

# ARC-604

## Vibration Test Report

**Report NO :**

<b>Issued by:</b>	<u>Terry Huang</u> ME Enginger	/	<u>14/10/2003</u>
<b>Reviewed by:</b>	<u>Jonny Cheng</u> ME Manager	/	<u>14/10/2003</u>

**Test Date:** 14/10/2003

**Test Product:** ARC-604

**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 :**

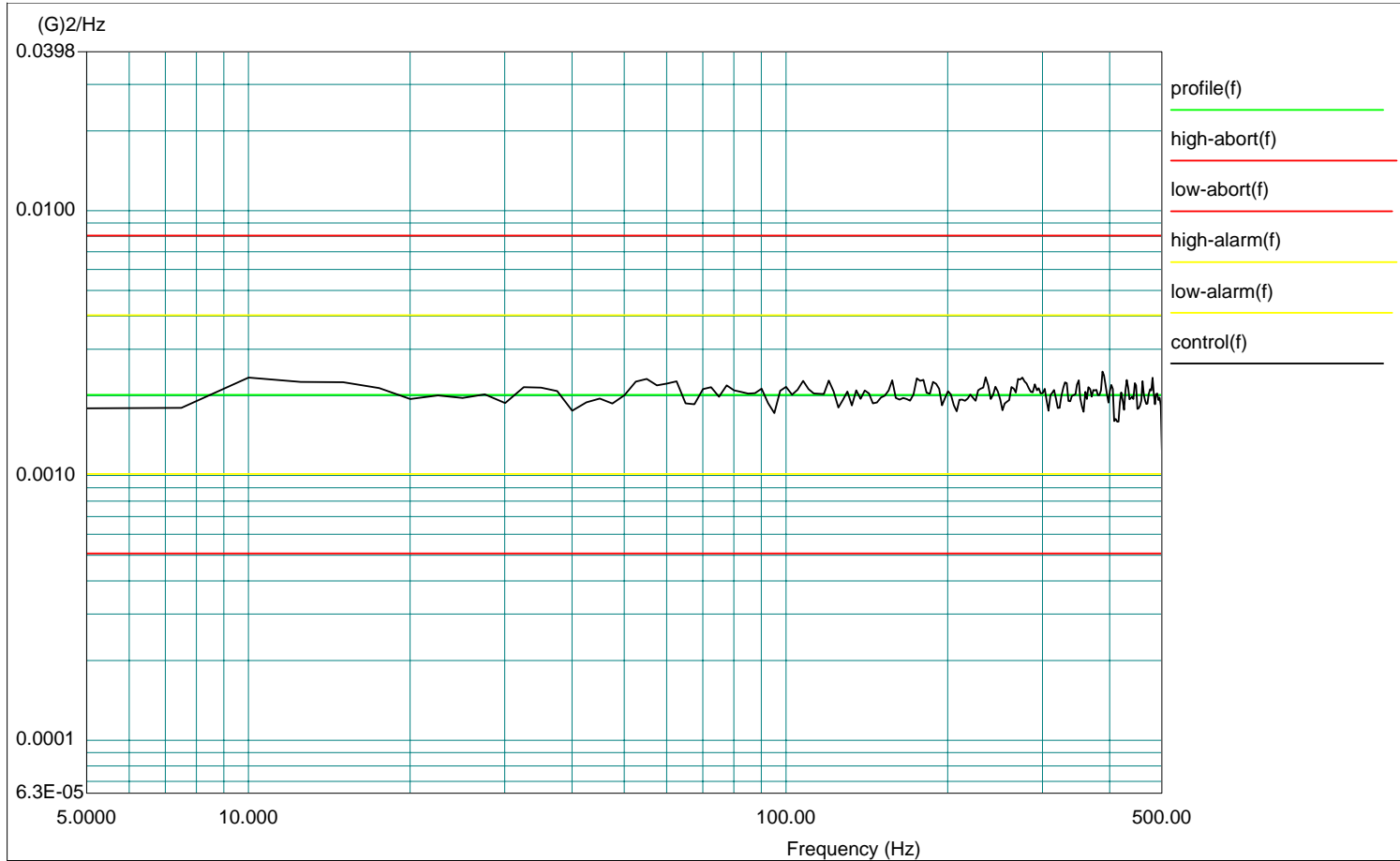
1. Operation
2. Test Acceleration : 0.5G (Peak To Peak, Sine Wave)
3. Test Frequency : 5-500Hz
4. Test Axis : X ,Y,Z axes
5. Test Time : 40min each axis
6. Test Software : Running Speedy program for video test
7. Test Vibration Curve :

Project File Name: 1G.prj---X

Profile Name: Nav-Mat

Test Type: Random

Run Folder: .\Run Oct 14,2003 09-25-41



Level: 100 %

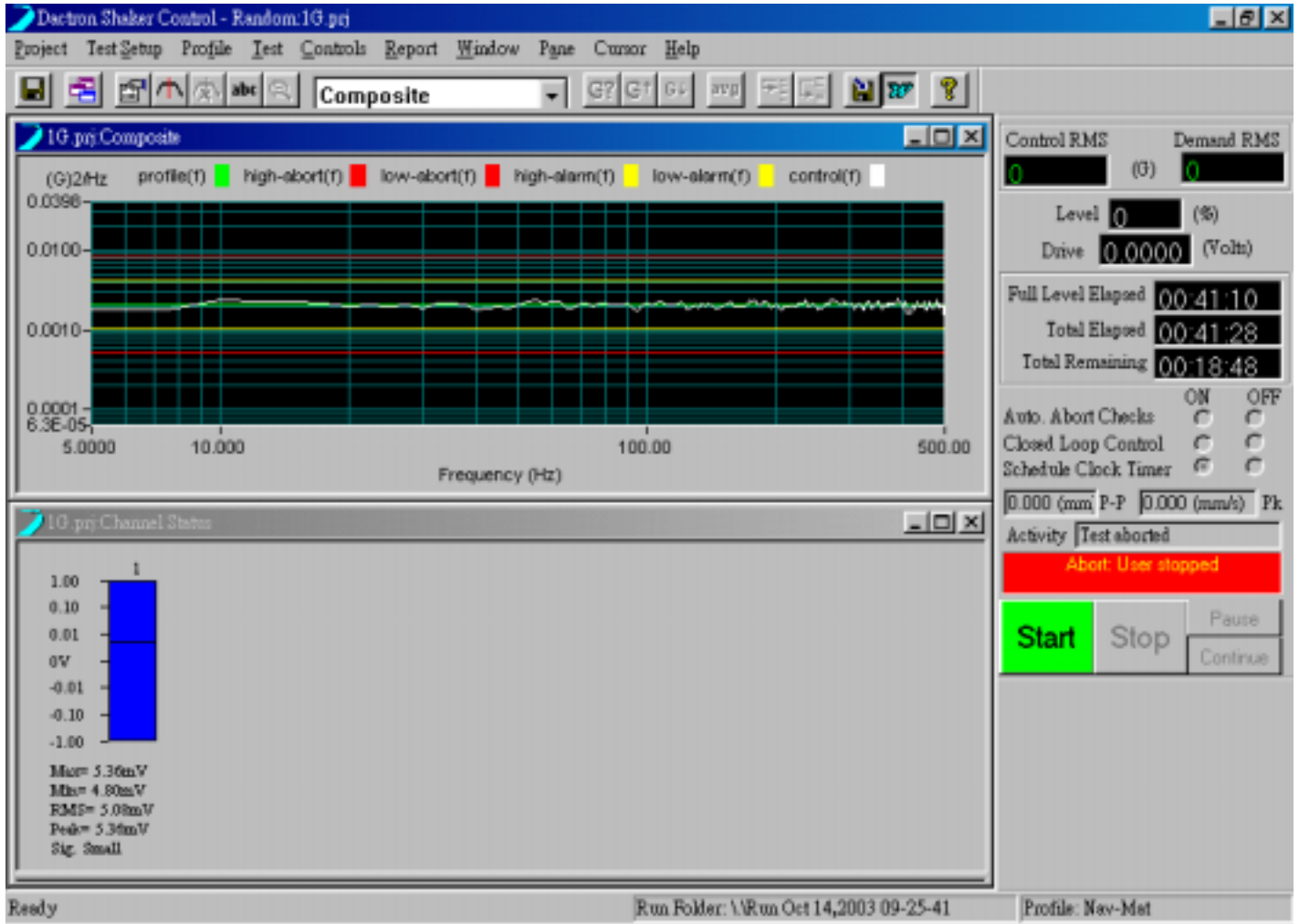
Control RMS: 1.005859 G Full Level Elapsed Time: 00:41:10 Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time: 00:18:48 DOF: 154 dF: 2.500000 Hz

Data saved at 10:07:40 AM, Tuesday, October 14, 2003

Report created at 10:07:52 AM, Tuesday, October 14, 2003

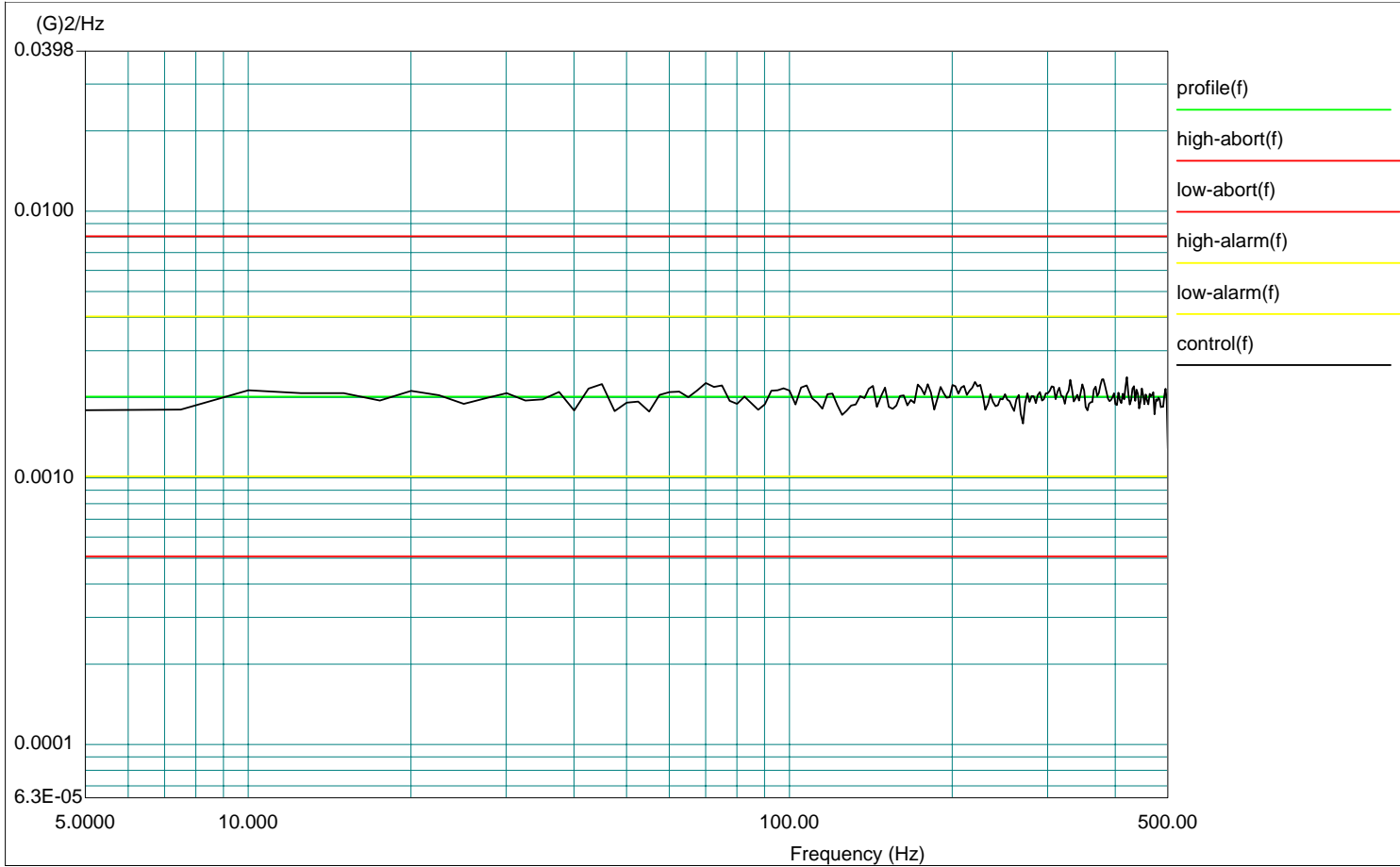
Project File Name: 1G.prj----X



Data saved at 10:07:41 AM, Tuesday, October 14, 2003  
 Report created at 10:07:53 AM, Tuesday, October 14, 2003

Project File Name: 1G.prj----Y

Profile Name: Nav-Mat Test Type: Random Run Folder: .\Run Oct 14,2003 10-10-50



Level: 100 %

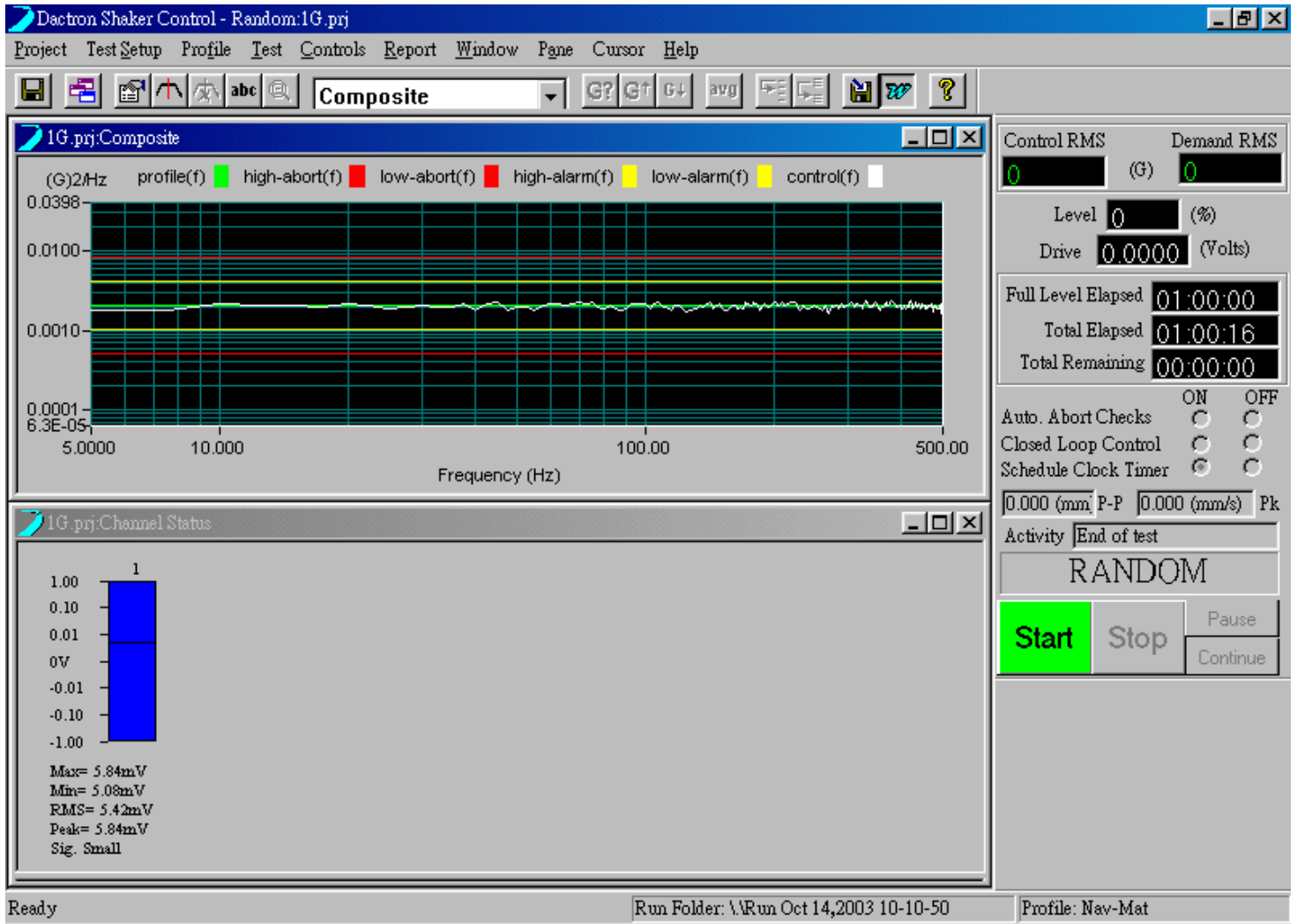
Control RMS: 1.001606 G Full Level Elapsed Time: 01:00:00 Lines: 225 Frame Time: 0.400000 Seconds

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

Data saved at 11:13:40 AM, Tuesday, October 14, 2003

Report created at 11:13:41 AM, Tuesday, October 14, 2003

Project File Name: 1G.prj---Y



Data saved at 11:13:40 AM, Tuesday, October 14, 2003

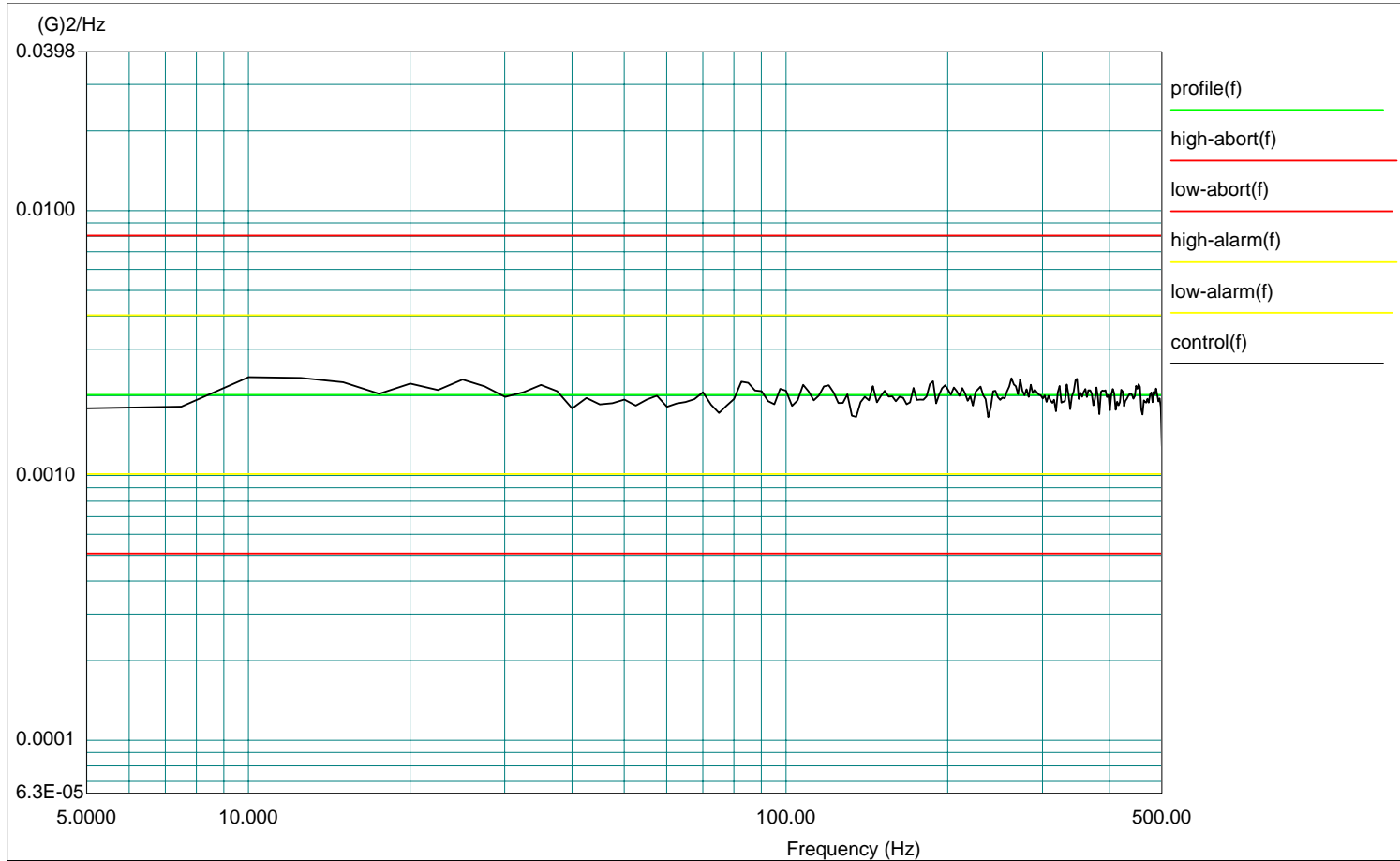
Report created at 11:13:41 AM, Tuesday, October 14, 2003

Project File Name: 1G.prj---Z

Profile Name: Nav-Mat

Test Type: Random

Run Folder: .\Run Oct 13,2003 15-40-56



Level: 100 %

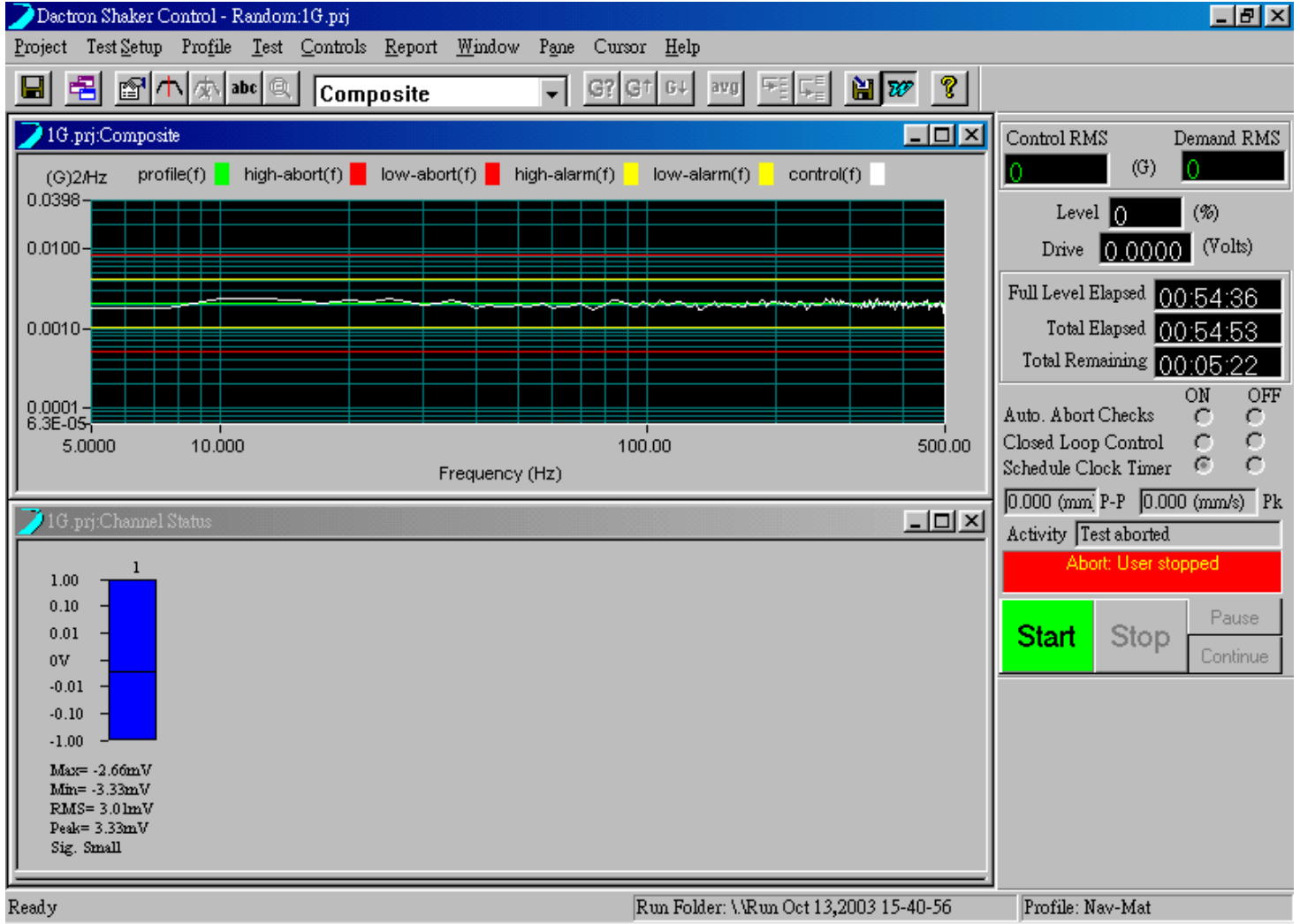
Control RMS: 0.998931 G Full Level Elapsed Time: 00:54:36 Lines: 225 Frame Time: 0.400000 Seconds

Demand RMS: 1.001343 G Remaining Time: 00:05:22 DOF: 154 dF: 2.500000 Hz

Data saved at 04:36:01 PM, Monday, October 13, 2003

Report created at 04:36:13 PM, Monday, October 13, 2003

Project File Name: 1G.prj---Z



Data saved at 04:36:01 PM, Monday, October 13, 2003

Report created at 04:36:13 PM, Monday, October 13, 2003