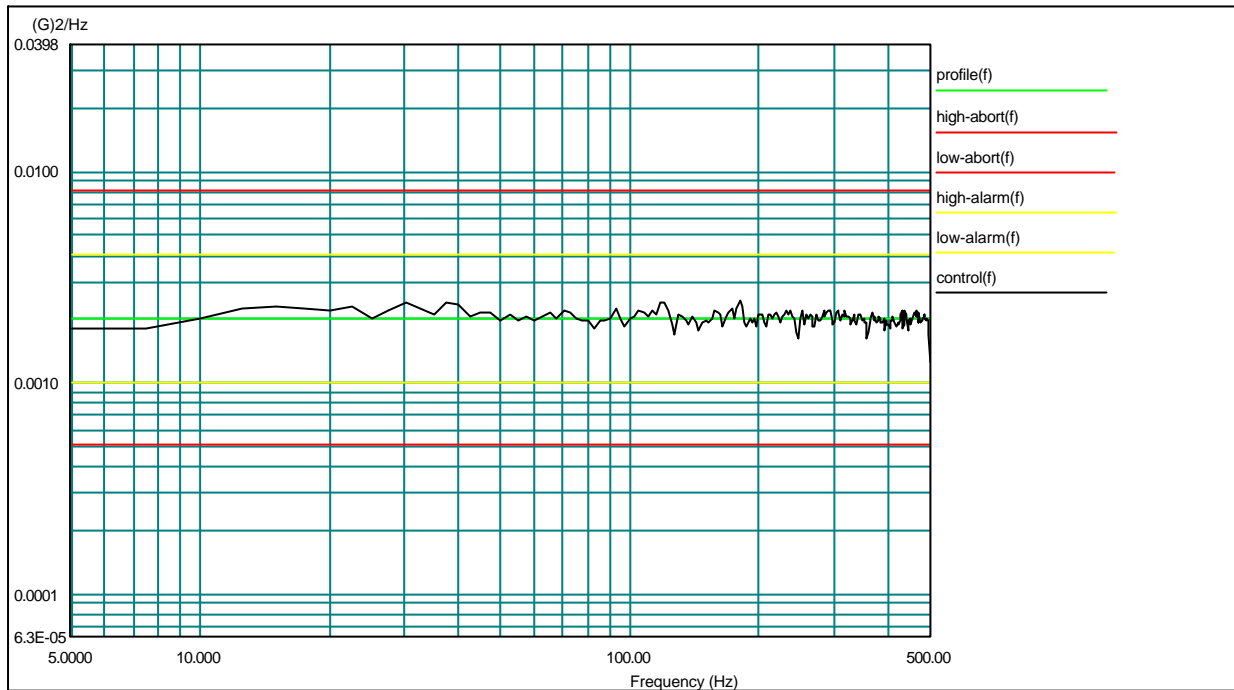
The screenshot shows the 'Dectron Shaker Control - Random:1G.prj' software interface. The main window displays a graph similar to the one above. On the right, control parameters are shown: Control RMS (0), Demand RMS (0), Level (0%), and Drive (0.0000 Volts). Timers indicate Full Level Elapsed (00:54:10), Total Elapsed (00:54:26), and Total Remaining (00:05:50). Control options include Auto. Abort Checks (OFF), Closed Loop Control (OFF), and Schedule Clock Timer (OFF). A red banner indicates 'Abort: User stopped'. Control buttons for Start, Stop, Pause, and Continue are visible. The bottom status bar shows 'Ready', 'Run Folder: \Run Mar 18,2003 10-52-52', and 'Profile: Nav-Mat'.

Project File Name: Y-Axis

Profile Name: Nav-Mat

Test Type: Random

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



The screenshot shows the 'Dactron Shaker Control - Random.1G.prj' software interface. The main window displays a 'Composite' graph with the same axes and data as the previous figure. To the right of the graph is a control panel with the following settings:

- Control RMS: 0 (G)
- Demand RMS: 0 (G)
- Level: 0 (%)
- Drive: 0.0000 (Volts)
- Full Level Elapsed: 01:00:00
- Total Elapsed: 01:00:16
- Total Remaining: 00:00:00
- Auto. Abort Checks: ON
- Closed Loop Control: OFF
- Schedule Clock Timer: OFF
- 0.000 (mm) P-P, 0.000 (mm/s) Pk
- Activity: End of test
- Mode: RANDOM
- Buttons: Start (green), Stop, Pause, Continue

At the bottom left, a 'Channel Status' window shows a bar graph for channel 1 with the following statistics:

- Max= 5.71mV
- Min= 4.96mV
- RMS= 5.34mV
- Peak= 5.71mV
- Sig. Small

The status bar at the bottom of the software shows 'Ready', 'Run Folder: \Run Mar 18,2003 11-51-39', and 'Profile: Nav-Mat'.

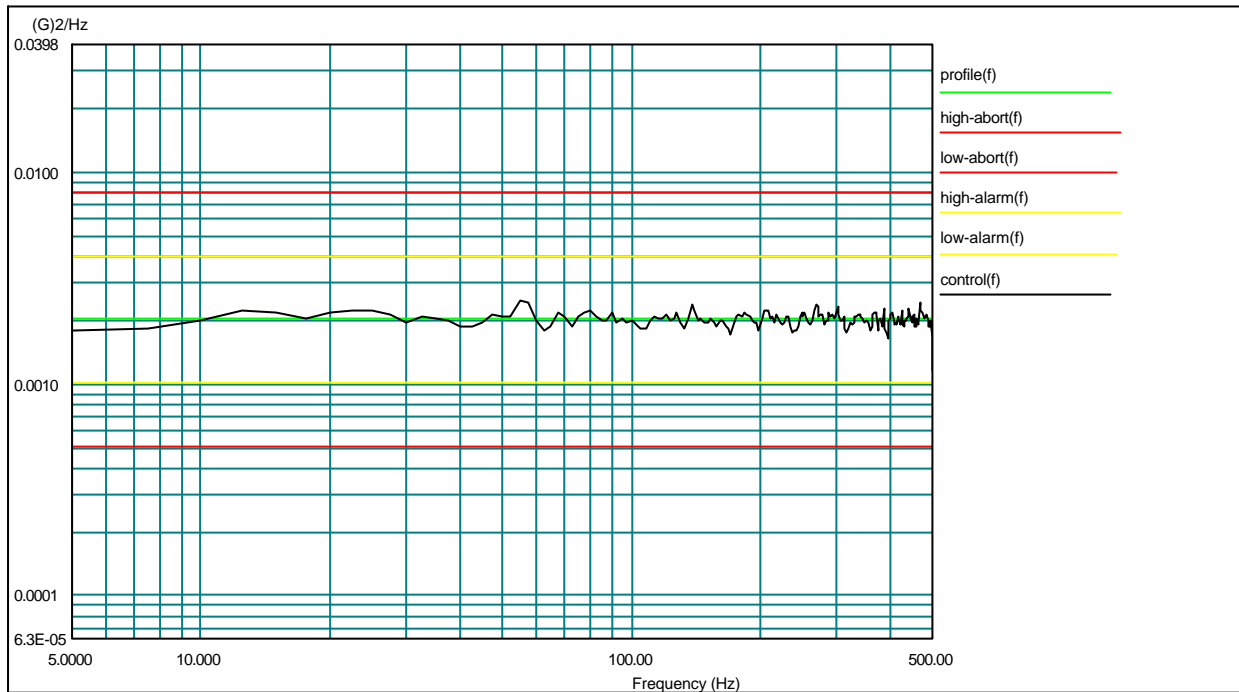
Project File Name: Z-Axis

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

Composite

1G.prj:Composite

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

Control RMS Demand RMS
0 (G) 0

Level 0 (%)
Drive 0.0000 (Volts)

Full Level Elapsed 01:00:00
Total Elapsed 01:00:14
Total Remaining 00:00:00

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

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

Activity End of test

RANDOM

Start Stop Pause Continue

1G.prj:Channel Status

1

Max= 5.53mV
Min= 4.49mV
RMS= 4.99mV
Peak= 5.53mV
Sig. Small

Ready Run Folder: \Run Mar 18,2003 13-51-44 Profile: Nav-Mat