

KING DESIGN INDUSTRIAL CO., LTD.5F, NO. 3, Lane 270, Pei Shen Road Sec. 3,
Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C
TEL: 886-2-2662-5100 FAX: 886-2-2662-3094**VIBRATION TEST LABORATORY**<http://www.kdi.tw>
<http://www.vibration.com.tw>
E-mail: service@kdi.tw**TESTING / INSPECTION REPORT**

REPORT NO : VT-151109-2

COMPANY : PERFECTRON Co., Ltd.

ADDRESS : 2F., No.190, Sec. 2, Zhongxing Rd.,
Xindian Dist., New Taipei City 23146, Taiwan (R.O.C.)

TEL : +886-2-8911-8077

FAX : +886-2-8911-2324

SPECIMEN : ROC235A

DATE OF RECEIVED : 2015/11/04

DATE OF TESTED : 2015/11/04

TEST / INSPECTION ITEMS : Vibration Test

REMARKS :

- The laboratory is accredited by ISO/IEC 17025 General Requirements for the Competence of Calibration and Testing Laboratory.
- The results only apply to the device under test.
- This report is 8 pages, and no part of it may be abstracted or reproduced.

Test Engineer :

Peter Peng.

Approval Signatory

David Lee

2015.11.10

Laboratory Head :

Hsin Zai Chang

金頓科

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TESTING / INSPECTION REPORT

TESTING EQUIPMENT :

Vibration Tester : KING DESIGN KD-9363EM-600F2K-50N120,
S/N : KDS11054783
Controller : VCS-913⁺, S/N : 1312416
Control Accelerometer : Wilcoxon Research WR-777, S/N : 4208

TEST ENVIRONMENT :

Temperature : 25°C (25±10°C)
Relative Humidity : 65%RH (50±25% RH)

SPECIMEN :

Model : ROC235A
Quantity : 1 unit

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TEST SPECIFICATION :

(1) Random vibration test (Operating)

Frequency	: 10 Hz to 500 Hz
Acceleration	: 3 g rms
P.S.D.	: 0.1331 g ² /Hz (10 Hz)
	0.1331 g ² /Hz (40 Hz)
	0.000866 g ² /Hz (500 Hz)
Test Axis	: X, Y, Z axis
Test Time	: 30 mins (Each axis)
Total Test Time	: 1.5 hrs

TEST RESULT :

Describe	PASS ⁽¹⁾	FAIL	Non-Judgment
Function judgment	√	---	---
Appearance check	√	---	---
(1)-- After completely testing, no loose screws and visible damages were found. Power and interface operation was normal.			

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TESTING / INSPECTION REPORT

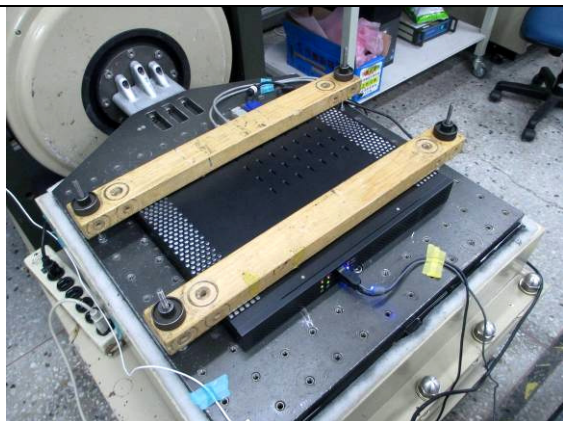
Testing photos (Operating)



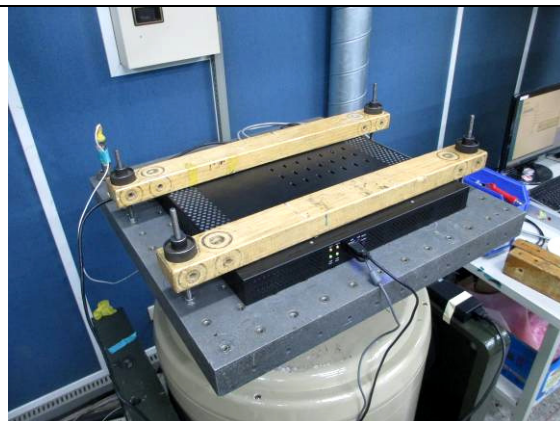
X axis



Y axis



Z axis



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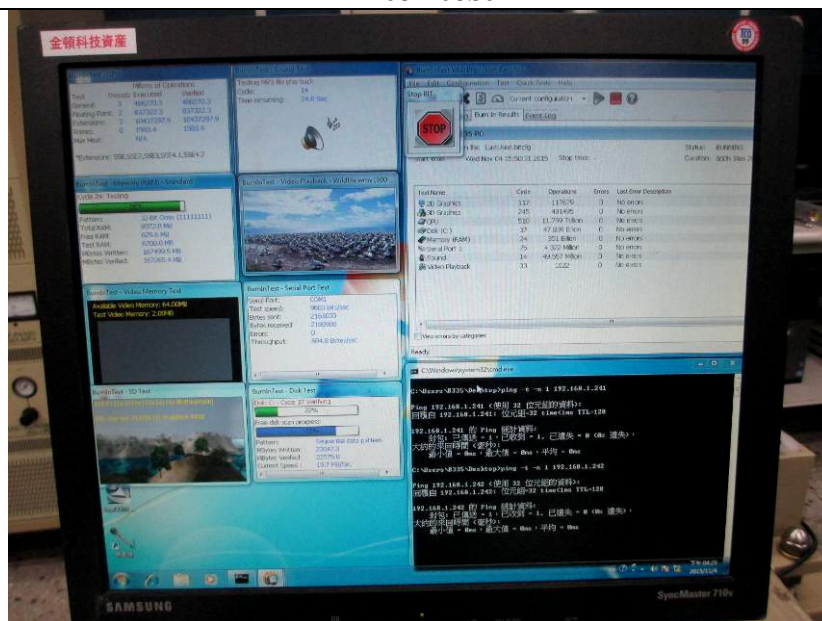
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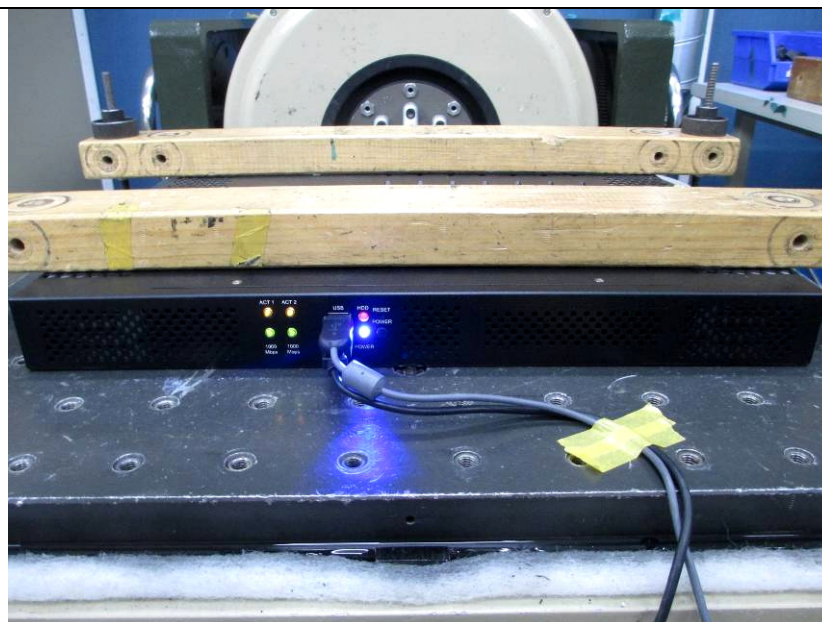
TESTING / INSPECTION REPORT

Testing photos

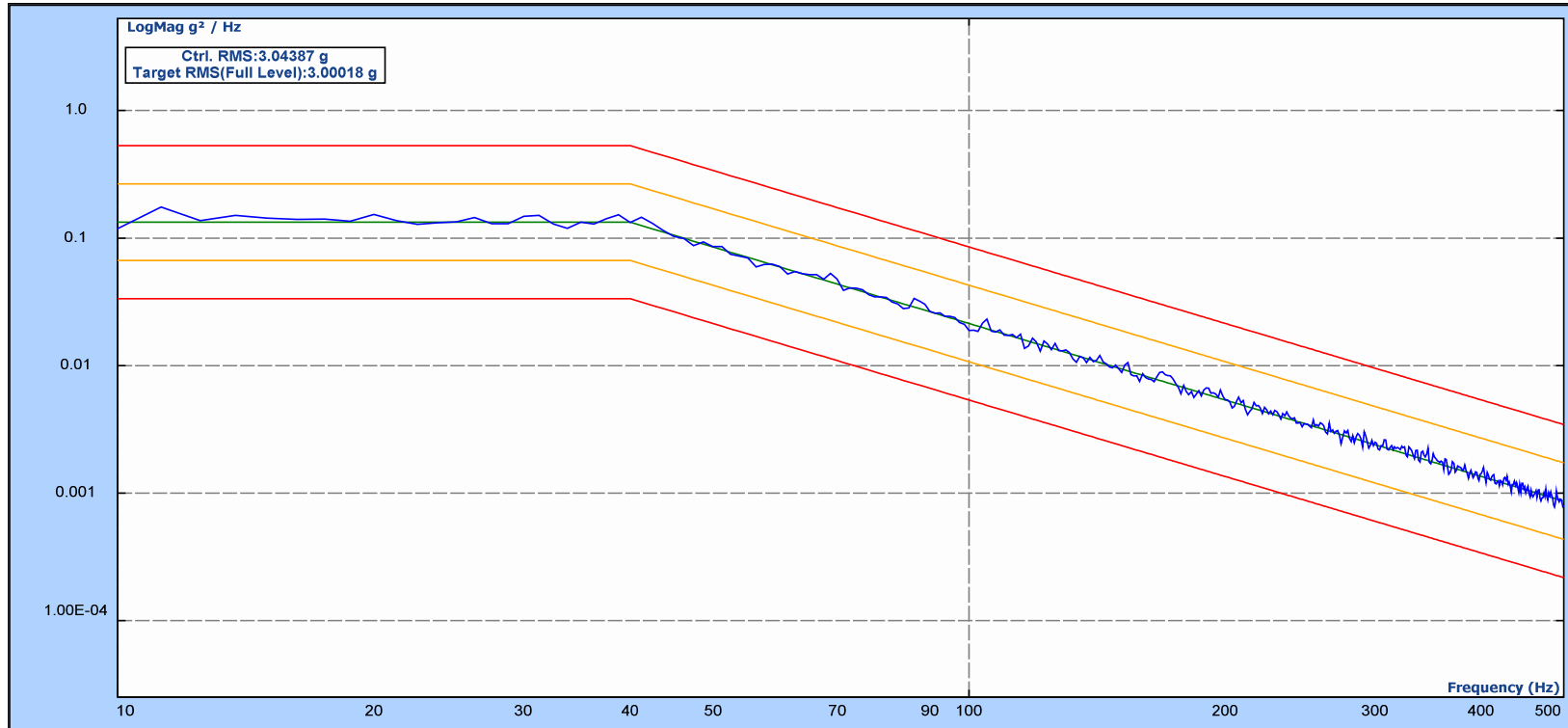
After test



After test



X axis



Level: 100.00 %

Velocity Pk: 531.0 mm/s

Remaining: 00:00:00

Drive Pk: 1.066V

Control RMS: 3.044 g

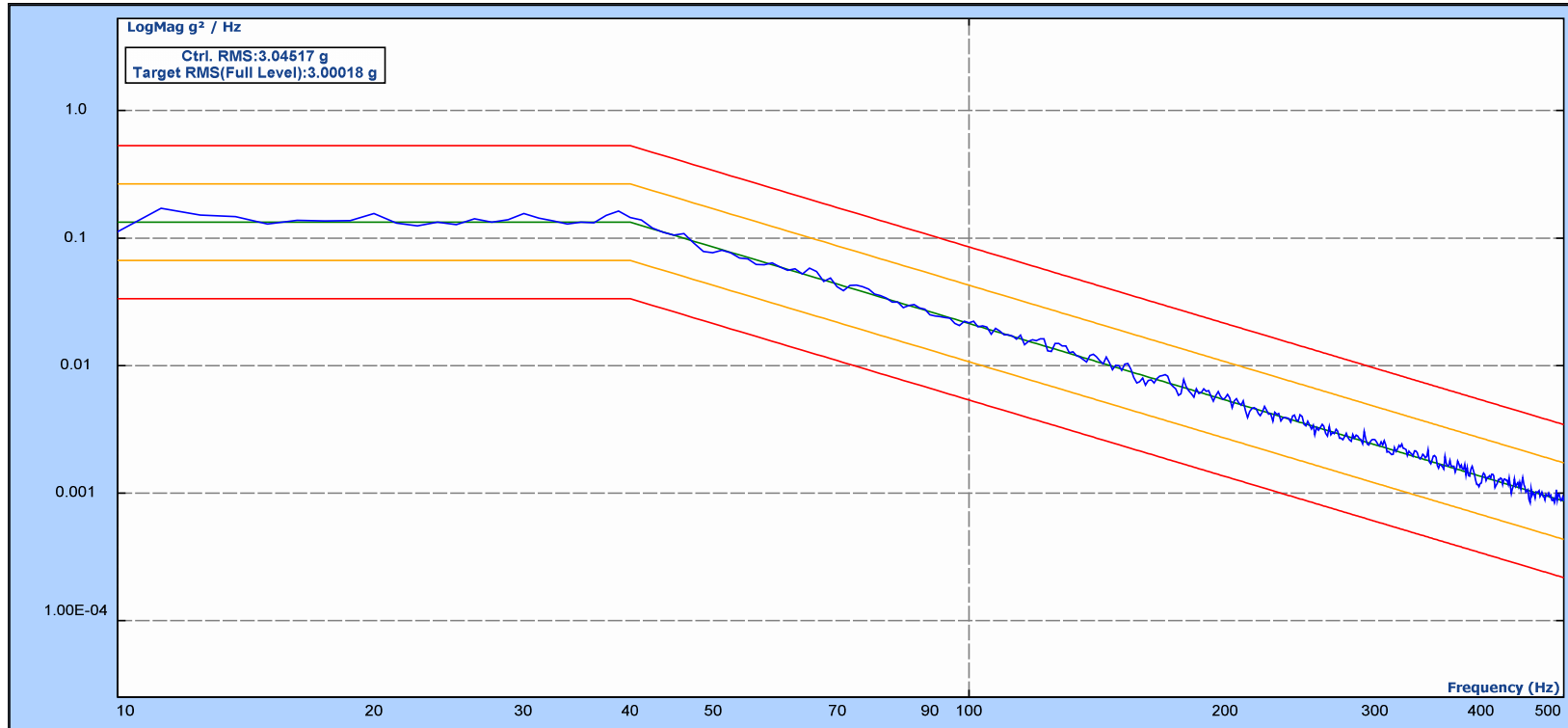
Total Elapsed: 00:31:15

Est. Disp. : 11.36 mm Pk-Pk

Target RMS: 3.000 g

Full Level Elapsed: 00:30:00

Y axis



Level: 100.00 %

Velocity Pk: 525.3 mm/s

Remaining: 00:00:00

Drive Pk: 1.104V

Control RMS: 3.047 g

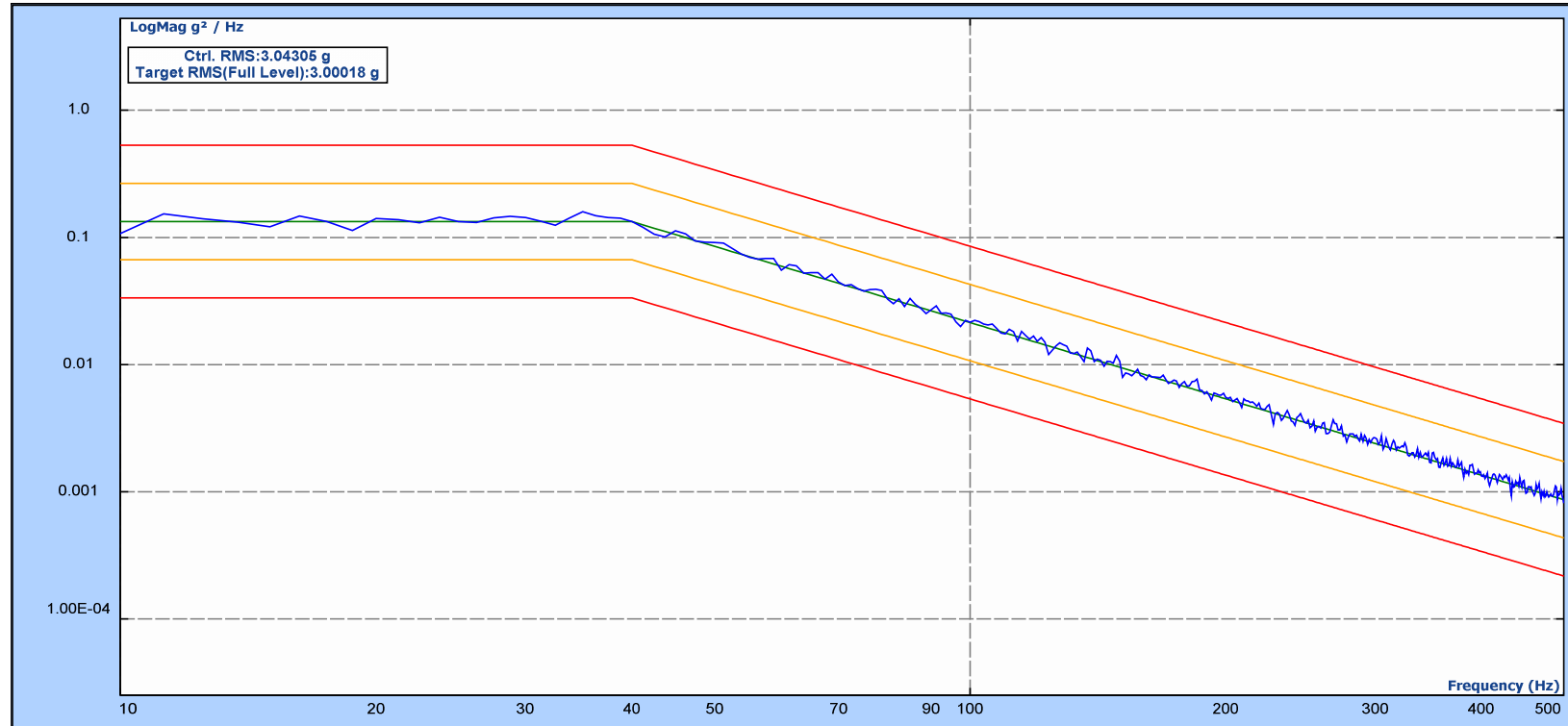
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Est. Disp. : 11.11 mm Pk-Pk

Target RMS: 3.000 g

Full Level Elapsed: 00:30:00

Z axis



Level: 100.00 %

Velocity Pk: 516.1 mm/s

Remaining: 00:00:00

Drive Pk: 1.205V

Control RMS: 3.044 g

Total Elapsed: 00:32:09

Est. Disp. : 10.84 mm Pk-Pk

Target RMS: 3.000 g

Full Level Elapsed: 00:30:00

-END-