

OPD-217A

Vibration Test Report

Report NO :

Issued by:	<u>Jackson Chen</u>	/	<u>03/18/2003</u>
	Me Engineer		
Reviewed by:	<u>J.F Lin</u>	/	<u>03/18/2003</u>
	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 :

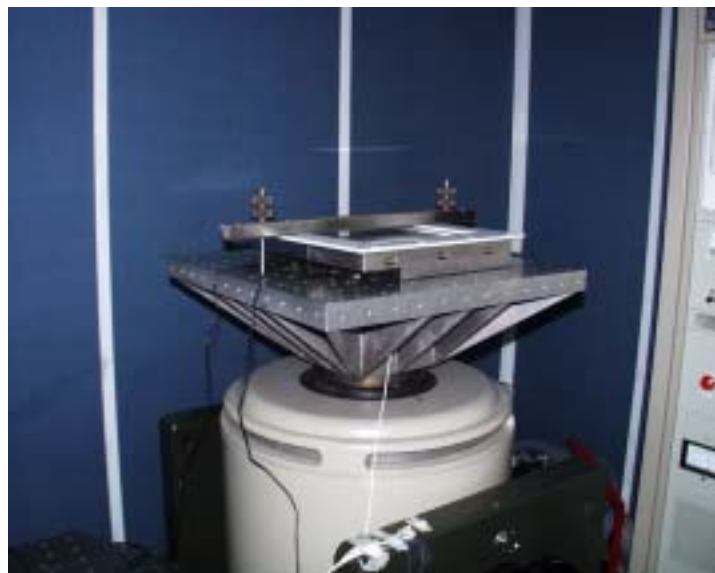
X -Axis



Y-Axis



Z-Axis

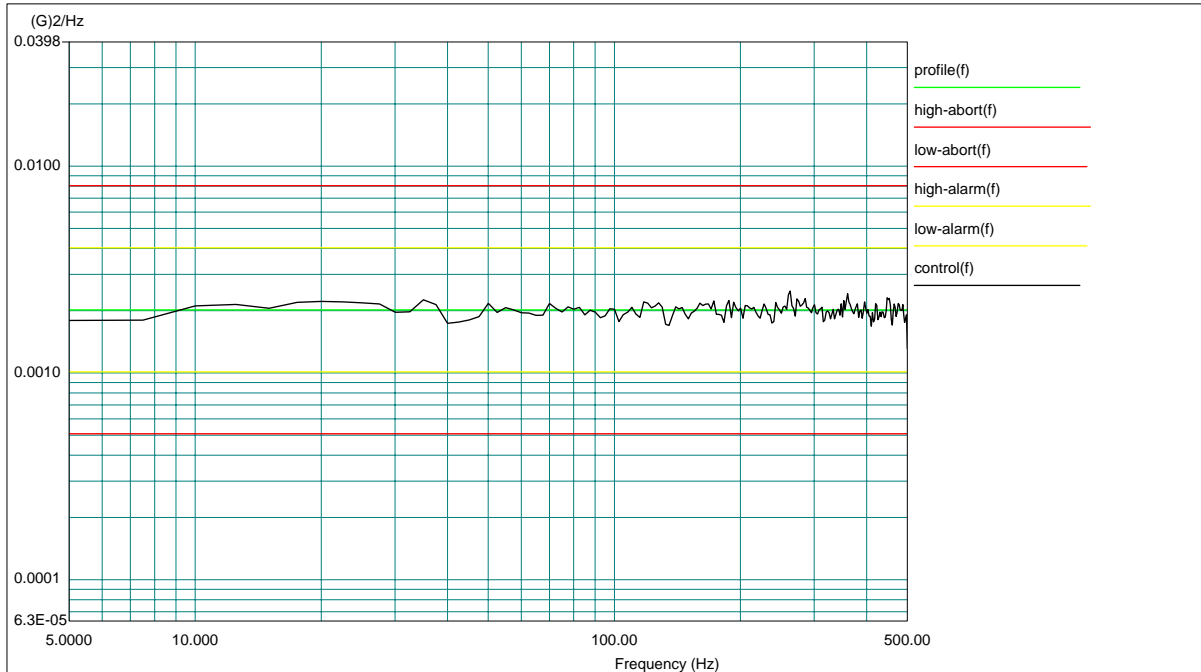


Project File Name: X-Ajis

Profile Name: Nav-Mat

Test Type: Random

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



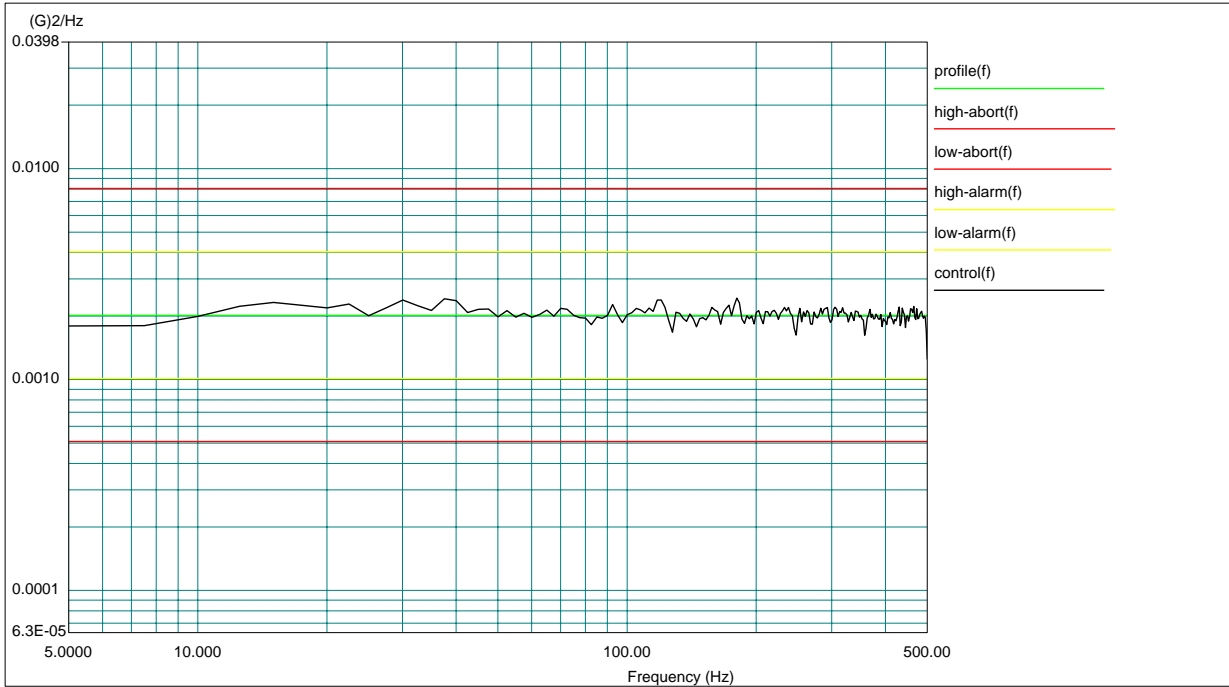
The screenshot shows the 'Dectra Shaker Control - Random.IG.pjt' software interface. The main window displays a 'Composite' plot of (G)2/Hz vs Frequency (Hz), identical to the figure above. The interface includes a menu bar (Project, Test Setup, Profile, Test Controls, Report, Window, Page, Cursor, Help) and a toolbar. On the right, control parameters are shown: Control RMS (0), Demand RMS (0), Level (0%), Drive (0.0000 Volts), and timing information (Full Level Elapsed: 00:54:10, Total Elapsed: 00:54:26, Total Remaining: 00:05:50). There are also checkboxes for Auto Abort Checks, Closed Loop Control, and Schedule Clock Timer. A red status bar indicates 'Abort User stopped'. At the bottom, there are 'Start', 'Stop', 'Pause', and 'Continue' buttons. The status bar at the very bottom 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 software interface. The main window displays the same graph as above. The interface includes a menu bar (Project, Test Setup, Profile, Test Controls, Report, Window, Page, Cursor, Help), a toolbar, and a control panel on the right. The control panel shows the following settings:

- Control RMS: 0
- Demand RMS: 0
- Level: 0 (%)
- Drive: 0.0000 (Volts)
- Pull 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
- Activity: End of test
- Mode: RANDOM
- Buttons: Start, Stop, Pause, Continue

The Channel Status window at the bottom left shows a bar graph of the signal amplitude and the following statistics:

- Max: 5.71mV
- Min: 4.96mV
- RMS: 5.34mV
- Peak: 5.71mV
- Sig: Small

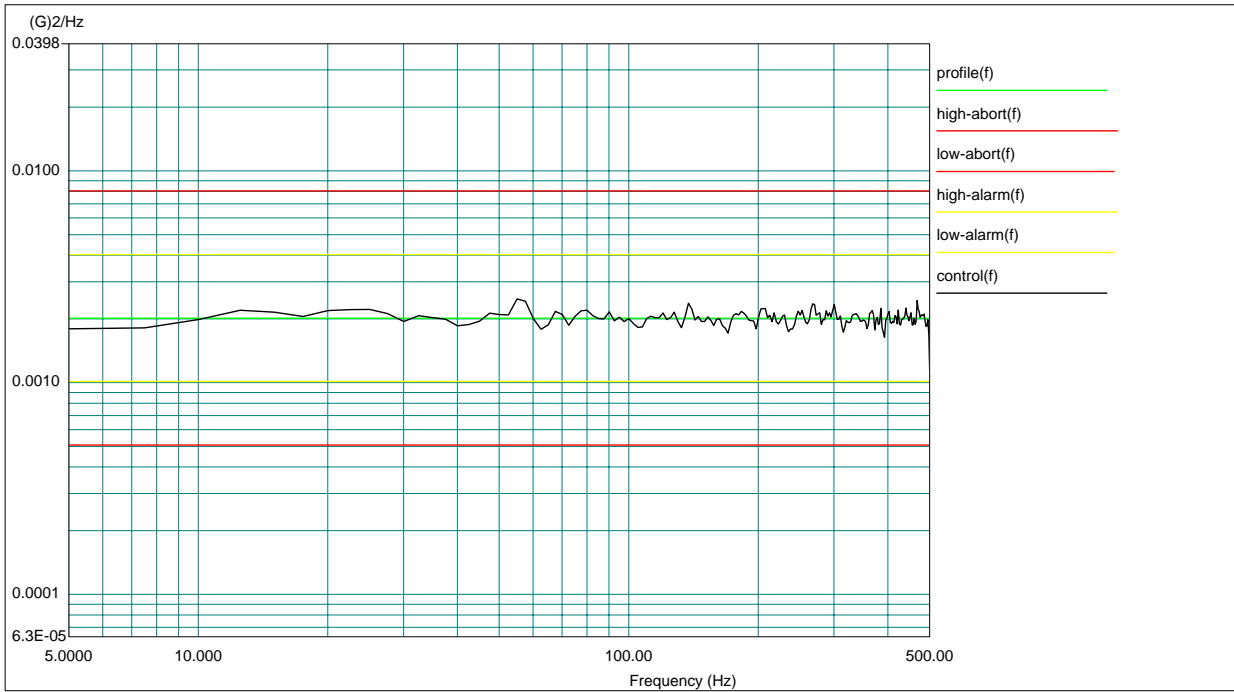
The status bar at the bottom indicates: Ready, Run Folder: .\Run Mar 18,2003 11-51-39, Profile: Nav-Mat

Project File Name: Z-Axis

Profile Name: Nav-Mat

Test Type: Random

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



The screenshot shows the Dactron Shear Control software interface. The main window displays a composite graph of the test profile and control signals. The right-hand panel contains control parameters and status indicators:

- Control RMS: 0 (3)
- Demand RMS: 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
- Closed Loop Control: OFF
- Schedule Clock Timer: OFF
- Activity: End of test
- Mode: RANDOM
- Buttons: Start, Stop, Pause, Continue

The bottom status bar indicates: Ready, Run Folder: .\Run Mar 18,2003 13-51-44, Profile: Nav-Mat