

AMB-551-D-780

Vibration Test Report

Report NO :

Issued by: Terry Huang / 11/06/2003
ME Enginger

Reviewed by: Jonny Cheng / 11/06/2003
ME Manager

Test Date: 11/06/2003

Test Product: AMB-551-D-780

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 :

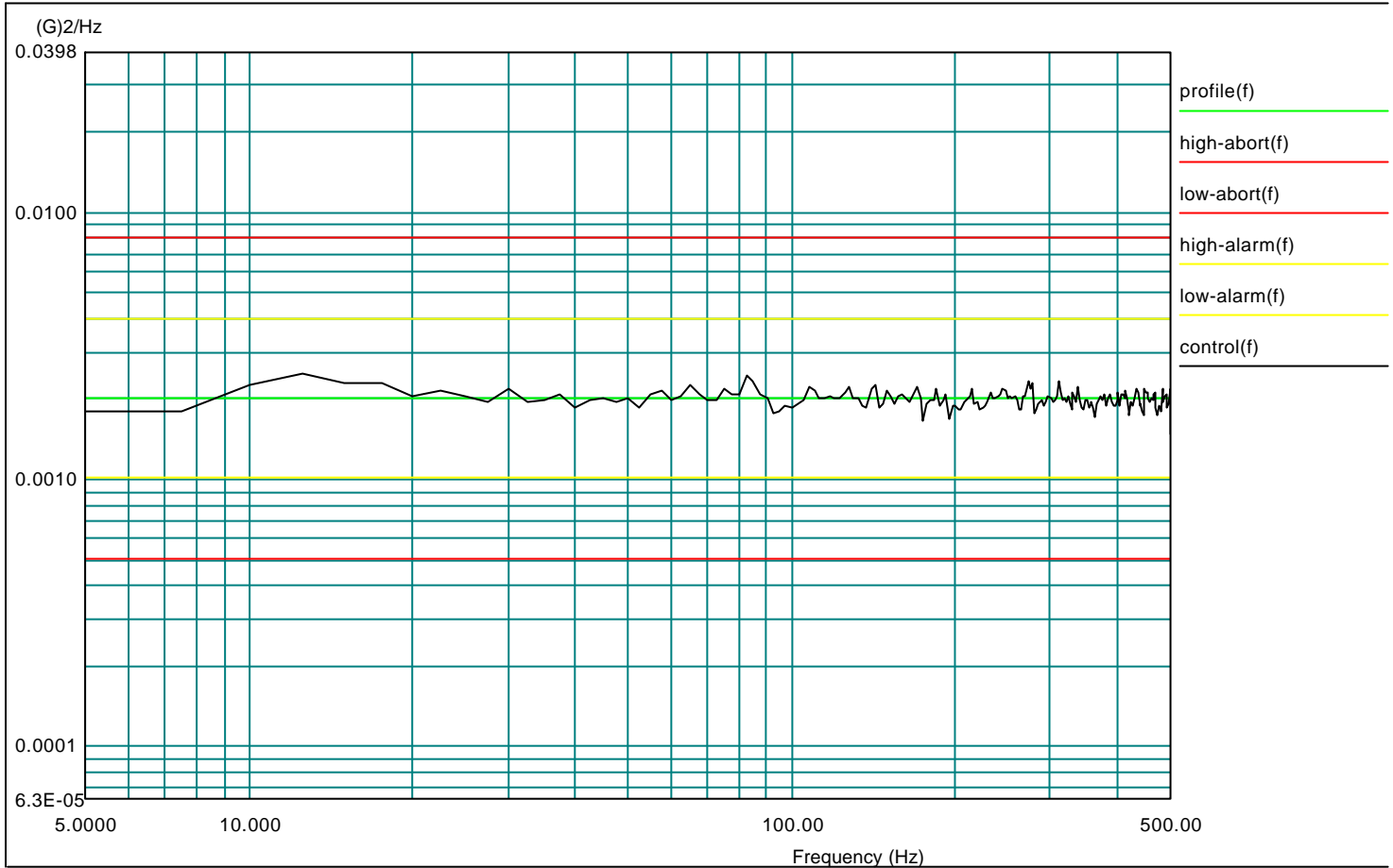
1. Operation
2. Test Acceleration : 0.5G (Peak To Peak, Sine Wave)
3. Test Frequency : 5-500Hz Random
4. Test Axis : X ,Y,Z axes
5. Test Time : 40min each axis
6. Test Software : Running Speedy program for video test
7. Test Vibration Curve :

Project File Name: 1G.prj

Profile Name: X-AXIS

Test Type: Random

Run Folder: .\Run Nov 05,2003 17-15-14

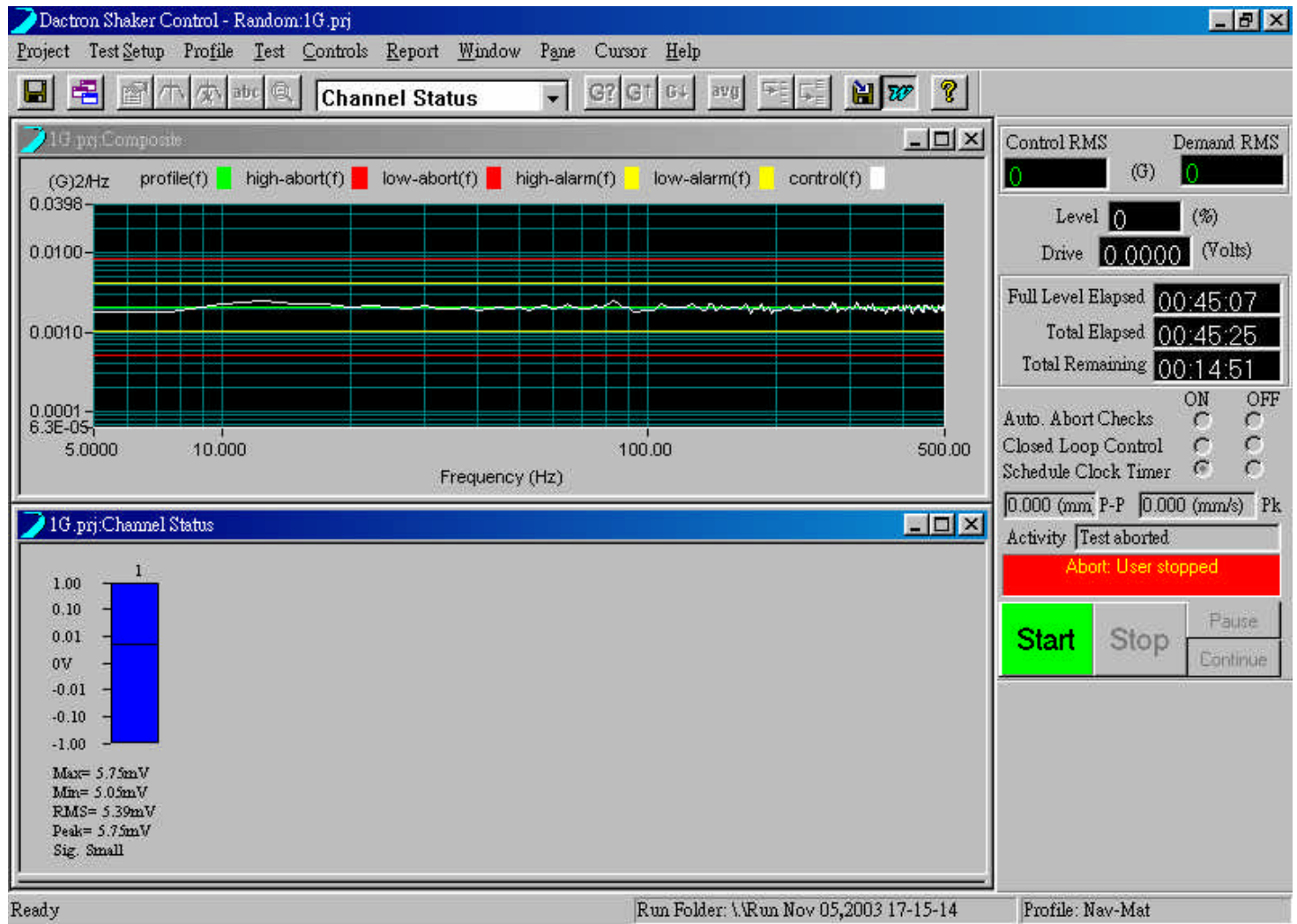


Level: 100 %

Control RMS: 0.998424 G Full Level Elapsed Time: 00:45:07 Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time: 00:14:51 DOF: 154 dF: 2.500000 Hz

Project File Name: X-1G.prj



Data saved at 06:33:08 PM, Wednesday, November 05, 2003

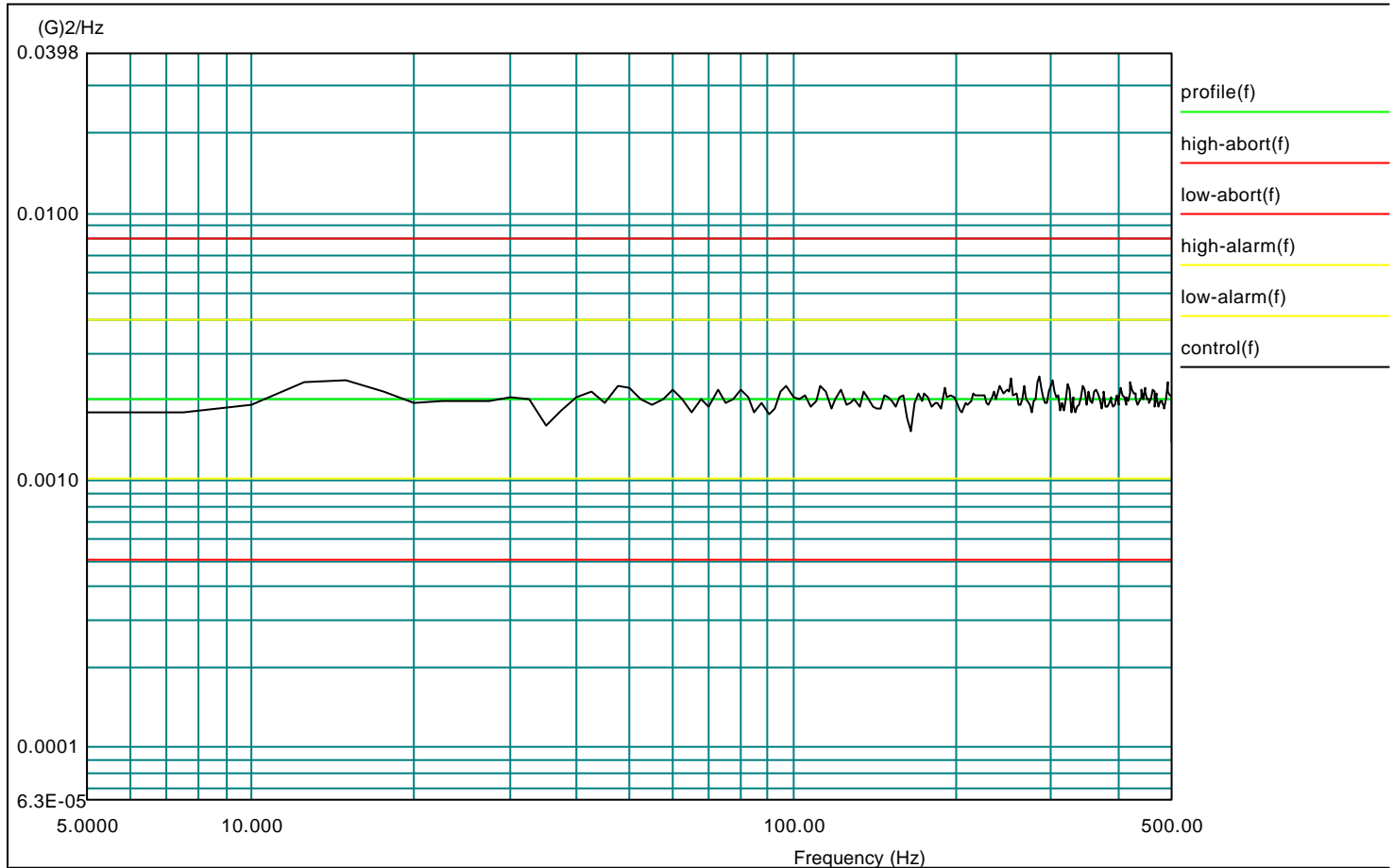
Report created at 06:33:21 PM, Wednesday, November 5, 2003

Project File Name: 1G

Profile Name: Y-AXIS

Test Type: Random

Run Folder: .\Run Nov 06,2003 14-32-36

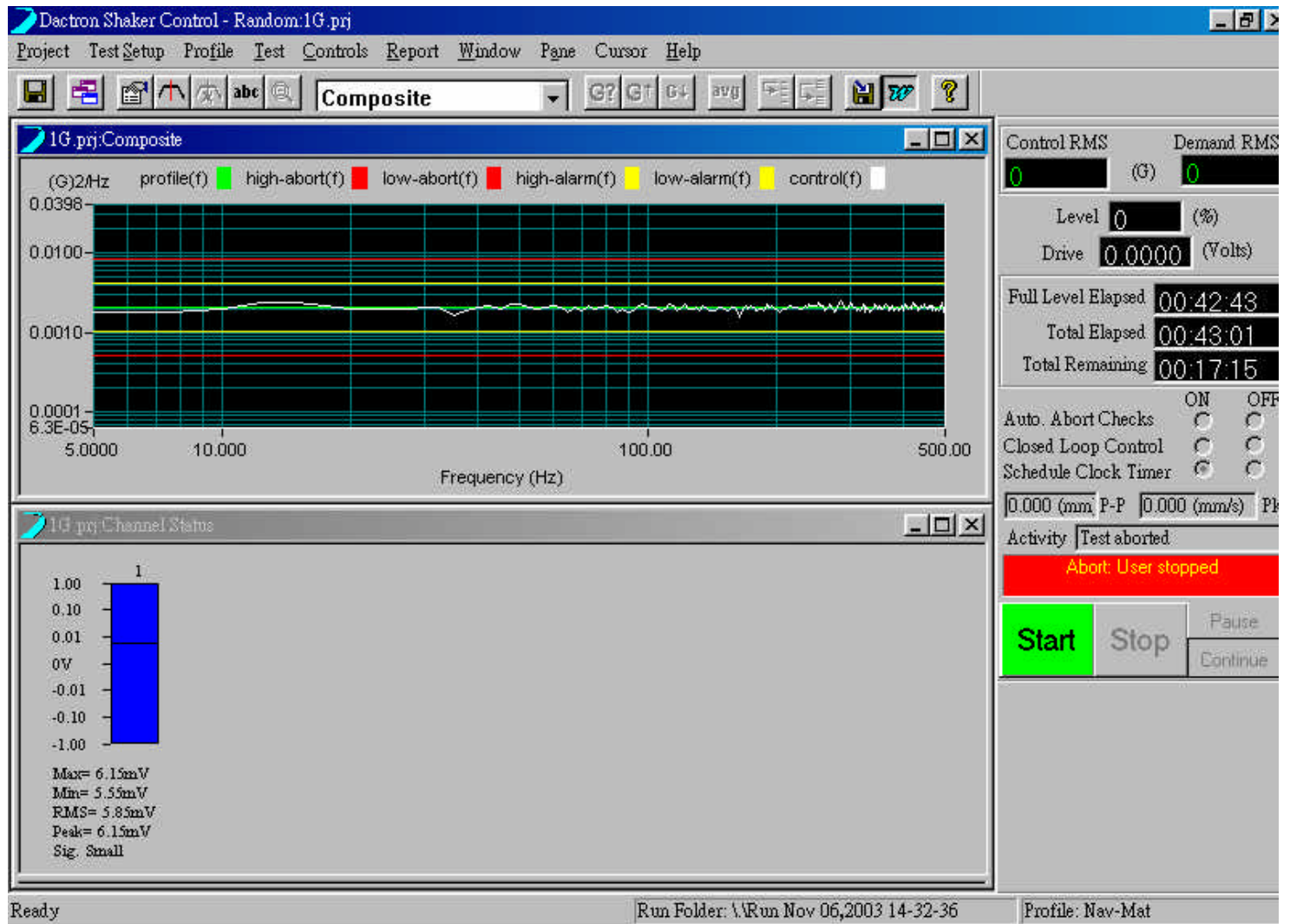


Level: 100 %

Control RMS: 1.004408 G Full Level Elapsed Time: 00:42:43 Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time: 00:17:15 DOF: 154 dF: 2.500000 Hz

Project File Name: Y-1G.prj



Data saved at 03:16:21 PM, Thursday, November 06, 2003

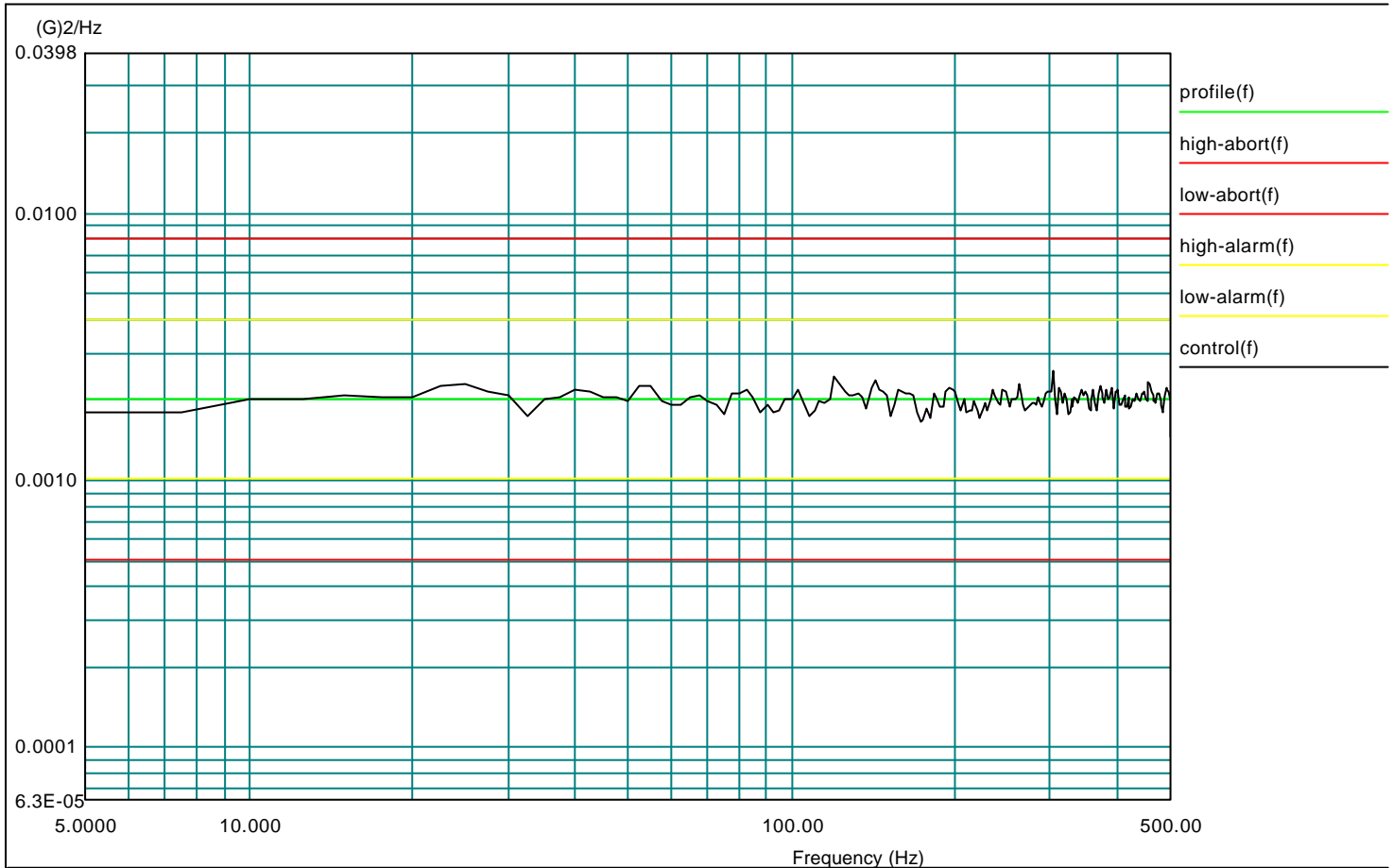
Report created at 03:16:33 PM, Thursday, November 6, 2003

Project File Name: 1G.prj

Profile Name: Z-AXIS

Test Type: Random

Run Folder: .\Run Nov 06,2003 15-45-36

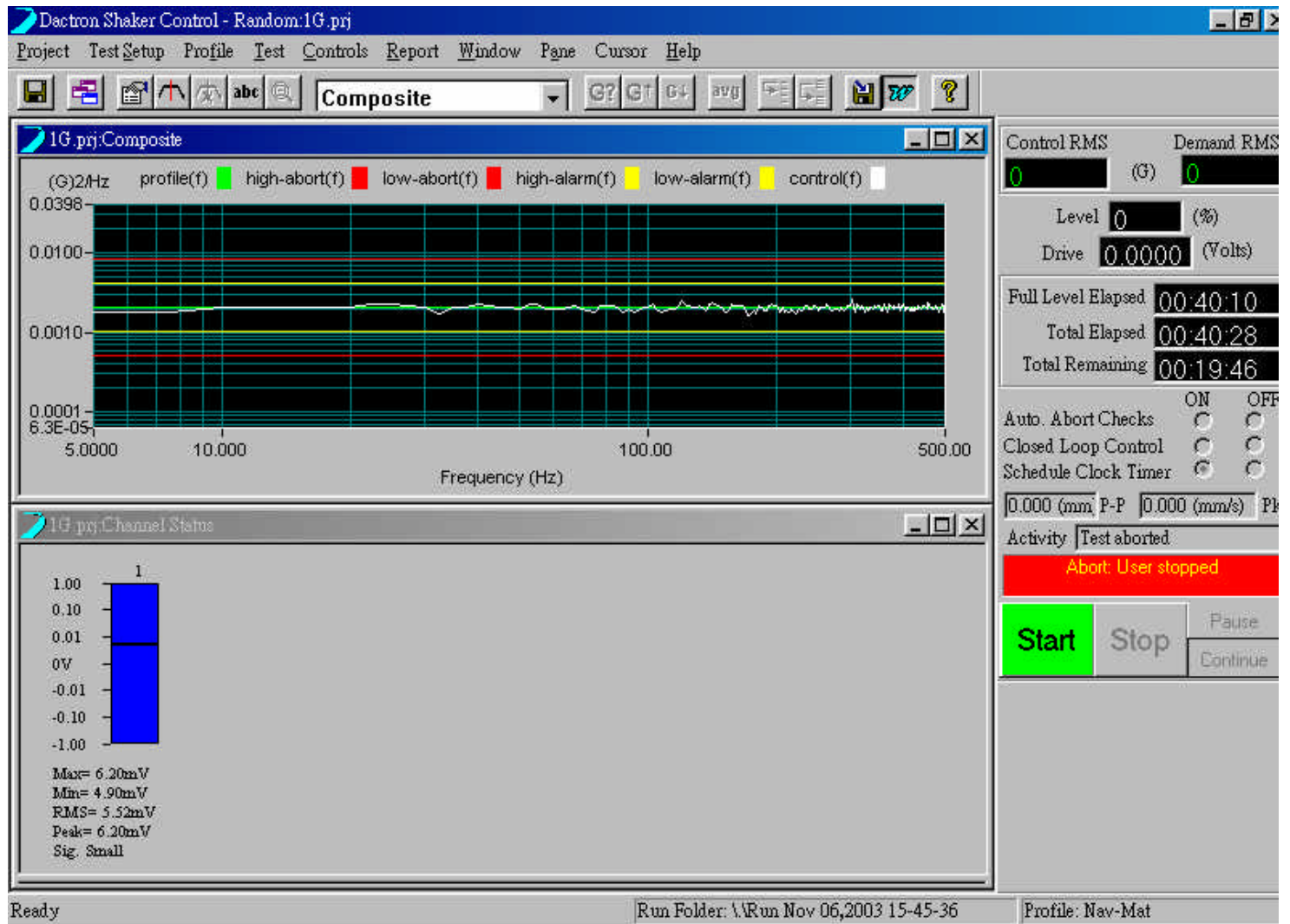


Level: 100 %

Control RMS: 1.002575 G Full Level Elapsed Time: 00:40:10 Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time: 00:19:46 DOF: 154 dF: 2.500000 Hz

Project File Name: 1G.prj



Data saved at 04:26:24 PM, Thursday, November 06, 2003
Report created at 04:26:25 PM, Thursday, November 6, 2003

Sample Configuration & Quantity Under Test :

Using one AMB-551 industrial panel PCs.

1. CPU : P4-1.03G
2. Memory : 256MB
3. HDD : Segagate ST34311A 4.3G

Performance Criteria :

Electronic function check:

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

Mechanical function check:

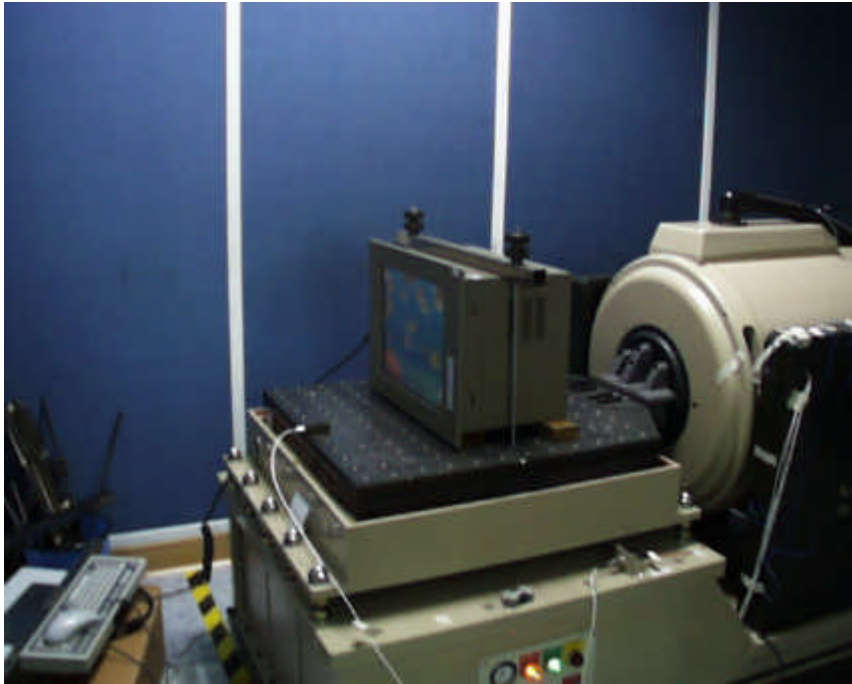
The switch button , cover, and slot should work properly without any interference.

Test Result :

Passed.

The AMB-551 industrial panel PCs. meets Vibration 1G operation test.

X-AXIS



Y-AXIS



Z-AXIS



AMB-551-D-860

Vibration Test Report

Report NO :

Issued by: Terry Huang / 11/13/2003
ME Enginger

Reviewed by: Jonny Cheng / 11/13/2003
ME Manager

Test Date: 11-13-2003

Test Product: AMB-551-D-860

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
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5. Test Time : 40min each axis
6. Test Software : Running Speedy program for video test
7. Test Vibration Curve :

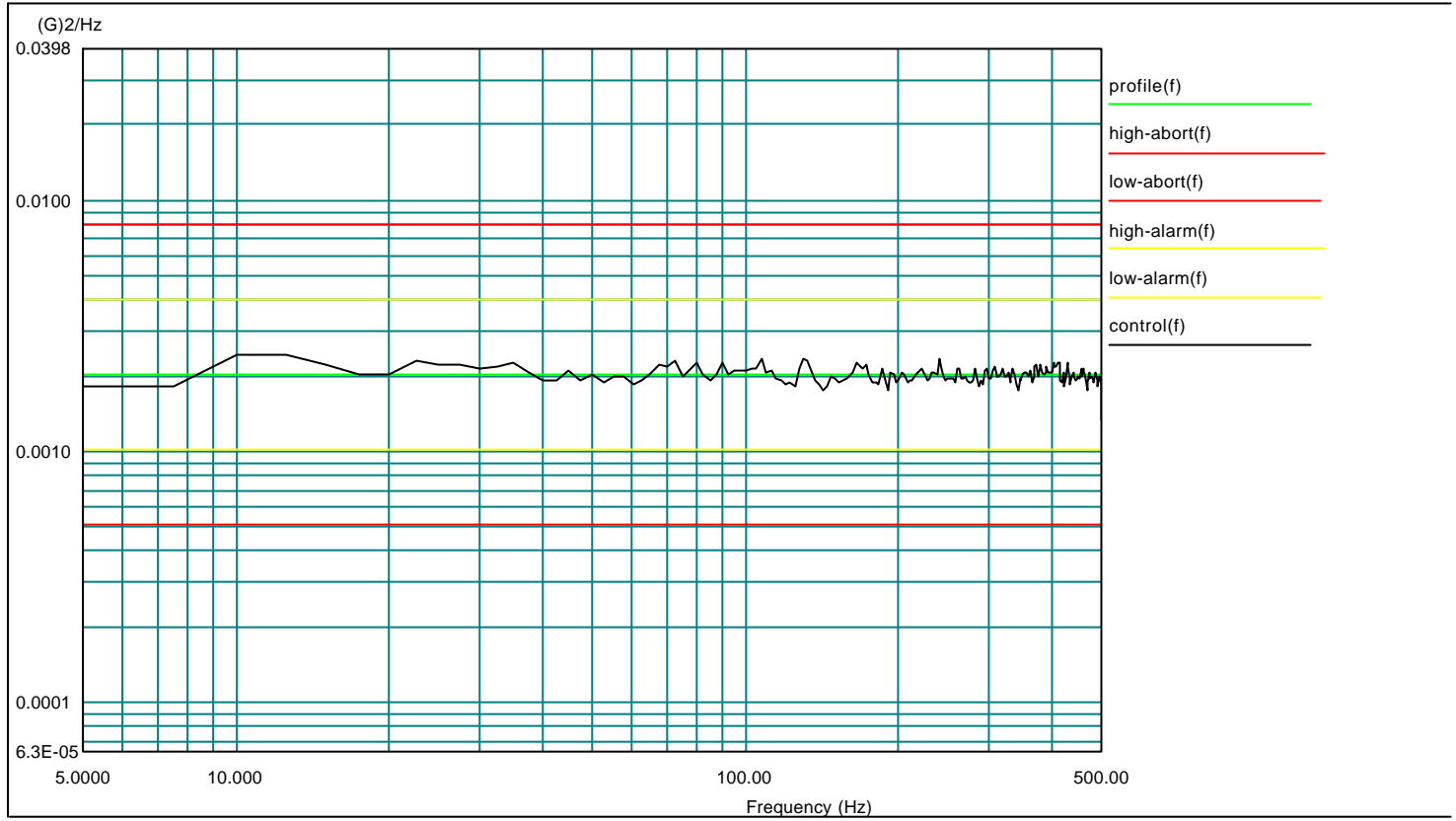
Project File Name: Axis-X

Profile Name: Nav-Mat

Test Type: Random

Run Folder:

.\Run Nov 13,2003 13-40-09

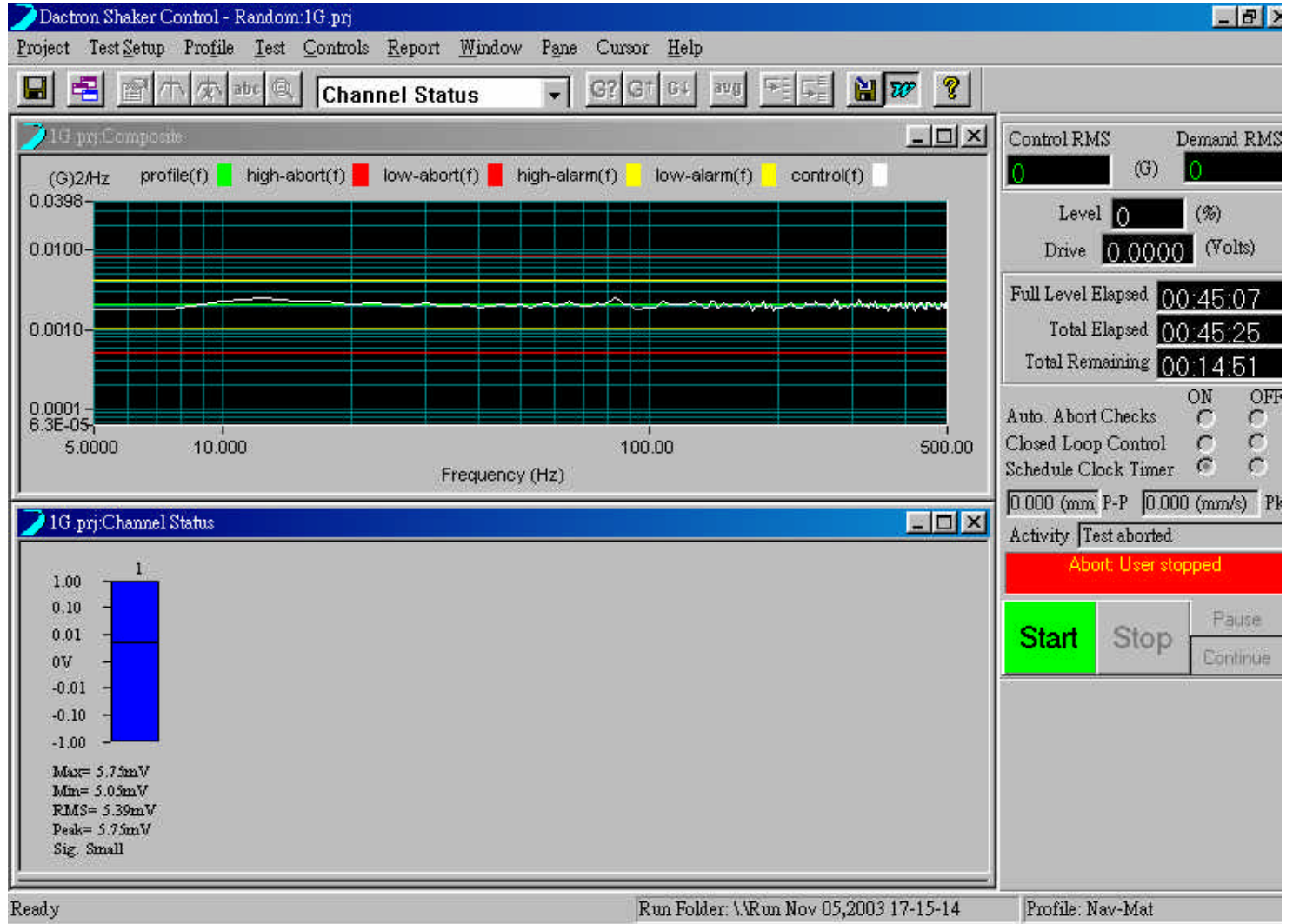


Level: 100 %

Control RMS: 1.002303 G Full Level Elapsed Time: 00:40:02 Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time: 00:19:55 DOF: 154 dF: 2.500000 Hz

Project File Name: Axis-X



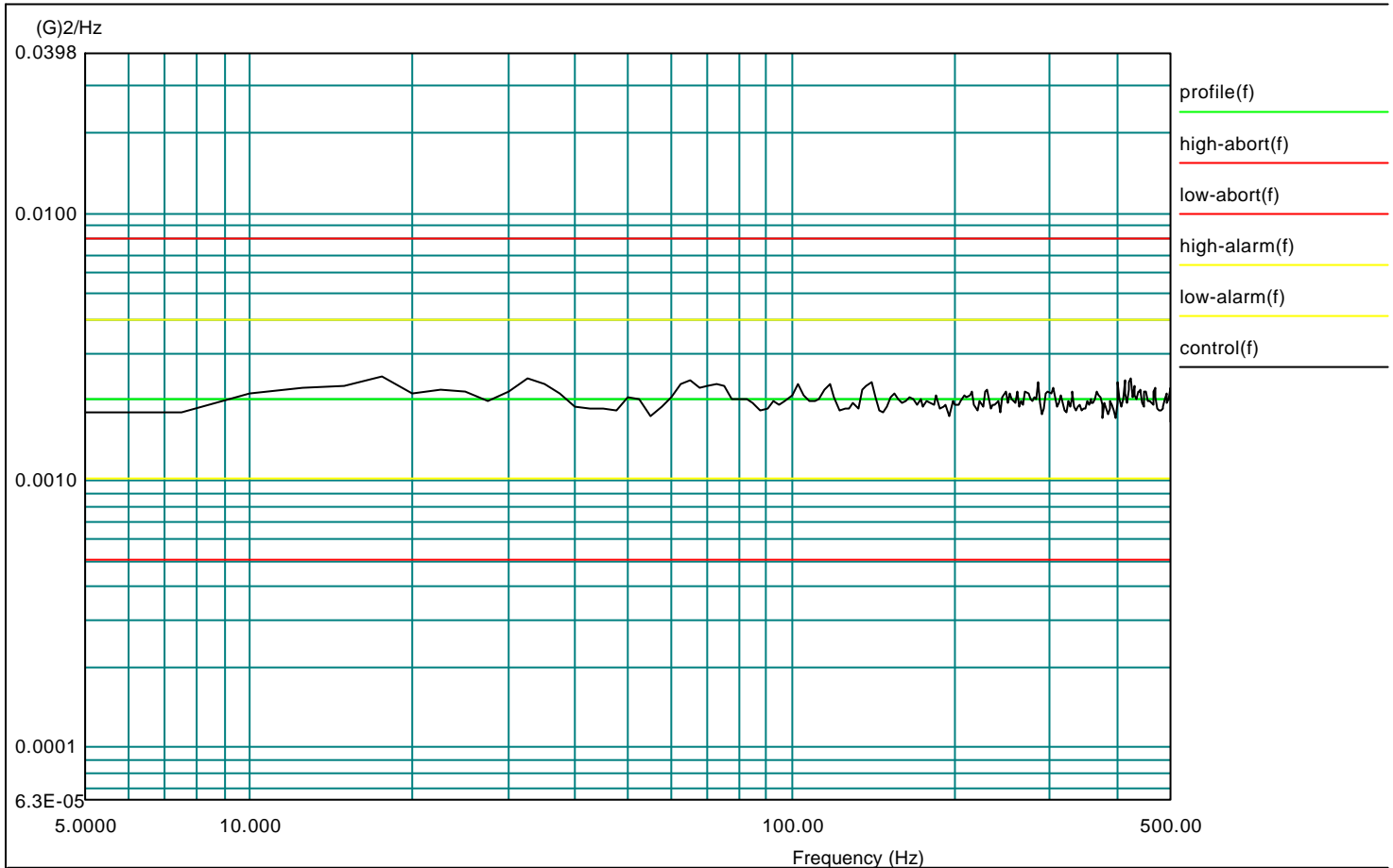
Data saved at 06:33:08 PM, Wednesday, November 05, 2003
Report created at 06:33:21 PM, Wednesday, November 5, 2003

Project File Name: Axis-Y

Profile Name: Nav-Mat

Test Type: Random

Run Folder: .\Run Nov 13,2003 14-37-00

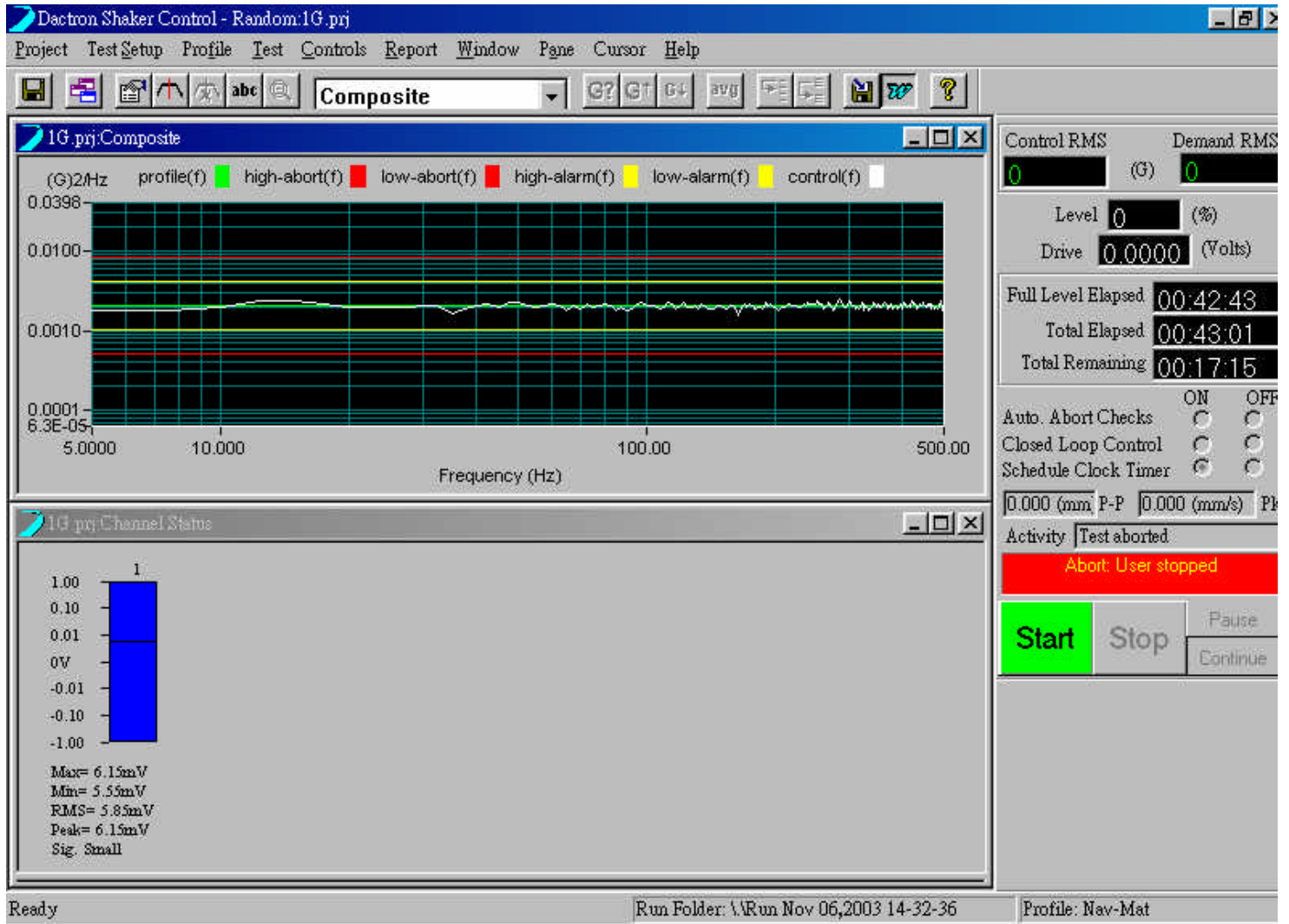


Level: 100 %

Control RMS: 1.001225 G Full Level Elapsed Time: 00:42:30 Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time: 00:17:27 DOF: 154 dF: 2.500000 Hz

Project File Name: Axis - Y



Data saved at 03:16:21 PM, Thursday, November 06, 2003

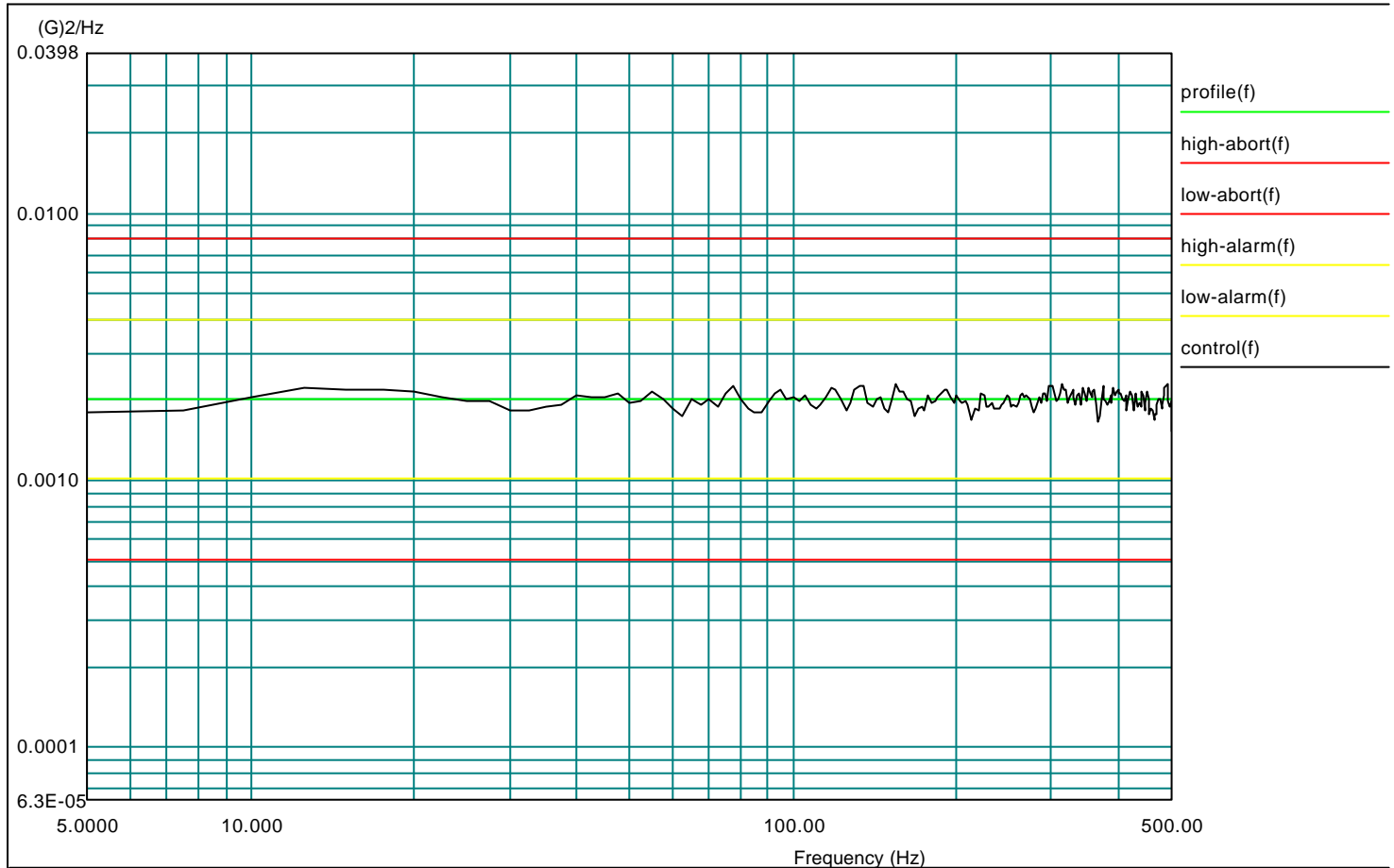
Report created at 03:16:33 PM, Thursday, November 6, 2003

Project File Name: Axis-Z

Profile Name: Nav-Mat

Test Type: Random

Run Folder: .\Run Nov 13,2003 10-18-35

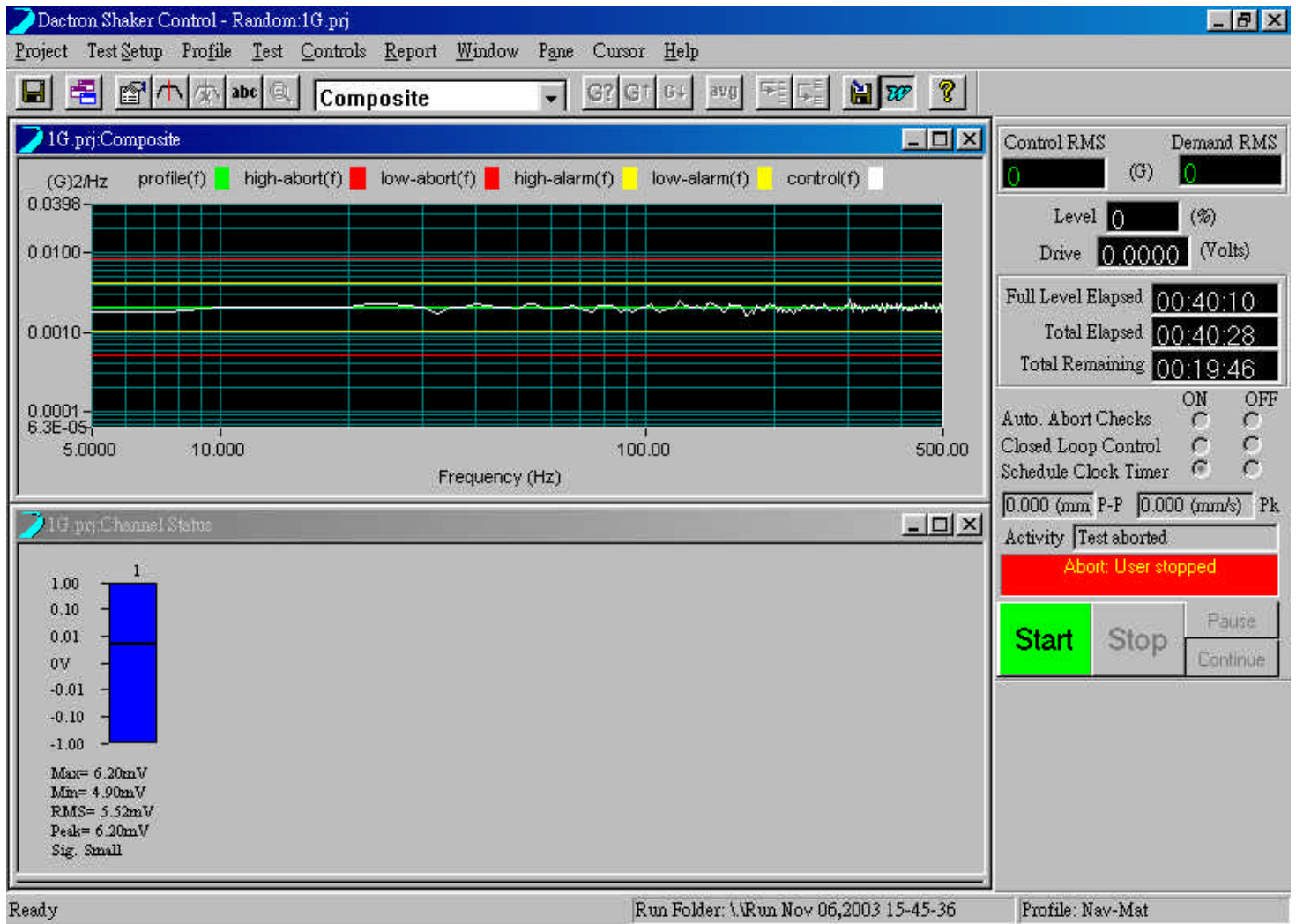


Level: 100 %

Control RMS: 0.999594 G Full Level Elapsed Time: 00:50:30 Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time: 00:09:26 DOF: 154 dF: 2.500000 Hz

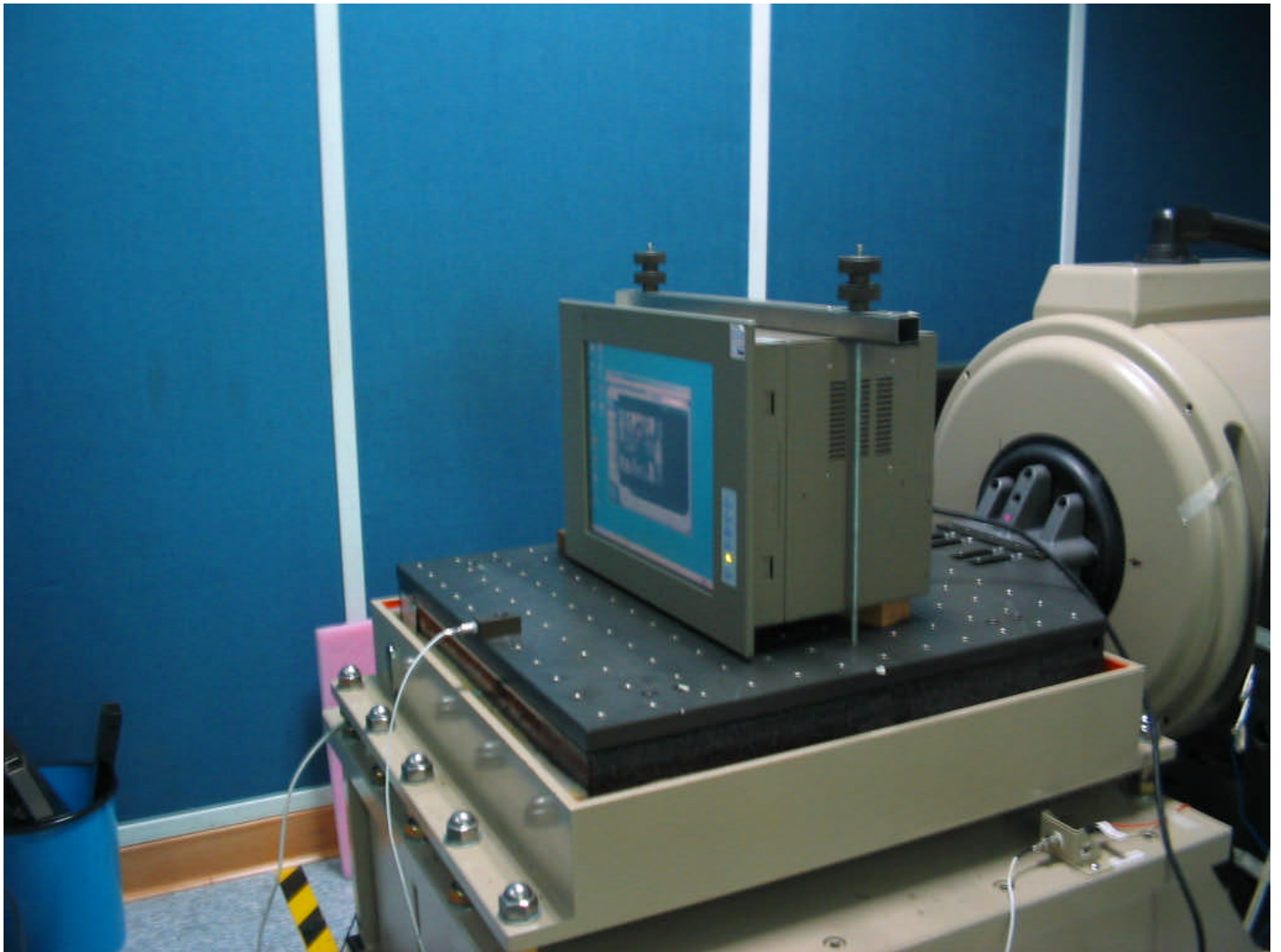
Axis-Z



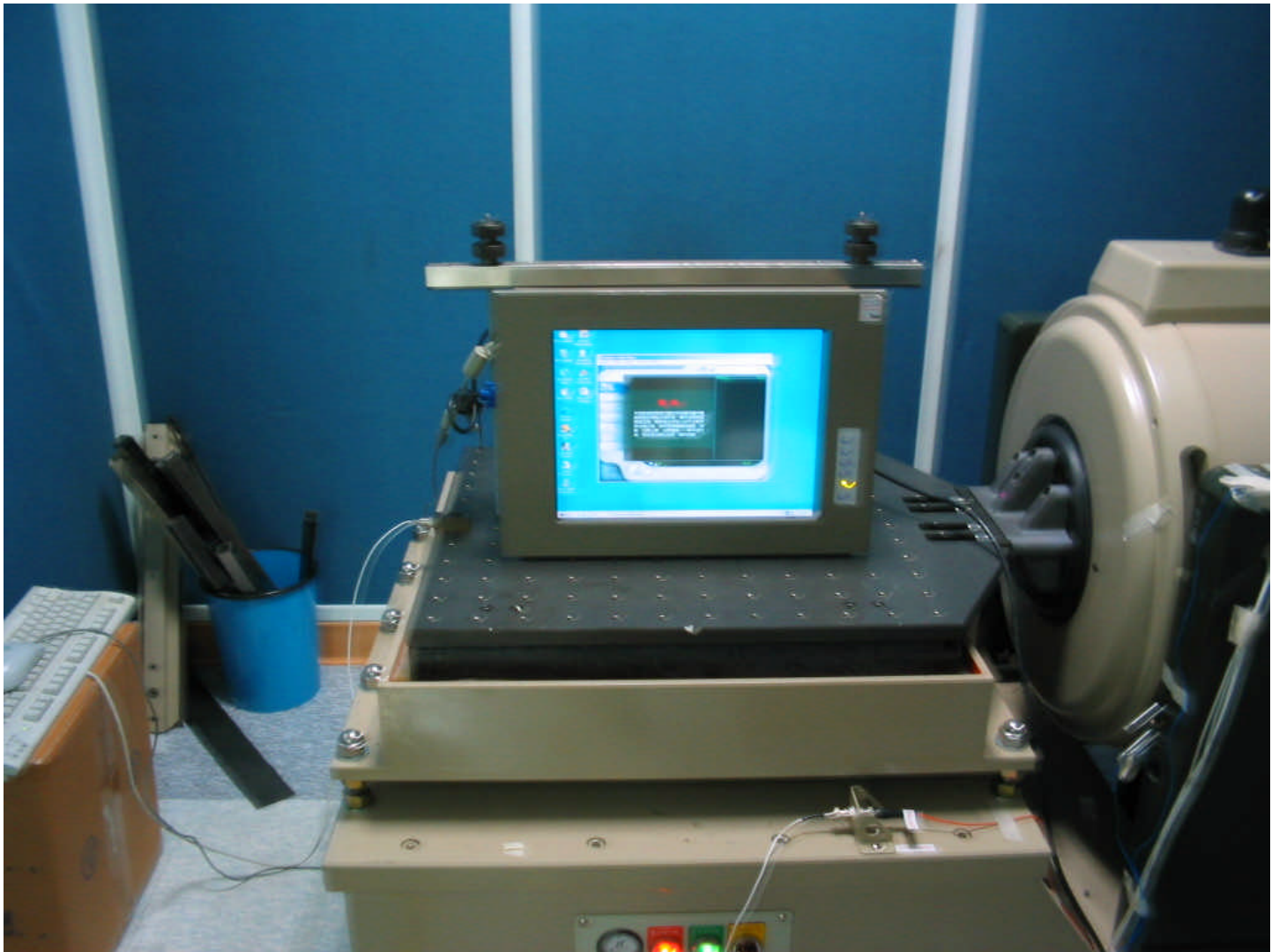
Data saved at 04:26:24 PM, Thursday, November 06, 2003

Report created at 04:26:25 PM, Thursday, November 6, 2003

Axis-X



Axis - Y



Axis-Z

