

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-151005-5

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 : SR200、SR700

DATE OF RECEIVED : 2015/09/30

DATE OF TESTED : 2015/09/30

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

Laboratory Head :

Hein Tai Chang

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TESTING / INSPECTION REPORT

TESTING EQUIPMENT :

Vibration Tester : KING DESIGN KD-9363EM-1000F2K-50N120,
S/N : GUG02102091
Controller : DACTRON COMET DSP, S/N : 8208367
Control Accelerometer : WILCOXON RESEARCH WR-784A, S/N : 23116

TEST ENVIRONMENT :

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

SPECIMEN :

Model : SR200 、 SR700
Quantity : 2 units

TESTING / INSPECTION REPORT

TEST SPECIFICATION :

(1)Random vibration test (Operating)

Frequency : 20 Hz to 2000 Hz
 Acceleration : 10 g rms
 P.S.D. : 0.0675566 g²/Hz (20 Hz)
 0.0675566 g²/Hz (1000 Hz)
 0.0168891 g²/Hz (2000 Hz)
 Test Axis : X, Y axis
 Test Time : 30 mins (Each axis)
 Total Test Time : 60 mins

(2)Random vibration test (Operating)

Frequency : 20 Hz to 2000 Hz
 Acceleration : 5 g rms
 P.S.D. : 0.0168895 g²/Hz (20 Hz)
 0.0168895 g²/Hz (1000 Hz)
 0.0042223 g²/Hz (2000 Hz)
 Test Axis : Z axis
 Test Time : 30 mins
 Total Test Time : 30 mins

TEST RESULT :

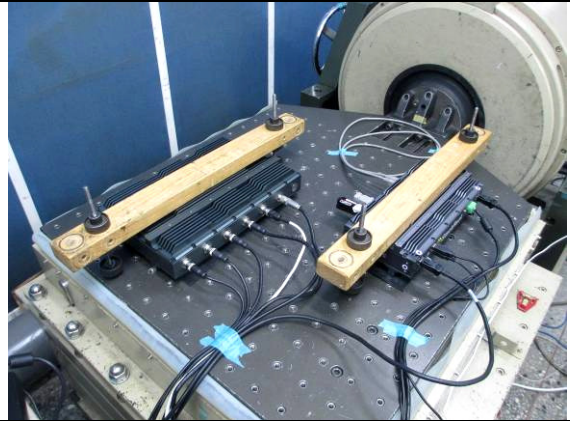
Describe	PASS ⁽¹⁾	FAIL	Non-Judgment
Function judgment	√	— —	— —
Appearance check	√	— —	— —
(1)-- After completely testing, visual inspection showed no physical defect on unit. Power and interface operation was normal.			

TESTING / INSPECTION REPORT

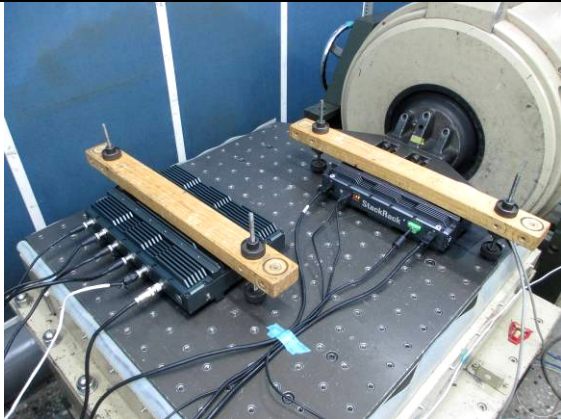
Testing photos (Operating)



X axis



Y axis



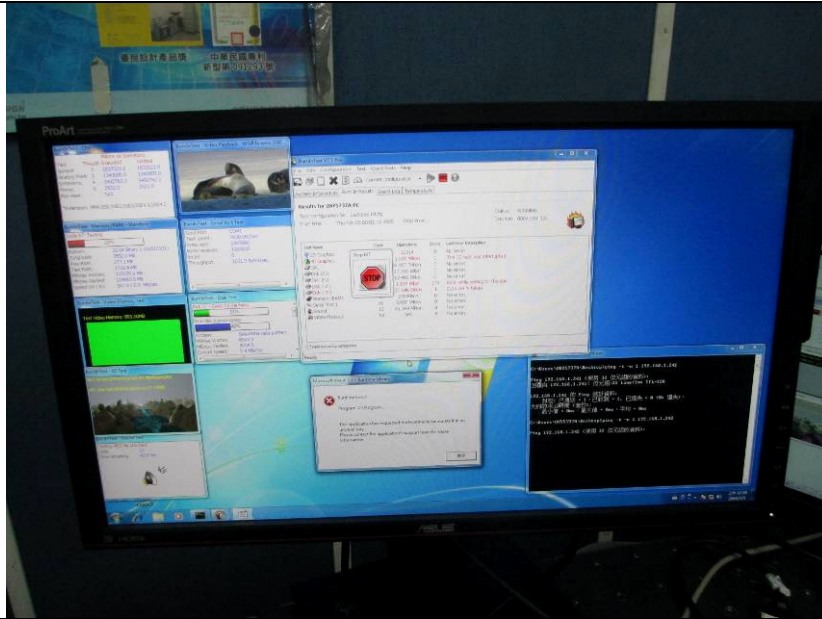
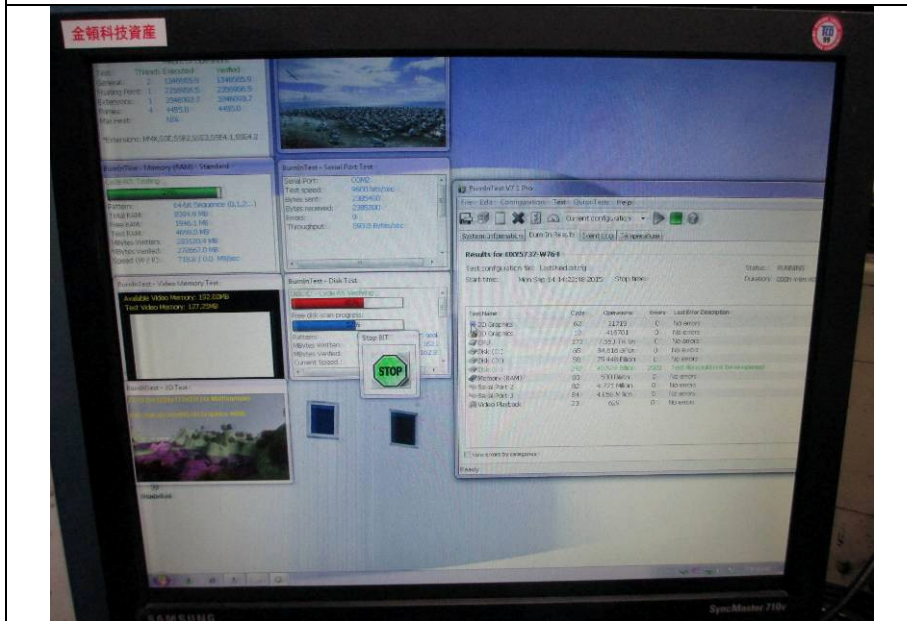
Z axis



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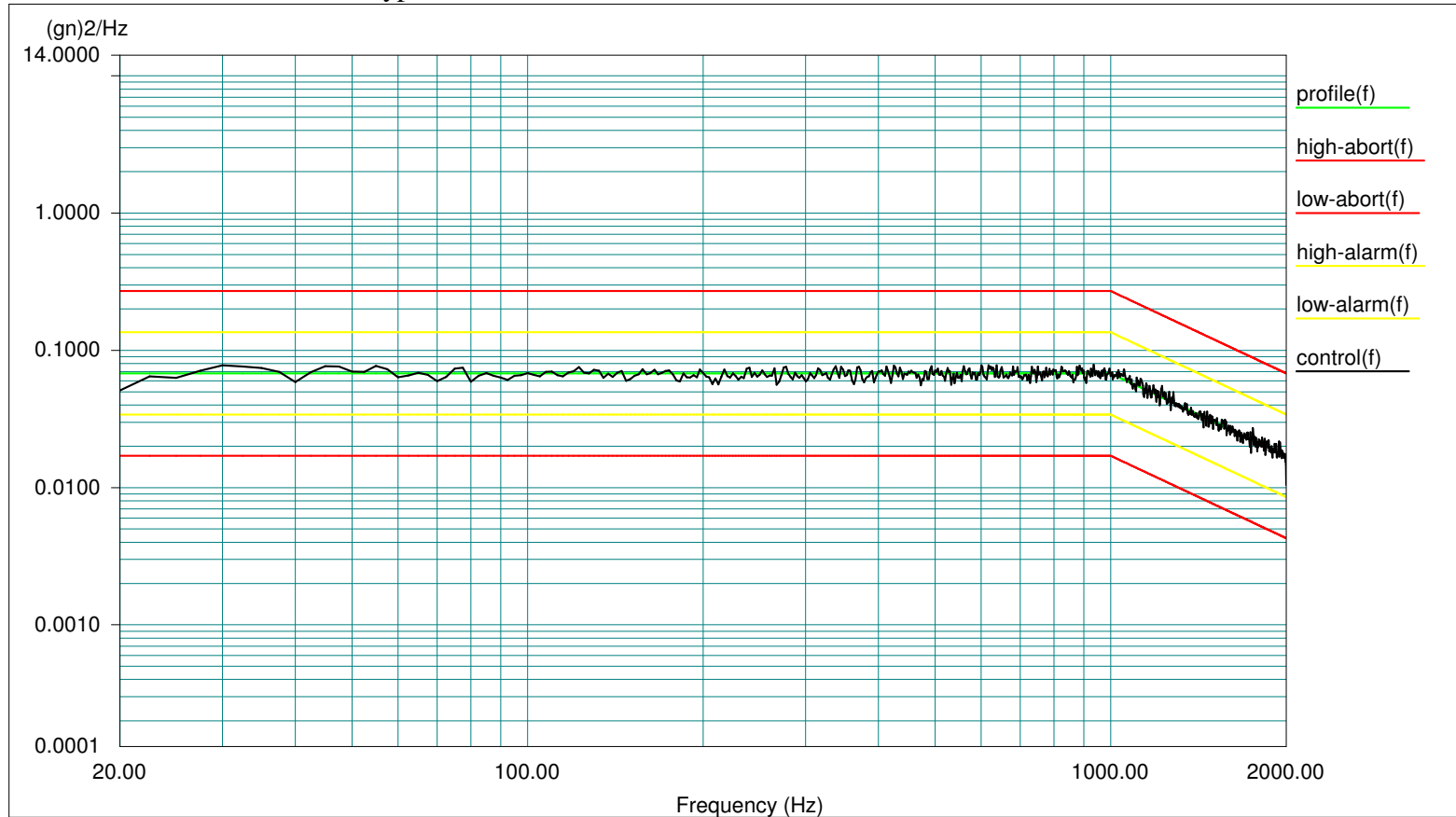
Testing photos

After test

After test


X axis

Project File Name: 20~2000Hz

Profile Name: Test Type: Random Run Folder: .\RunFolder



Level: 100 %

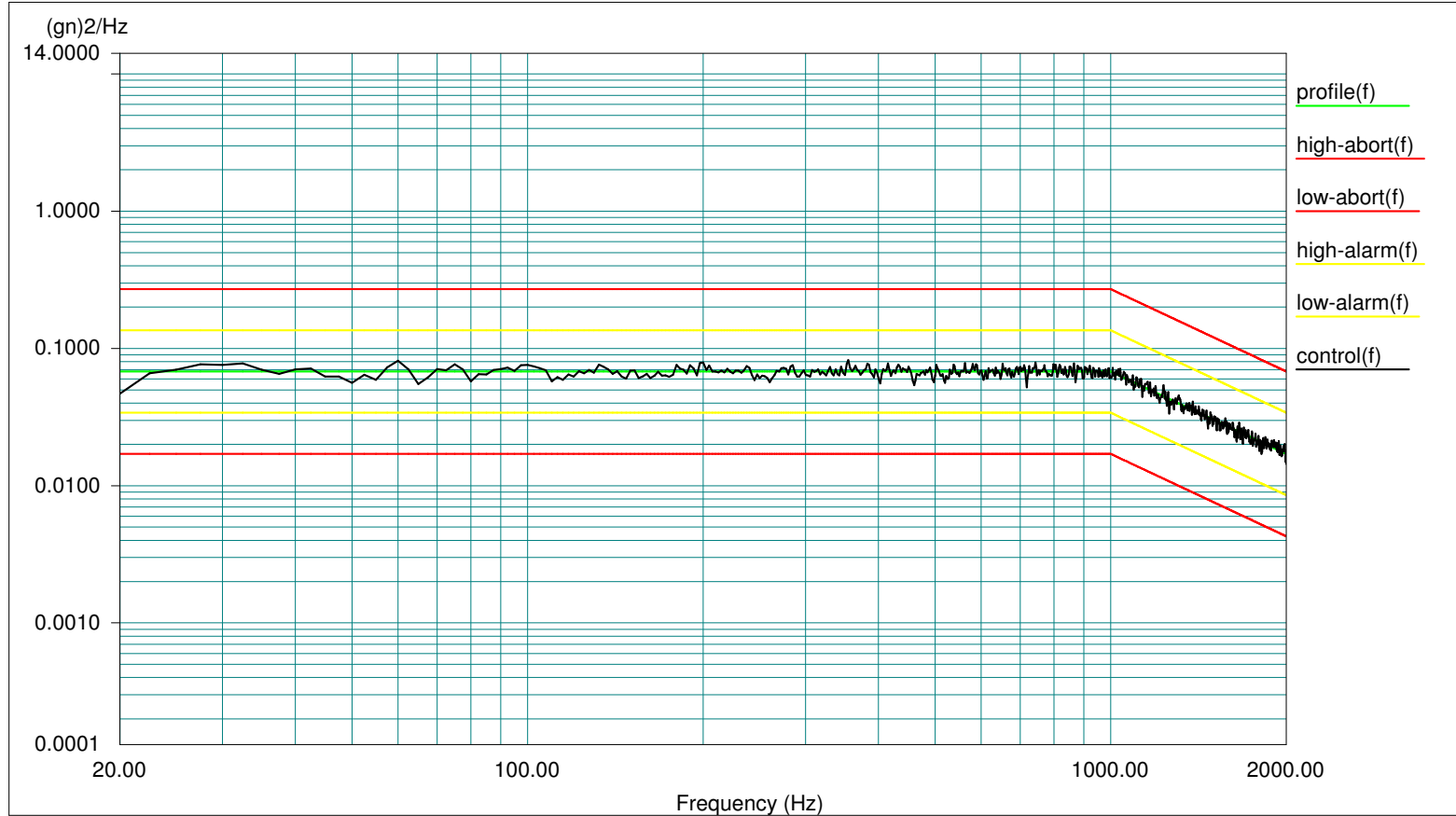
Control RMS: 10.024652 gn Full Level Elapsed Time: 00:30:00 Lines: 800 Frame Time: 0.400000 Seconds

Demand RMS: 10.002384 gn Remaining Time: 00:00:00 DOF: 154 dF: 2.500000 Hz

Y axis

Project File Name: 20~2000Hz

Profile Name: Test Type: Random Run Folder: .\RunFolder Sep



Level: 100 %

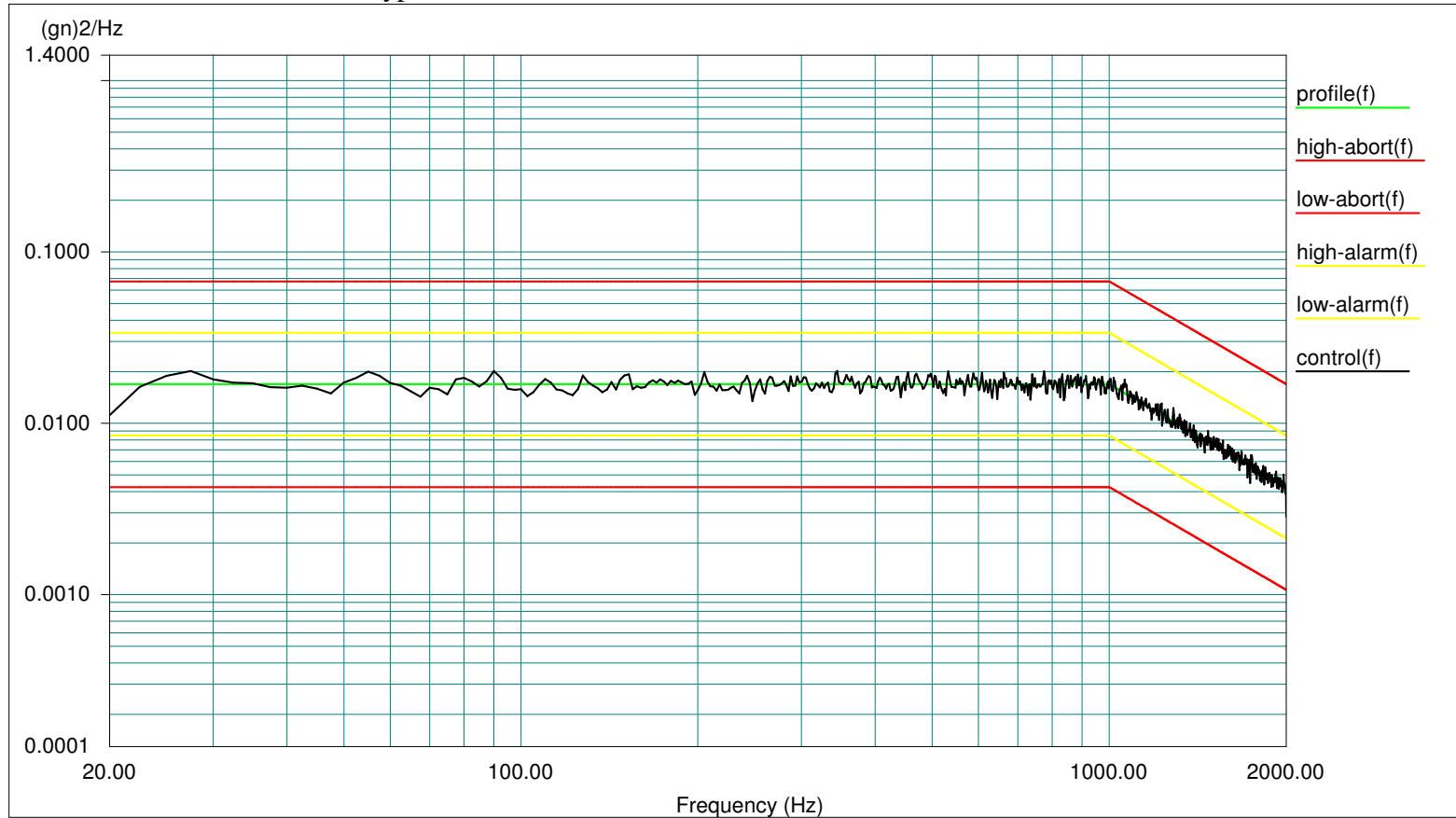
Control RMS: 10.011051 gn Full Level Elapsed Time: 00:30:00 Lines: 800 Frame Time: 0.400000 Seconds

Demand RMS: 10.002384 gn Remaining Time: 00:00:00 DOF: 154 dF: 2.500000 Hz

Z axis

Project File Name: 20~2000Hz

Profile Name: Test Type: Random Run Folder: .\RunFolder



Level: 100 %

Control RMS: 5.022127 gn Full Level Elapsed Time: 00:30:00 Lines: 800 Frame Time: 0.400000 Seconds

Demand RMS: 5.001184 gn Remaining Time: 00:00:00 DOF: 154 dF: 2.500000 Hz

-END-