

TESTING / INSPECTION REPORT

REPORT NO : VT-180511-1

COMPANY : TechNexion Ltd.

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SPECIMEN : TEP1010-BSW series

TEP5-BSW N3710---TEP5-BSW N3710

Power Expansion-L130---TXB-P1-1030V-LAN1

I/O Expansion-XG21---TXB-I2-GS2-GG8

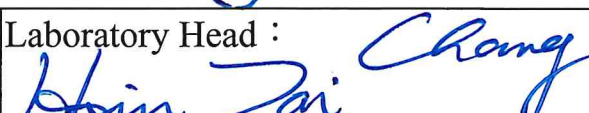
DATE OF RECEIVED : 2018/04/26

DATE OF TESTED : 2018/04/26

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 : 	
Approval Signatory :  2018.6.8	Laboratory Head : 

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TESTING EQUIPMENT :

- | | |
|--------------------------|--|
| 1. Vibration Tester | : KING DESIGN KD-9363EM-1000F2K-50N120,
S/N : GUG02102091 |
| 2. Controller | : DACTRON LASER USB, S/N : 12448370 |
| 3. Control Accelerometer | : WILCOXON RESEARCH WR-784A, S/N : 23116 |

TEST ENVIRONMENT :

- | | |
|-------------------|---------------------|
| Temperature | : 25°C (25±10°C) |
| Relative Humidity | : 62%RH (50±25% RH) |

SPECIMEN :

- | | |
|-------------|--|
| Model/(S/N) | : TEP1010-BSW series
TEP5-BSW N3710---TEP5-BSW N3710
Power Expansion-L130---TXB-P1-1030V-LAN1
I/O Expansion-XG21---TXB-I2-GS2-GG8 |
|-------------|--|

- | | |
|----------|----------|
| Quantity | : 1 unit |
|----------|----------|

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TEST SPECIFICATION :

As per applicant's requirement---

Random Vibration test (Operating)

Frequency : 5 Hz to 500 Hz

Frequency (Hz)	PSD (g) ² /Hz
5	0.00202068
500	0.00202068

Test Axis : X, Y, Z axis

Acceleration : 1 grms

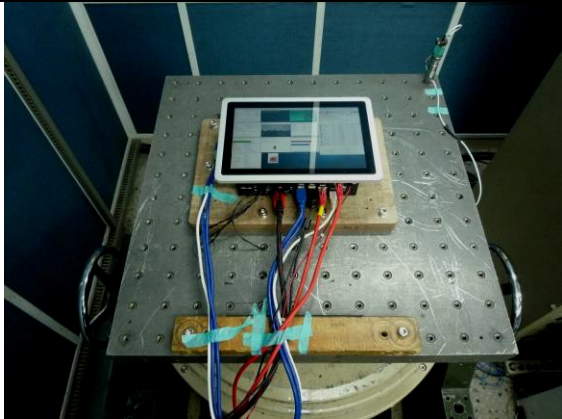
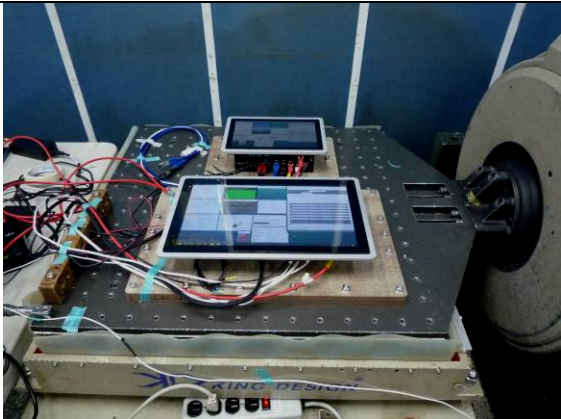
Test Time : 60 min / axis

Total Test Time : 180 min

TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment ⁽¹⁾	√	—	—
Appearance check ⁽²⁾	√	—	—
(1)—Bootting function was normal after the test.			
(2)—No visible damages were found.			

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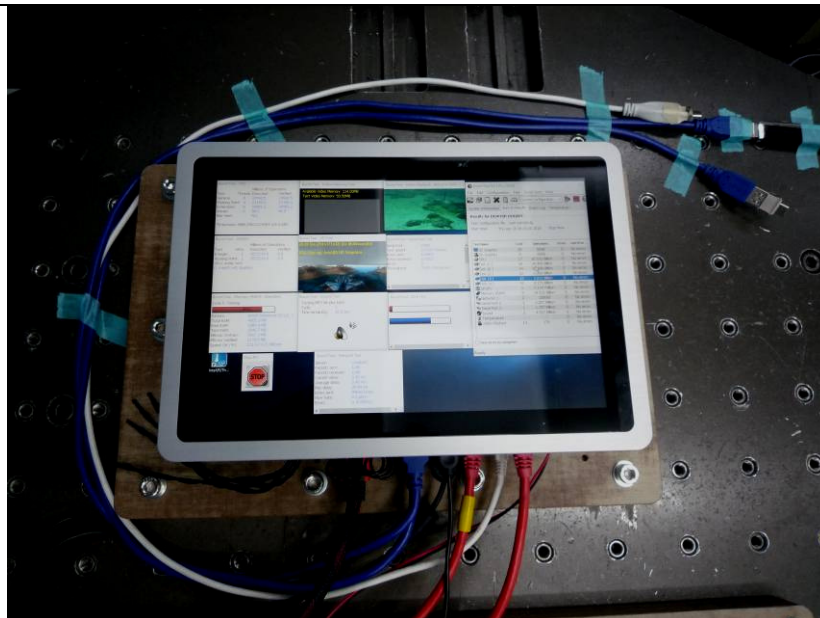
Vibration testing photos	
Testing equipment	Z axis
	
X axis	Y axis
	

Testing photos

After test-1

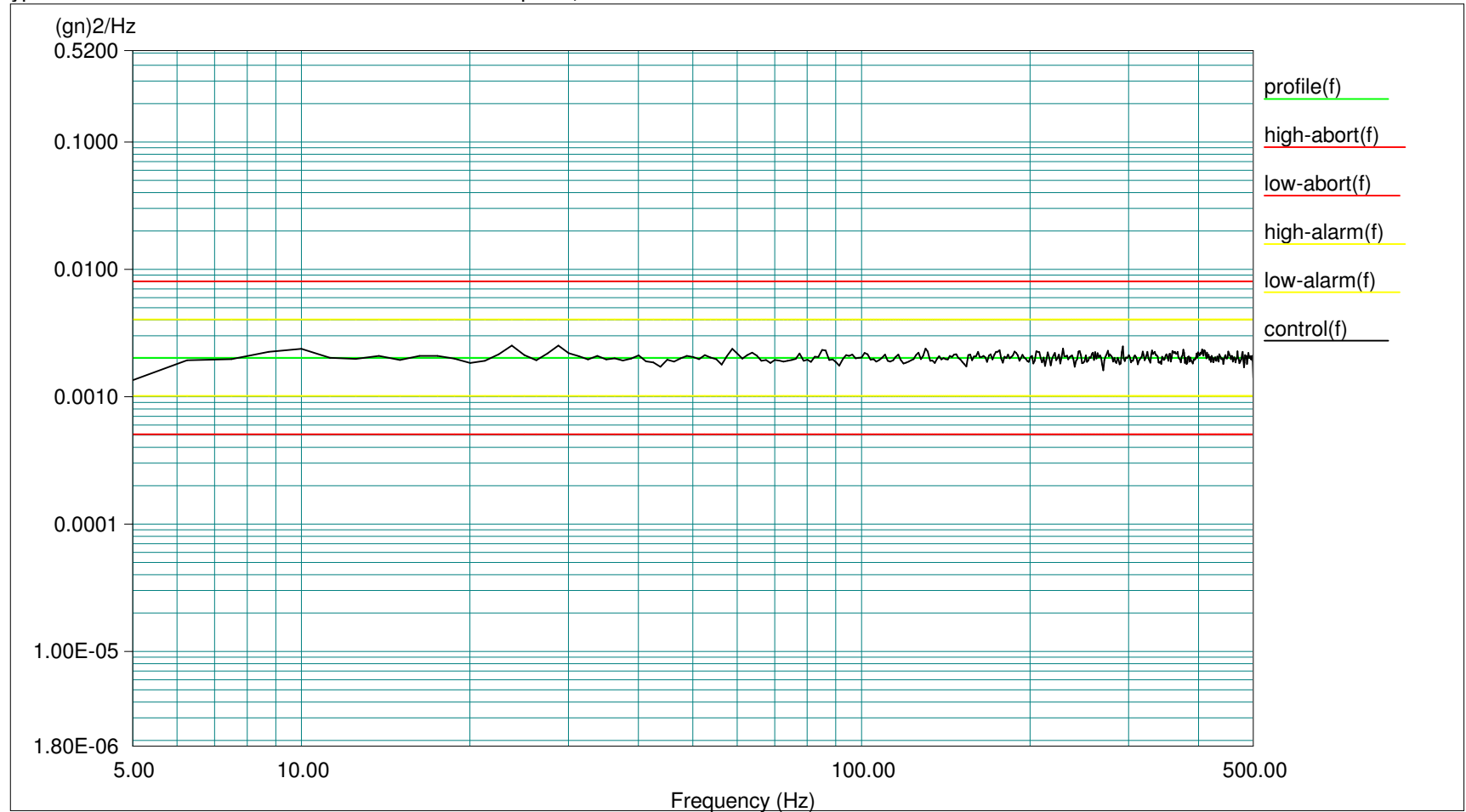


After test-2



X axis -

Test Type: Random Run Folder: .\RunFolder Apr 26, 2018 11-03-49

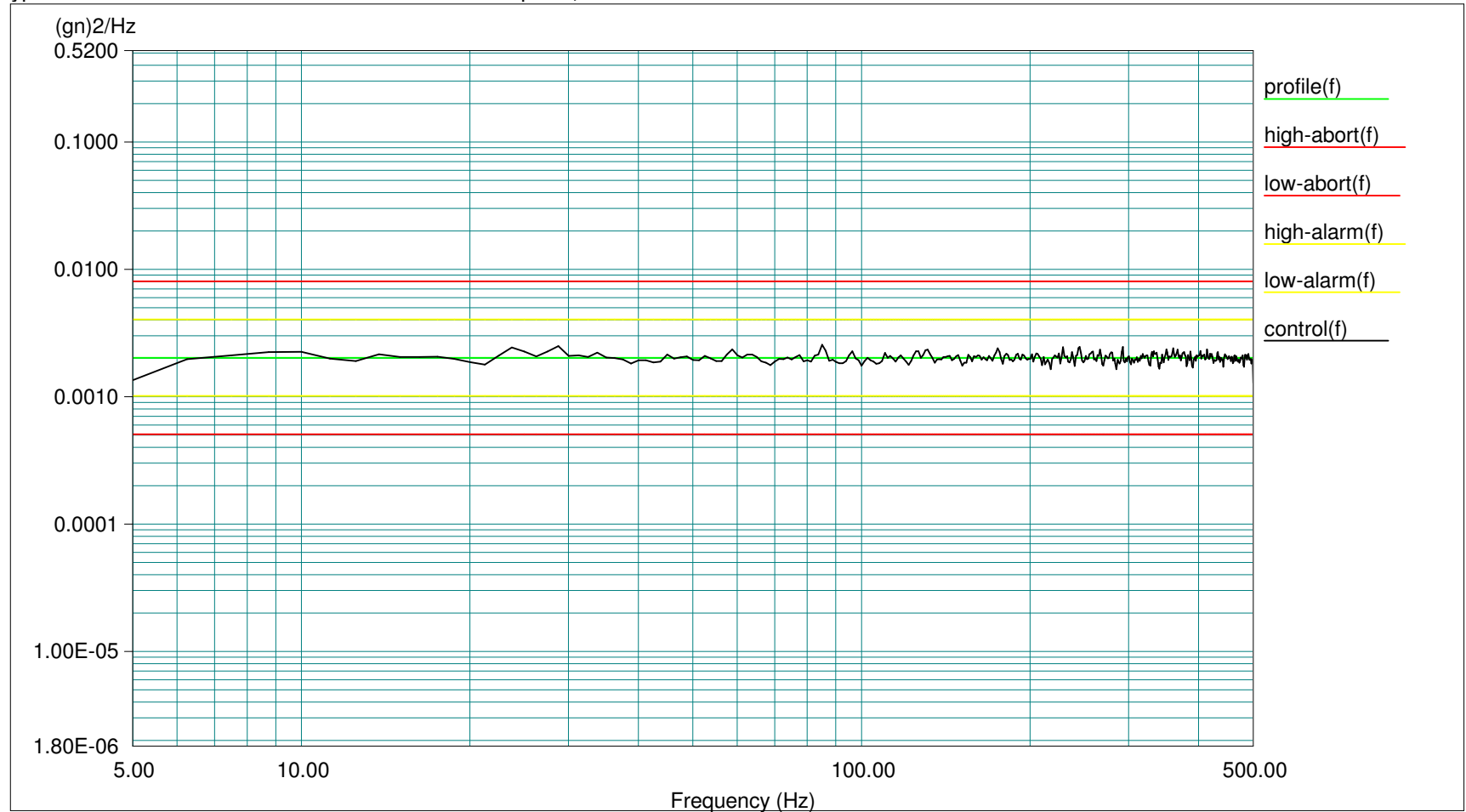


Level: 100 %

Control RMS: 1.003309 gn	Full Level Elapsed Time: 01:00:00	Lines: 400	Frame Time: 0.800000 Seconds
Demand RMS: 1.000664 gn	Remaining Time: 00:00:00	DOF: 154	dF: 1.250000 Hz

Y axis

Test Type: Random Run Folder: .\RunFolder Apr 26, 2018 09-41-44

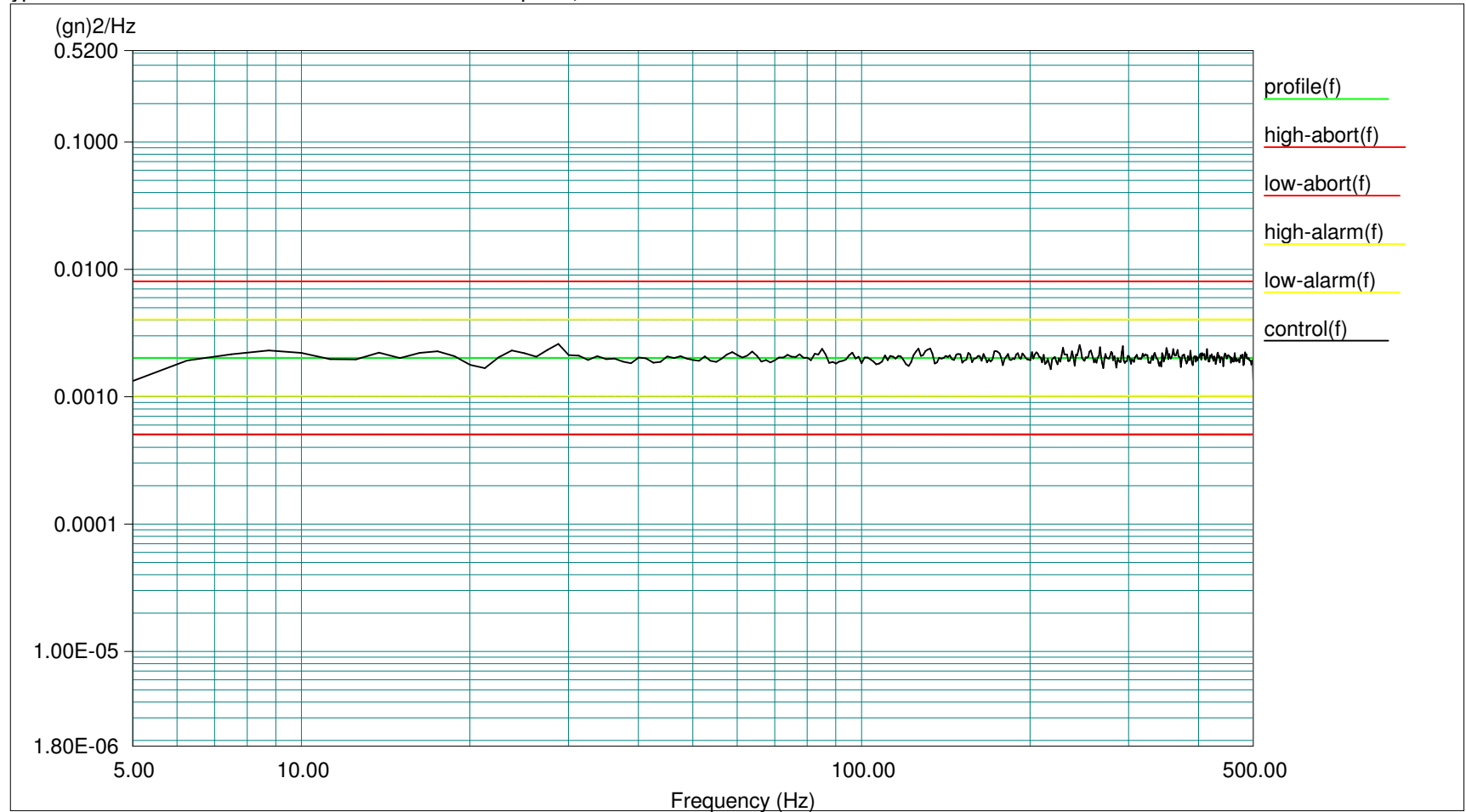


Level: 100 %

Control RMS: 1.001179 gn	Full Level Elapsed Time: 01:00:00	Lines: 400	Frame Time: 0.800000 Seconds
Demand RMS: 1.000664 gn	Remaining Time: 00:00:00	DOF: 154	dF: 1.250000 Hz

Z axis

Test Type: Random Run Folder: .\RunFolder Apr 26, 2018 13-25-35



Level: 100 %

Control RMS: 1.002569 gn Full Level Elapsed Time: 01:00:00 Lines: 400 Frame Time: 0.800000 Seconds

Demand RMS: 1.000664 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

-END-