VIBRATION TEST REPORT

Report No. : **ENVA05032904**

Product Name : **Multi-Slot Portable Workstations**

Product Model Number : **FieldGo R9**

Product Name	:	Multi-Slot Portable Workstations
Model Number	:	FieldGo R9
Applicant	:	Broadax Systems, Inc. 17539 E. Rowland Street City of Industry, CA 91748 1-800-872-4547
Date of Receipt	:	Mar. 31, 2005
Final date of Test	:	Mar. 31, 2005

We, **Spectrum Research & Testing Laboratory Inc.**, hereby certify that one sample of the above was tested in our laboratory according to the specifications required by the applicant. Details of the results are given in the subsequent pages of this report.

TESTING ENGINEER : Feyean Lai DATE Apr. 1. 2005
Feyean Lai

SUPERVISOR : Ted Jong DATE Apr. 1, 2005
Ted Jong

APPROVED BY : J H DATE 4/1/2005
Johnson Ho

TABLE OF CONTENTS

1. DOCUMENT POLICY, TEST STATEMENT

1.1. DOCUMENT POLICY

The report shall not be reproduced except in full, without the written approval of SRT Lab, Inc.

1.2. TEST STATEMENT

This report provides the test procedures and the test result to verify the tested unit provided by the applicant for the following: operational capabilities under normal conditions, and operational capabilities under various environmental conditions.

The data shown in this report reflect the test results for the condition described in the report.

No modifications were made by SRT Lab.

2. DESCRIPTION OF APPLIED SPECIFICATIONS

The tested unit was tested according to the specifications required by applicant. The test specifications are described below:

ITEM	WAVE	FREQ.; STRENGTH; SWEEP RATE	DURATION TIME	DIRECTION	OPERATION	REMARK OR SPECIMEN	TEST RESULT
1	Swept Sine	20 Hz-60 Hz, 0.075mm	0.5 hr	X, Y, Z	Unpacking	Operating	AA
2	Swept Sine	10 Hz-50 Hz, 0.15mm	0.5 hr	X, Y, Z	Unpacking	Non-Operating	AA

Note : a. Function performance : A : Normal Performance during test. ; B : Temporary degradation or loss of function or performance which is self-recoverable. C : Temporary degradation or loss of function or performance which requires operator intervention system reset. ; D : All function or performance fail. ; E : Checked by client only. ;

b. Frame, Construction : A : No damage. ; B : Frame or construction has been change or bend, but no broken or screw looser. ; C : Frame or construction has been broken or screw jump out.

The first word of the test result is function performance, and the second word of the test result is frame or construction.

3. TEST EQUIPMENT

The following test equipment was used for the test：

EQUIPMENT / FACILITIES	SPECIFICATIONS	MANUFACTURER	MODEL# / SERIAL#	DUE DATE OF CAL.
VIBRATION TESTER	MAX. DISPLACEMENT: 40 mm MAX. THRUST: 2000g N	KING DESIGN INDUSTRIAL CO., LTD	KD-9363EM-2000F2K-50N250 / XQ111099290	11.09.2005
VIBRATION CONTROLLER		DACTRON	Laser Shock Control System / 5158282	11.09.2005
CONTROL ACCELEROMETER		KISTLER	8704B100M1 / C192791	11.09.2005

Note : The calibration interval of the above test equipment is one year.

4. ENVIRONMENTAL CONDITIONS

Temperature : 20℃

Humidity : 60%RH

5. RESULTS

The EUT had no physics change after the test.

The EUT kept working after the test.

Please refer to the test records.

6. PHOTOS & FIGURES OF TEST

PHOTOS

ITEM 1, X-axis

ITEM 2, X-axis

ITEM 1, Y-axis

ITEM 2, Y-axis

ITEM 1, Z-axis

ITEM 2, Z-axis

FIGURE

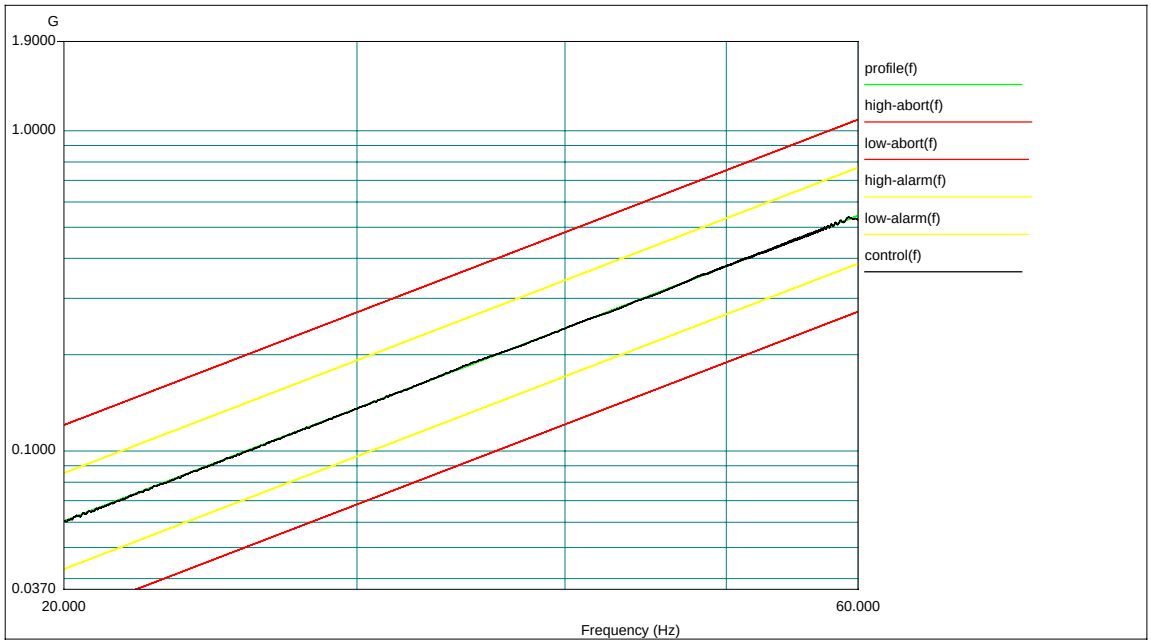
ITEM 1, X-axis

Project File Name:OP-20-60Hz 0.075mm.prj

Profile Name:20-60Hz 0.075mm

Test Type: Swept Sine

Run Folder:.\Run Mar 31,2005 17-03-47



Level:100 %

Control Peak: 0.456566 G

Full Level Time: 00:30:00

Sweep Type:Logarithmic

Frequency:55.086948 Hz

Demand Peak: 0.458442 G

Time Remaining: 00:00:00

Sweep Rate: 1 Oct/Min

Data saved at 05:33:51 PM, Thursday, March 31, 2005

Report created at 05:33:54 PM, Thursday, March 31, 2005

FIGURE

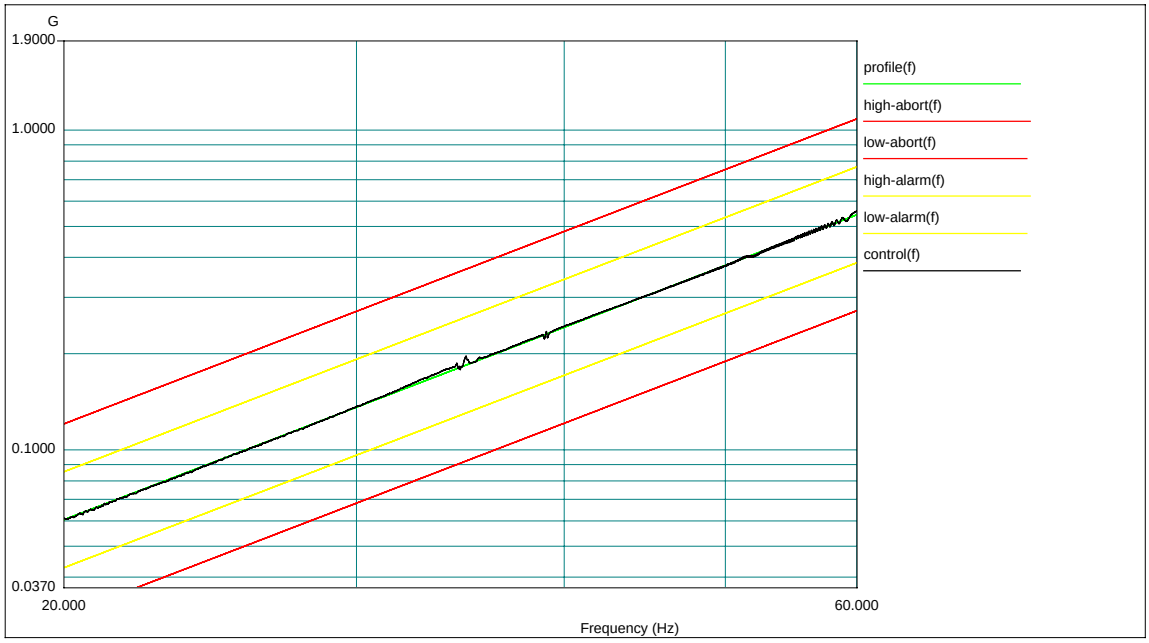
ITEM 1, Y-axis

Project File Name:OP-20-60Hz 0.075mm.prj

Profile Name: 20-60Hz 0.075mm

Test Type: Swept Sine

Run Folder:.\Run Mar 31,2005 15-53-59



Level:100 %

Control Peak: 0.459809 G

Full Level Time: 00:30:00

Sweep Type:Logarithmic

Frequency:55.053051 Hz

Demand Peak: 0.457950 G

Time Remaining: 00:00:00

Sweep Rate: 1 Oct/Min

Data saved at 04:24:03 PM, Thursday, March 31, 2005

Report created at 04:24:09 PM, Thursday, March 31, 2005

FIGURE

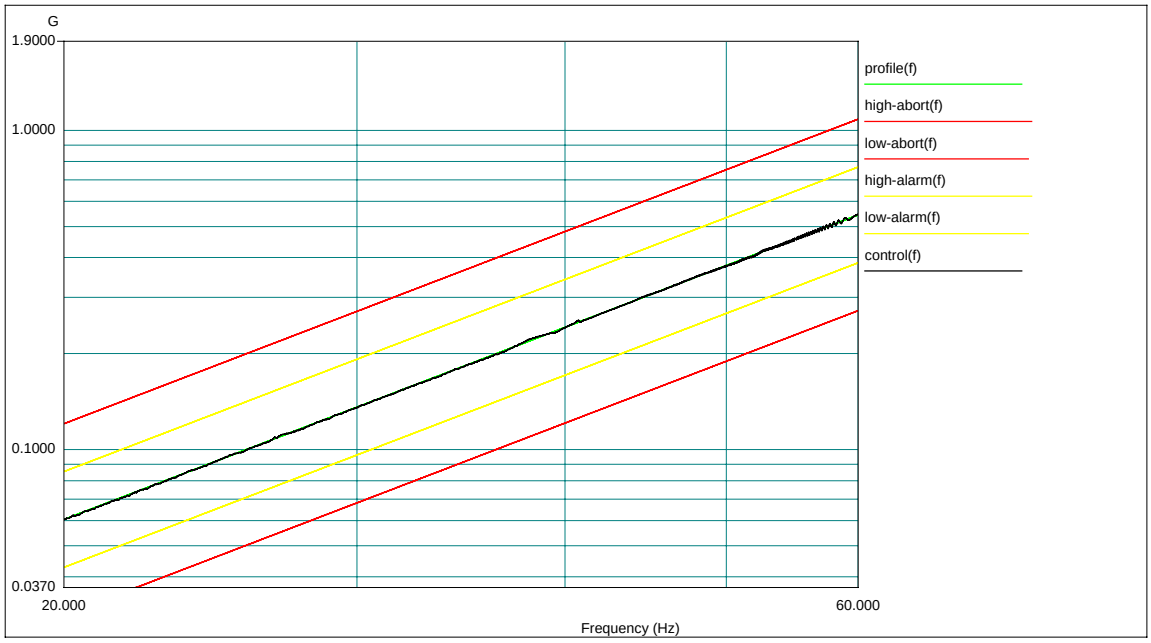
ITEM 1, Z-axis

Project File Name:OP-20-60Hz 0.075mm.prj

Profile Name:20-60Hz 0.075mm

Test Type: Swept Sine

Run Folder:.\Run Mar 31,2005 14-36-30



Level:100 %

Control Peak: 0.457163 G

Full Level Time: 00:30:00

Sweep Type: Logarithmic

Frequency: 54.992092 Hz

Demand Peak: 0.456968 G

Time Remaining: 00:00:00

Sweep Rate: 1 Oct/Min

Data saved at 03:06:33 PM, Thursday, March 31, 2005

Report created at 03:06:38 PM, Thursday, March 31, 2005

FIGURE

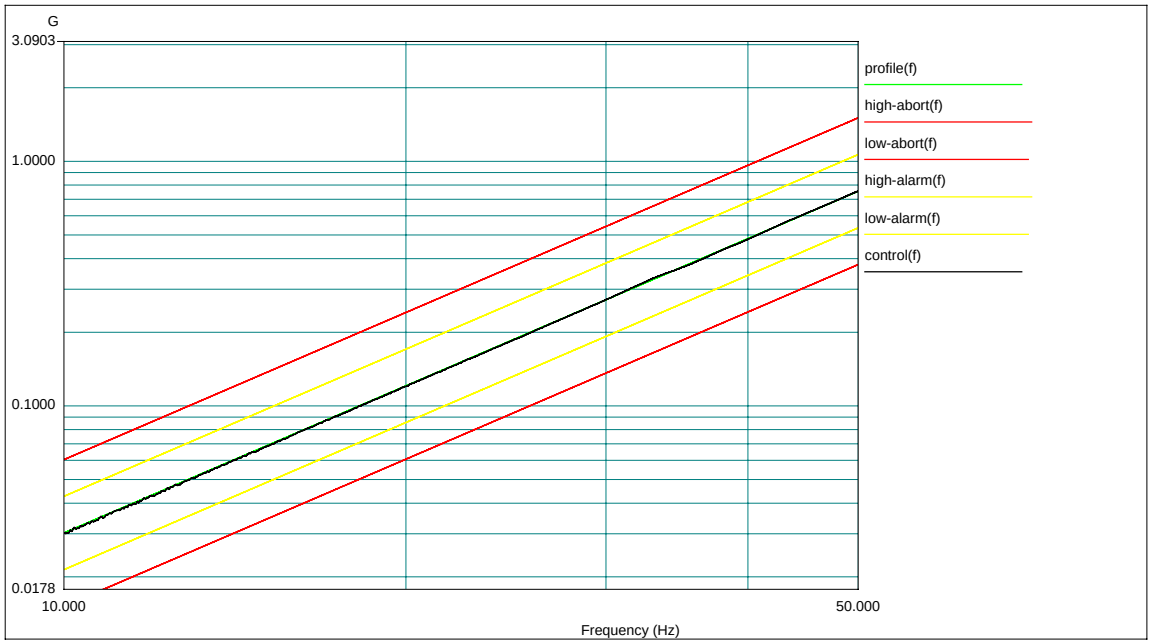
ITEM 2, X-axis

Project File Name: Non-OP-10-50Hz 0.15mm.prj

Profile Name: 10-50Hz 0.15mm

Test Type: Swept Sine

Run Folder:.\Run Mar 31,2005 17-34-54



Level: 100 %

Control Peak: 0.578084 G

Full Level Time: 00:30:00

Sweep Type: Logarithmic

Frequency: 43.635788 Hz

Demand Peak: 0.575407 G

Time Remaining: 00:00:00

Sweep Rate: 1 Oct/Min

Data saved at 06:04:59 PM, Thursday, March 31, 2005

Report created at 06:05:04 PM, Thursday, March 31, 2005

FIGURE

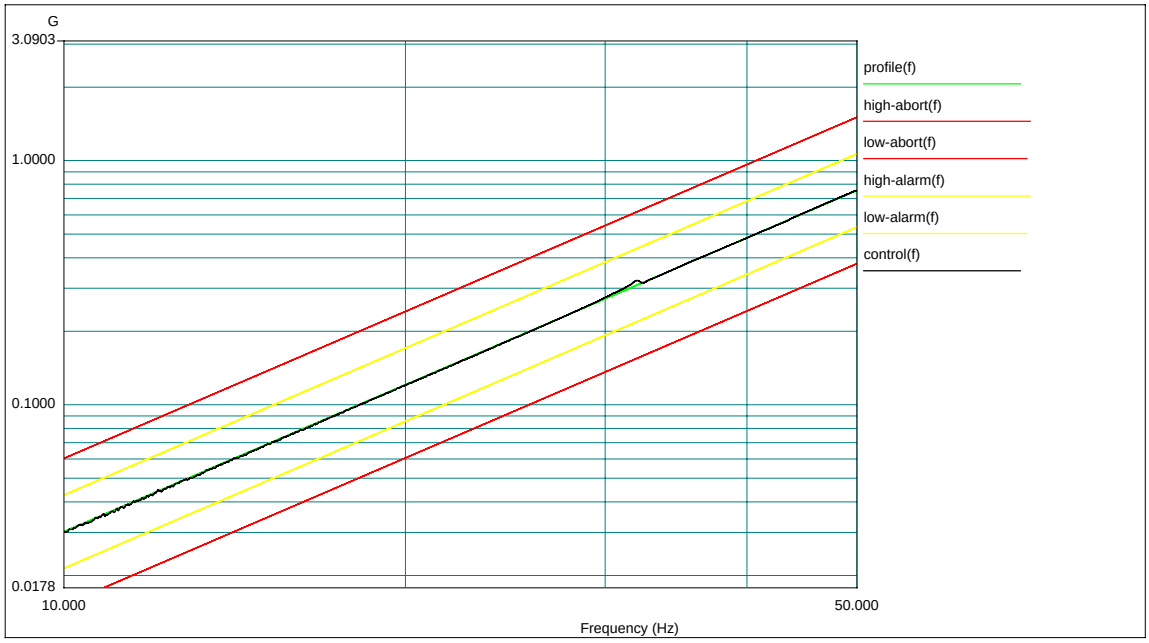
ITEM 2, Y-axis

Project File Name:Non-OP-10-50Hz 0.15mm.prj

Profile Name:10-50Hz 0.15mm

Test Type: Swept Sine

Run Folder:.\Run Mar 31,2005 16-25-37



Level: 100 %

Control Peak: 0.571780 G

Full Level Time: 00:30:00

Sweep Type: Logarithmic

Frequency: 43.587471 Hz

Demand Peak: 0.574272 G

Time Remaining: 00:00:00

Sweep Rate: 1 Oct/Min

Data saved at 04:55:42 PM, Thursday, March 31, 2005

Report created at 04:55:44 PM, Thursday, March 31, 2005

FIGURE

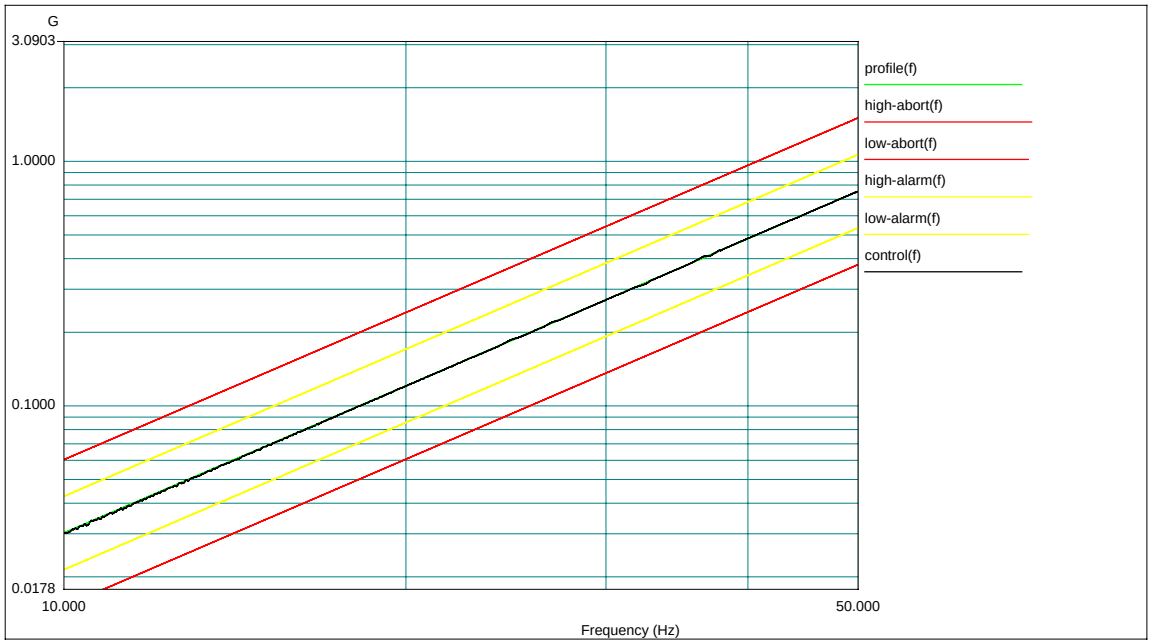
ITEM 2, Z-axis

Project File Name: Non-OP-10-50Hz 0.15mm.prj

Profile Name:10-50Hz 0.15mm

Test Type: Swept Sine

Run Folder:.\Run Mar 31,2005 15-10-21



Level: 100 %

Control Peak: 0.576237 G

Full Level Time: 00:30:00

Sweep Type: Logarithmic

Frequency: 43.651901 Hz

Demand Peak: 0.575971 G

Time Remaining: 00:00:00

Sweep Rate: 1 Oct/Min

Data saved at 03:40:26 PM, Thursday, March 31, 2005

Report created at 03:40:31 PM, Thursday, March 31, 2005