

APC-8172

Vibration Test Report

Report NO :

Issued by:	<u>DS Engineer</u>	/	<u>04/27/2004</u>
	Kimo Lin		
Reviewed by:	<u>DS Manger</u>	/	<u>04/27/2004</u>

Test Date: 04-27-2004

Test Product: Pentium 4 based Panel PC with 17" color TFT LCD

Test Site: AAEON QA Internal Lab.

Performed By : Kimo Lin

Test Standard : Reference IEC68-2-64 Testing procedures
Test Fh : Vibration boardband random test

Test Equipment:

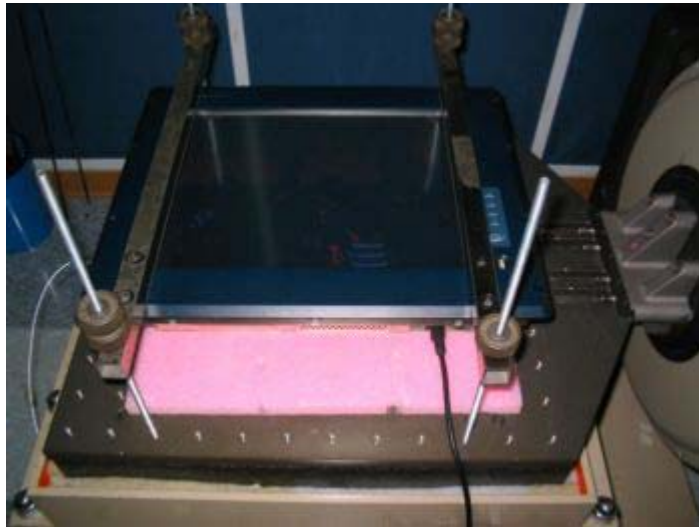
Vibration Simulator System
KING DESIGN Co. LTD.
Model : KD 9363-EM-600F2K-40N20
Serial Number : UU110099090
Date of Calibration : 10/29/2001

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

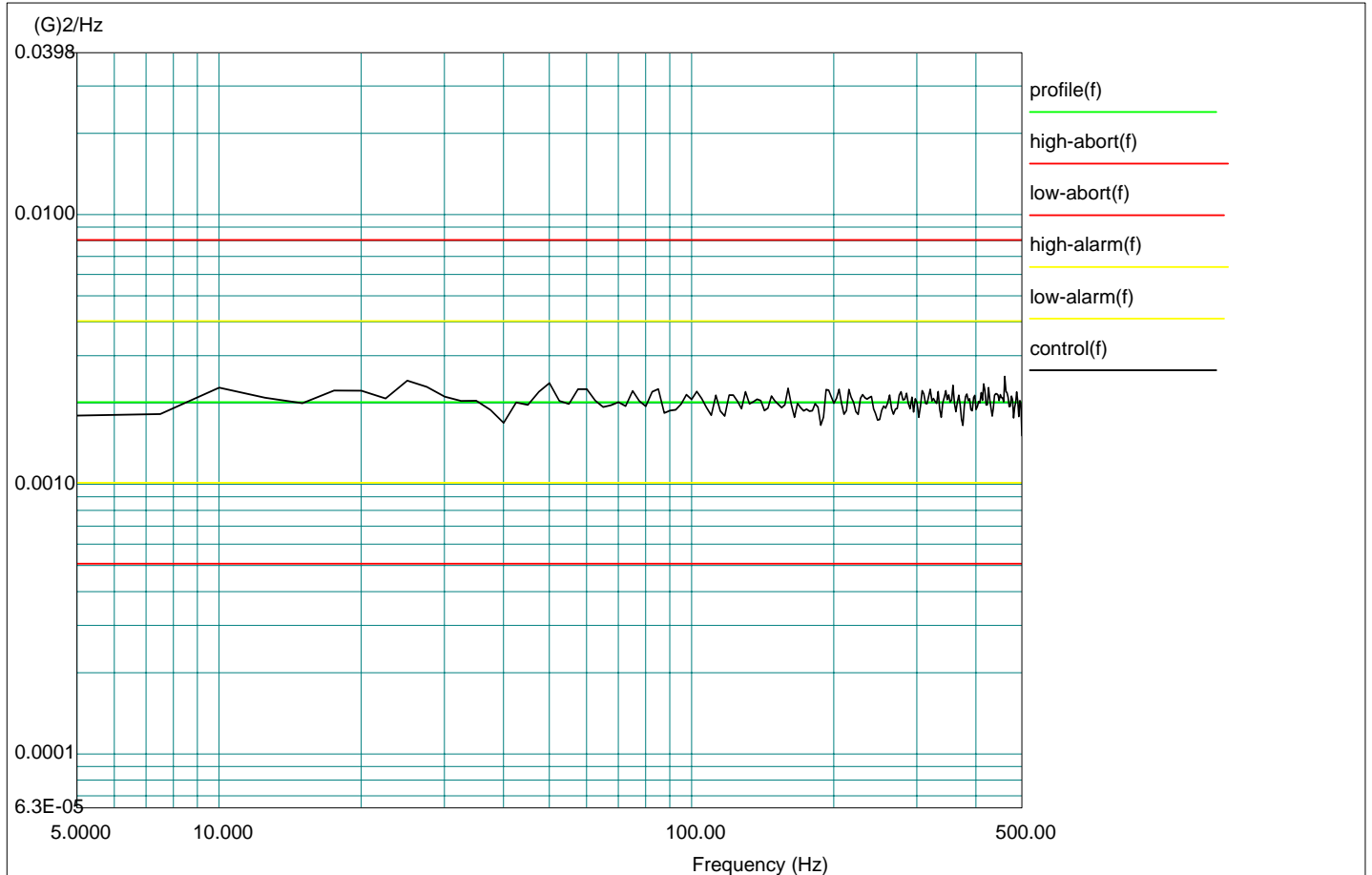


Project File Name: 1G.prj

Profile Name: X-Mat

Test Type: Random

Run Folder: .\Run Apr 27,2004 12-58-24



Level: 100 %

Control RMS: 1.004124 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 02:00:04 PM, Tuesday, April 27, 2004

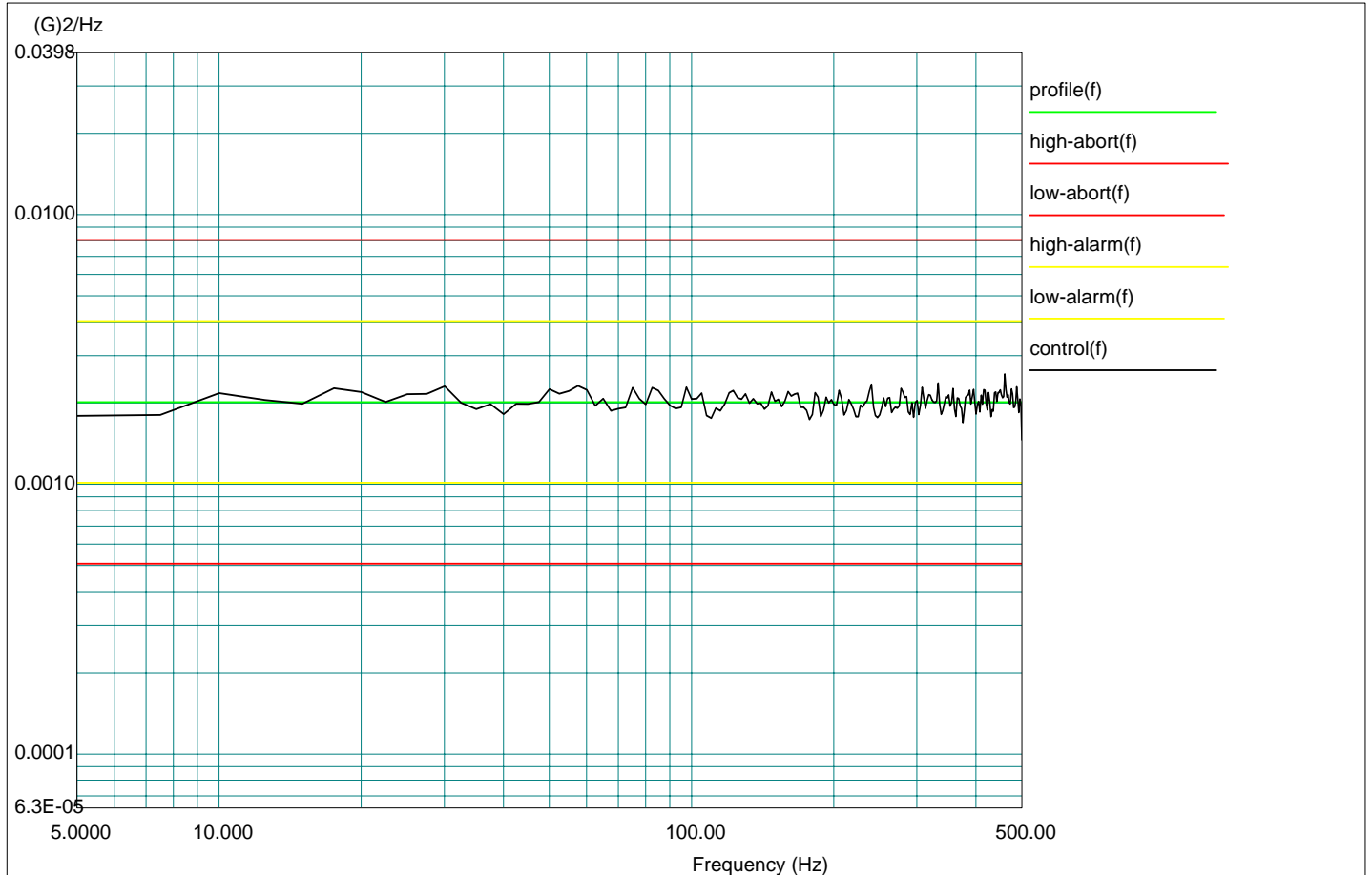
Report created at 02:00:16 PM, Tuesday, April 27, 2004

Project File Name: 1G.prj

Profile Name: Y-Mat

Test Type: Random

Run Folder: .\Run Apr 27,2004 14-06-26



Level: 100 %

Control RMS: 1.005389 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 03:06:59 PM, Tuesday, April 27, 2004

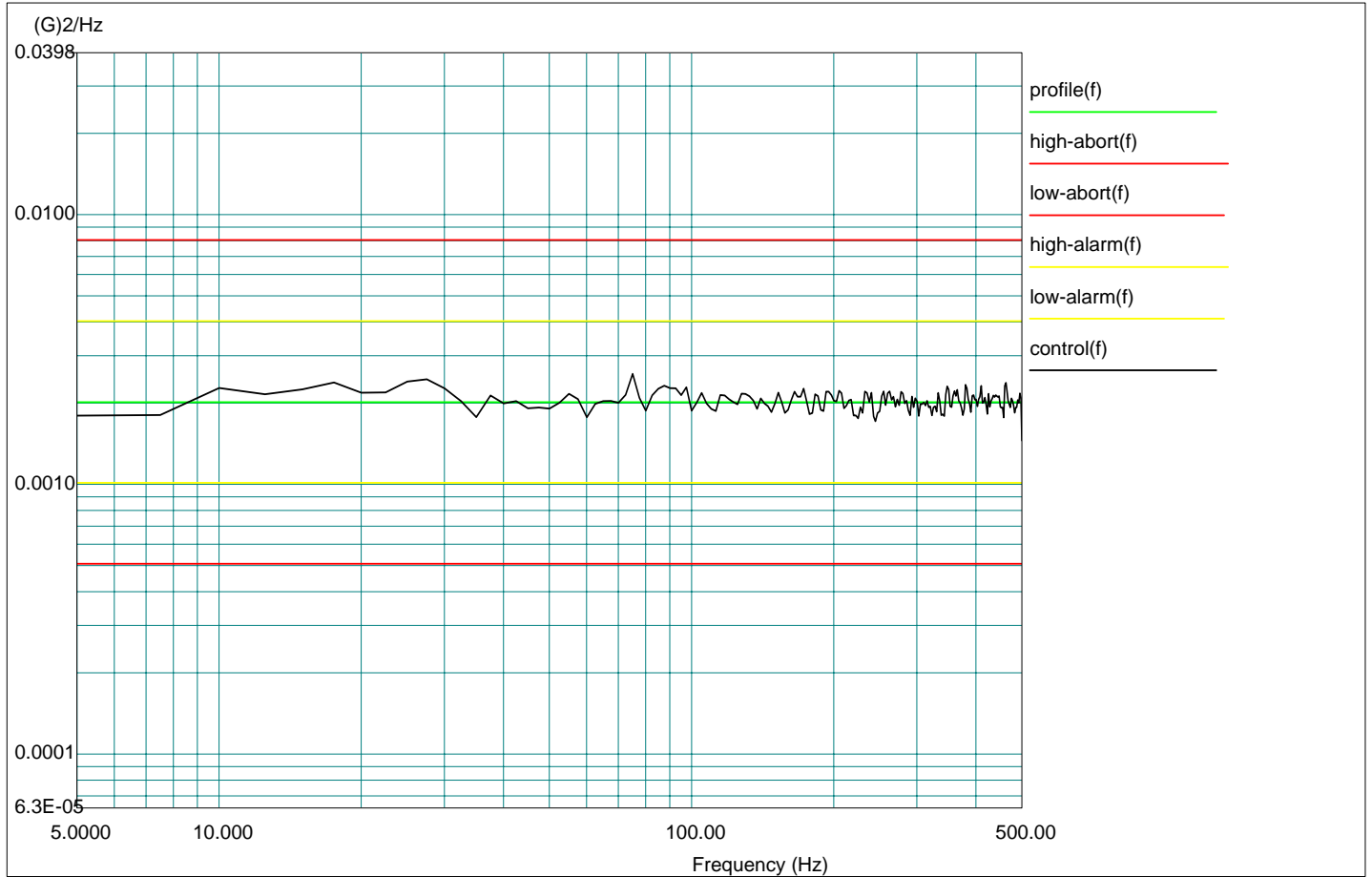
Report created at 03:07:00 PM, Tuesday, April 27, 2004

Project File Name: 1G.prj

Profile Name: Z-Mat

Test Type: Random

Run Folder: .\Run Apr 27,2004 15-22-16



Level: 100 %

Control RMS: 1.008886 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 04:27:46 PM, Tuesday, April 27, 2004

Report created at 04:27:47 PM, Tuesday, April 27, 2004

APC-8172

Vibration Test Report

Report NO :

Issued by:	<u>DS Engineer</u>	/	<u>06/28/2004</u>
	Kimo Lin		
Reviewed by:	<u>DS Manger</u>	/	<u>06/28/2004</u>

Test Date: 06-28-2004

Test Product: **Pentium 4 based Panel PC with 17" color TFT LCD**

Test Site: AAEON QA Internal Lab.

Performed By : Kimo Lin

Test Standard : Reference IEC68-2-64 Testing procedures
Test Fh : Vibration boardband random test

Test Equipment:

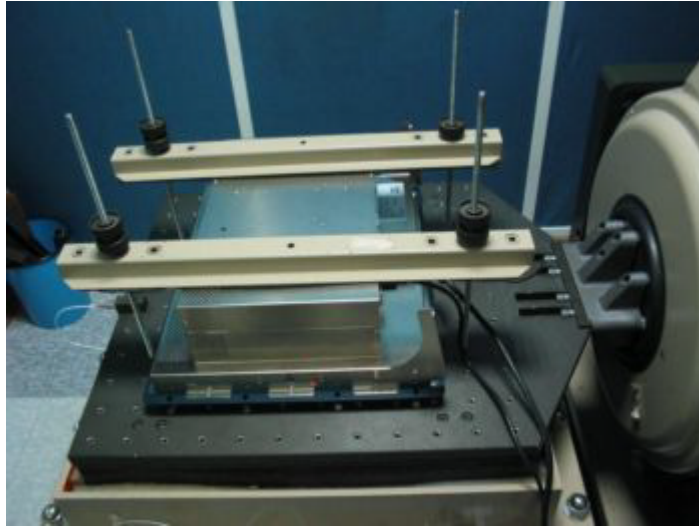
Vibration Simulator System
KING DESIGN Co. LTD.
Model : KD 9363-EM-600F2K-40N20
Serial Number : UU110099090
Date of Calibration : 10/29/2001

Test Condition :

1. Operation
2. Test Acceleration : 1.5G Random
3. Test Frequency : 5-2245Hz
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 :

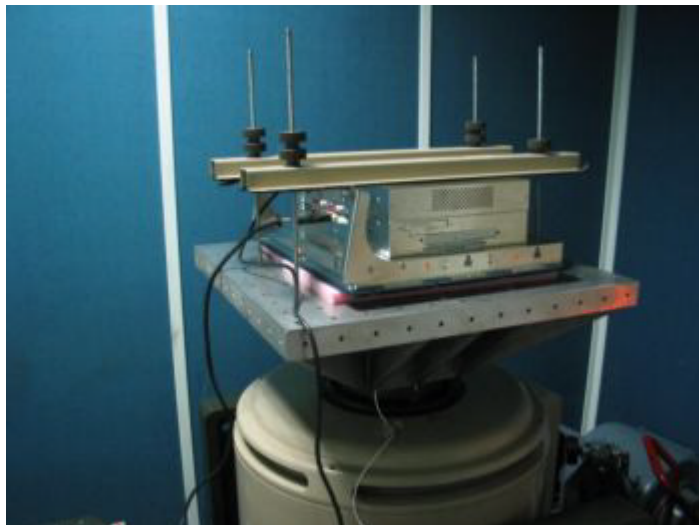
X -Axis



Y-Axis



Z-Axis

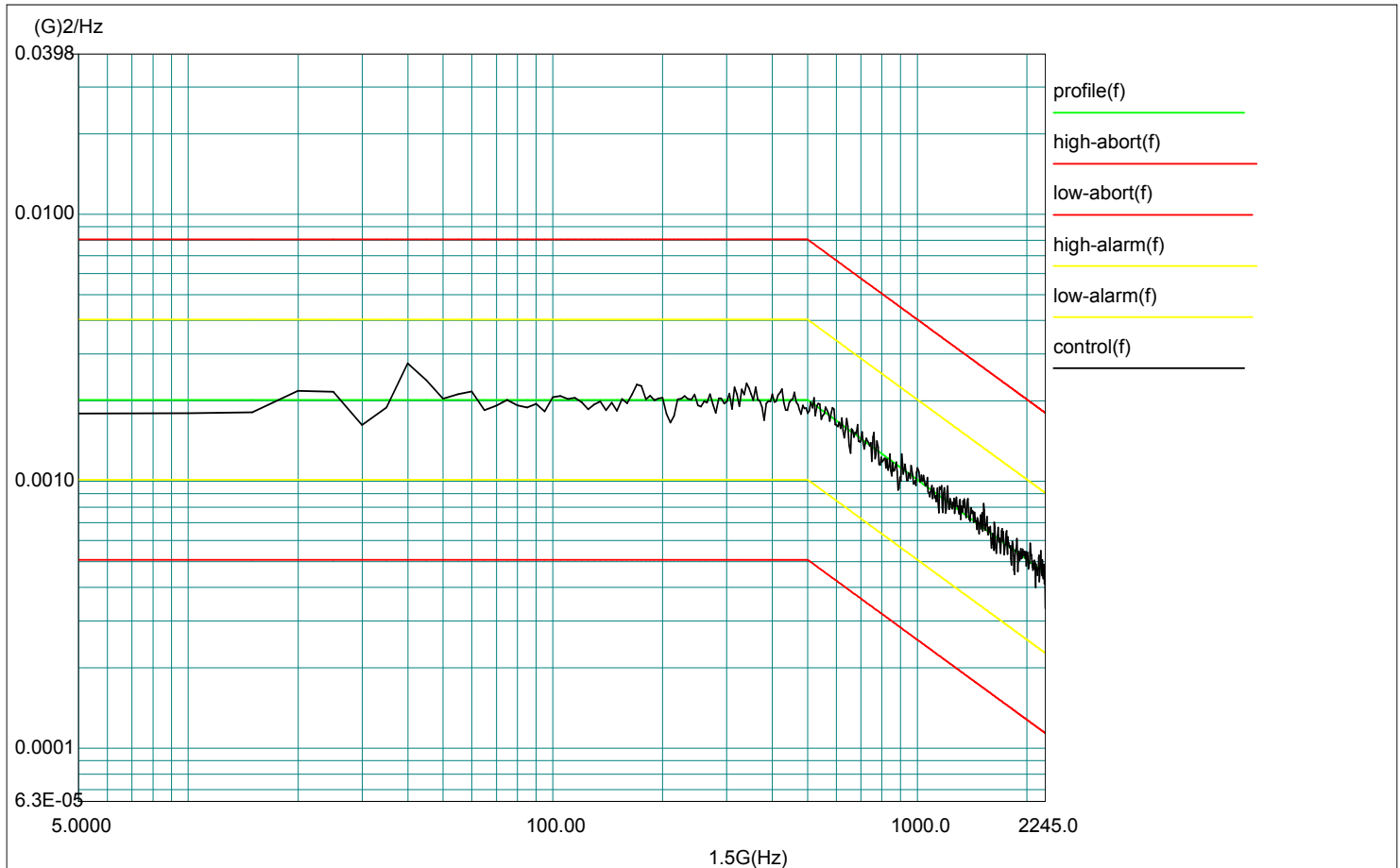


Project File Name: 1.5G.prj

Profile Name: X-Mat

Test Type: Random

Run Folder: \Run Jun 28,2004 09-23-48



Level: 100 %

Control RMS: 1.587545 G Full Level Elapsed Time: 00:40:00 Lines: 450 Frame Time: 0.200000 Seconds

Demand RMS: 1.589283 G Remaining Time: 00:00:00 DOF: 154 dF: 5.000000 Hz

Data saved at 10:57:18 AM, Monday, June 28, 2004

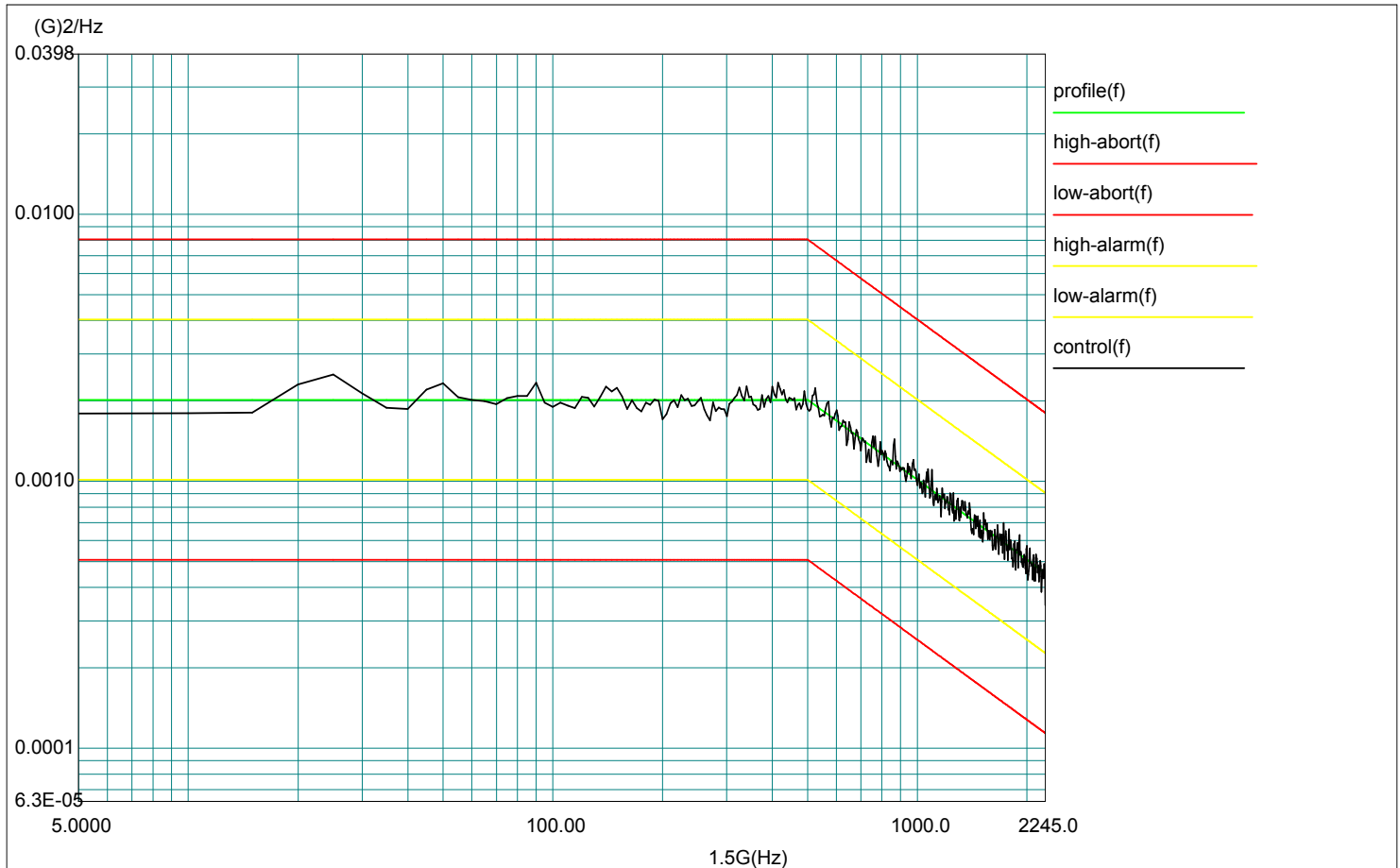
Report created at 10:57:23 AM, Monday, June 28, 2004

Project File Name: 1.5G.prj

Profile Name: Y-Mat

Test Type: Random

Run Folder: \Run Jun 28,2004 11-02-39



Level: 100 %

Control RMS: 1.586744 G Full Level Elapsed Time: 00:40:00 Lines: 450 Frame Time: 0.200000 Seconds

Demand RMS: 1.589283 G Remaining Time: 00:00:00 DOF: 154 dF: 5.000000 Hz

Data saved at 01:18:25 PM, Monday, June 28, 2004

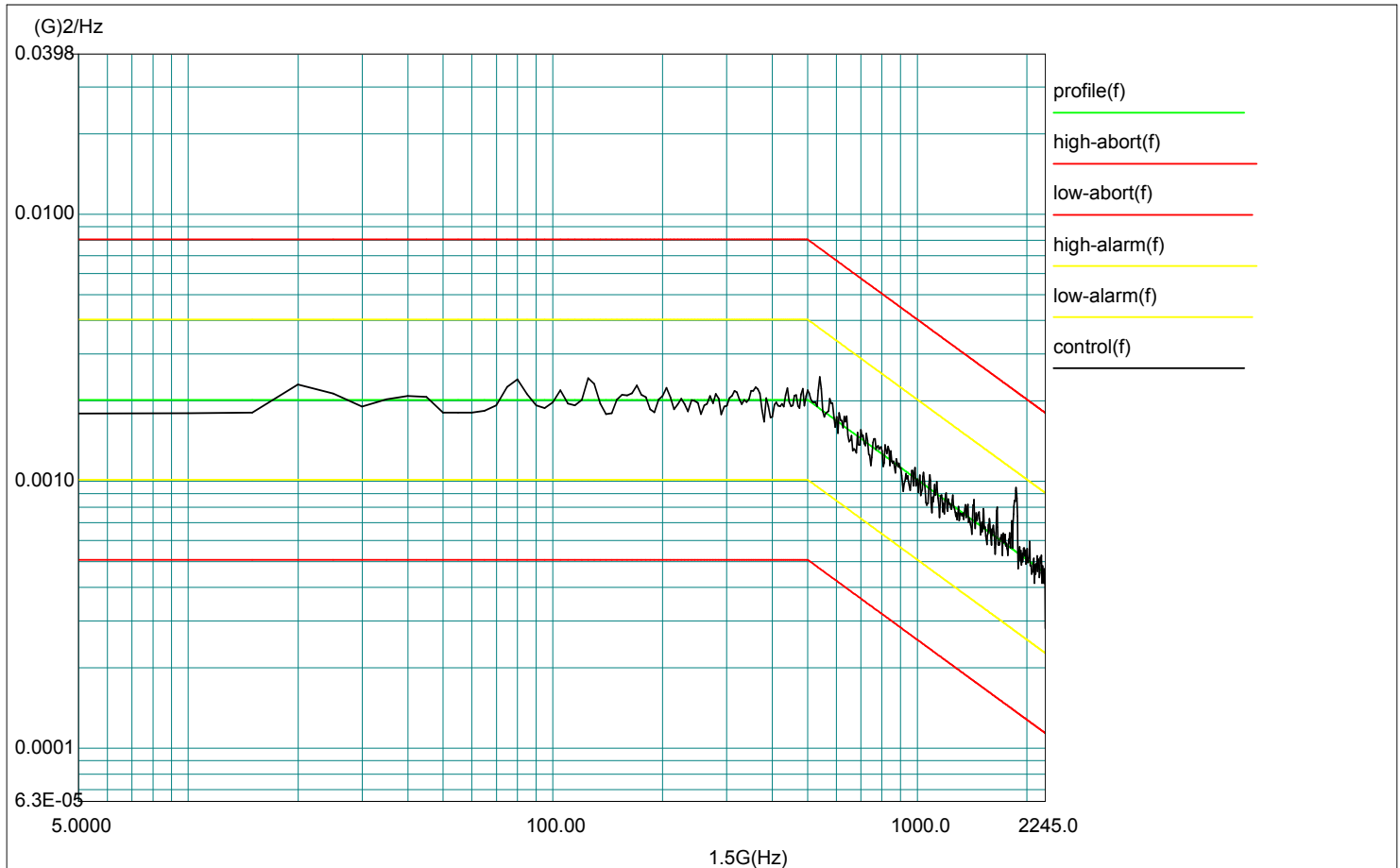
Report created at 01:18:26 PM, Monday, June 28, 2004

Project File Name: 1.5G.prj

Profile Name: Z-Mat

Test Type: Random

Run Folder: \Run Jun 28,2004 13-39-53



Level: 100 %

Control RMS: 1.594132 G Full Level Elapsed Time: 00:39:57 Lines: 450 Frame Time: 0.200000 Seconds

Demand RMS: 1.589283 G Remaining Time: 00:00:00 DOF: 154 dF: 5.000000 Hz

Data saved at 03:15:43 PM, Monday, June 28, 2004

Report created at 03:15:44 PM, Monday, June 28, 2004