

KING DESIGN INDUSTRIAL CO., LTD.

4F, 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 LABORATORY<http://www.kdi.tw><http://www.vibration.com.tw>E-mail: service@kdi.tw**TESTING / INSPECTION REPORT**

REPORT NO : ST-180511-1

COMPANY : TechNexion Ltd.

ADDRESS : 16F-5, No. 736, Zhongzheng Road, ZhongHe District, 23511,
New Taipei City, Taiwan

TEL : 886-2-8227-3585

FAX : 886-2-8227-3590

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



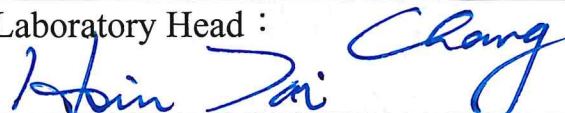
DATE OF TESTED : 2018/04/26

TEST / INSPECTION ITEMS : Shock 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 11 pages, and no part of it may be abstracted or reproduced.

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Test Engineer : 	
Approval Signatory :  2018.4.26	Laboratory Head : 

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TESTING / INSPECTION REPORT

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

TESTING / INSPECTION REPORT

TEST SPECIFICATION :

As per applicant's requirement---

Shock test (Operating)

Wave Form : Half sine wave

Acceleration : 15 g

Duration Time : 11 mS

No. of Shock : 3 (Each Axis)

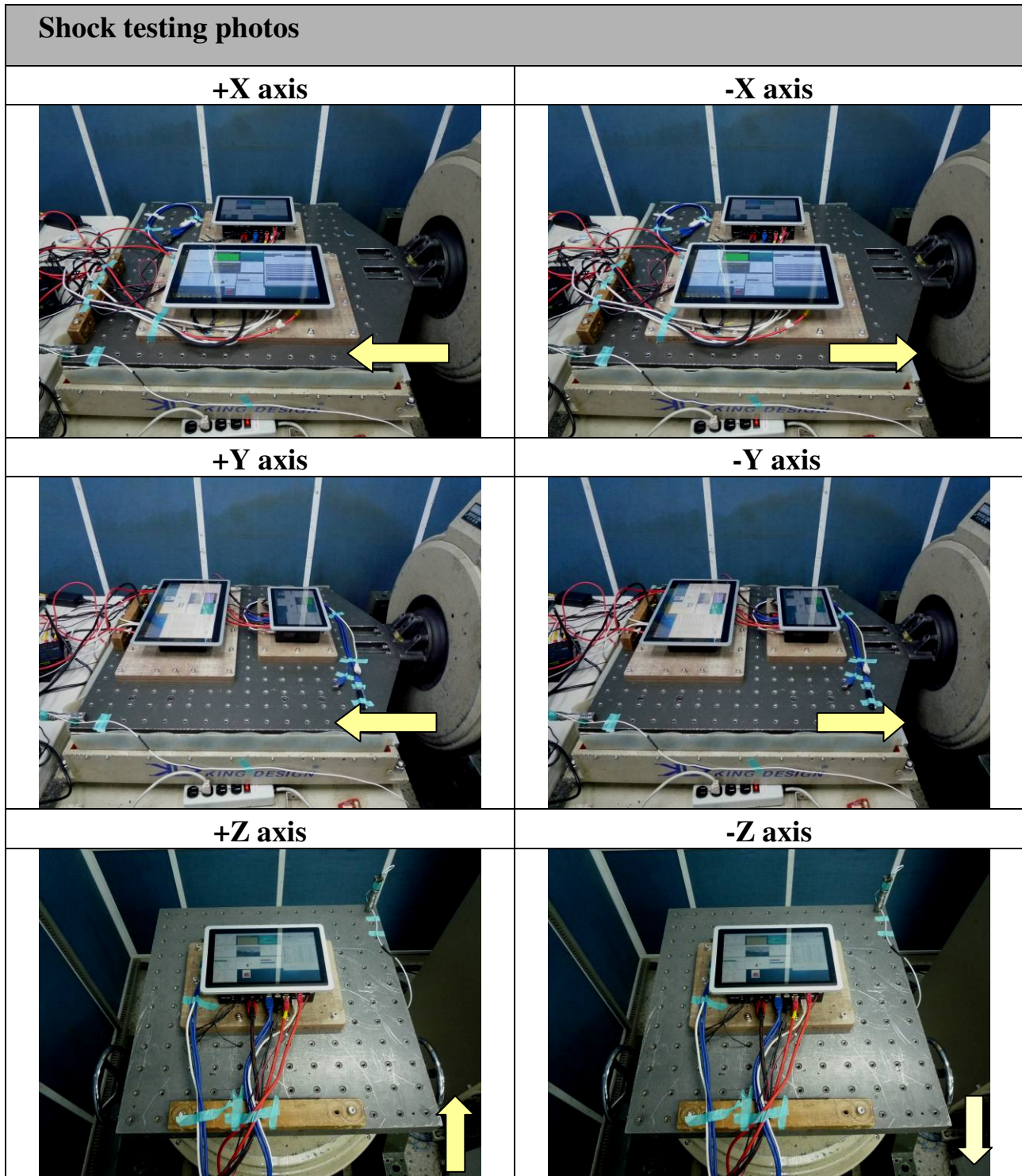
Shock Direction : $\pm X$, $\pm Y$, $\pm Z$ axis

TEST RESULT :

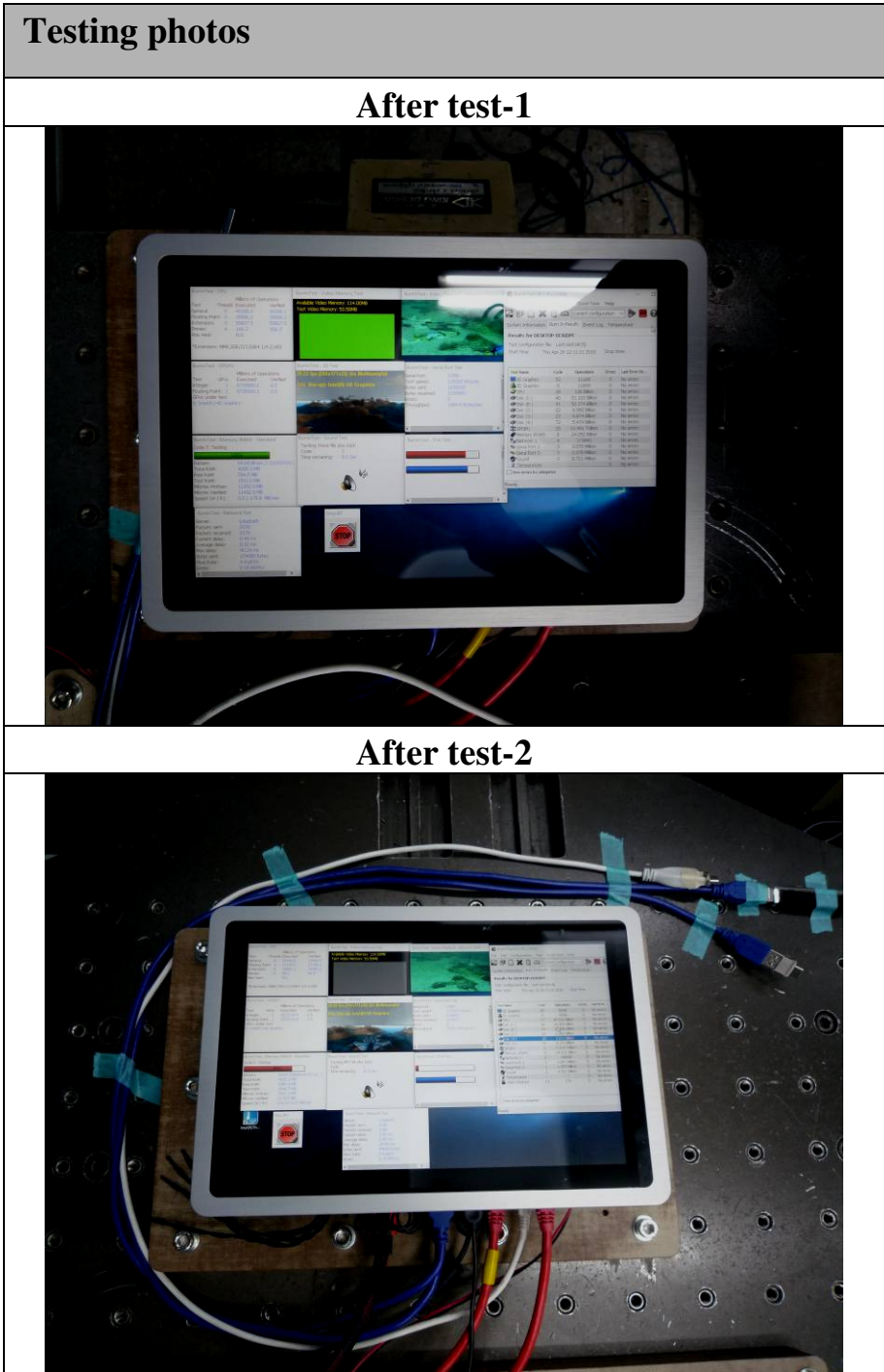
Describe	PASS	FAIL	Non-Judgment
Function judgment ⁽¹⁾	√	---	---
Appearance check ⁽²⁾	√	---	---

(1)—Booting function was normal after the test.
(2)—No visible damages were found.

TESTING / INSPECTION REPORT

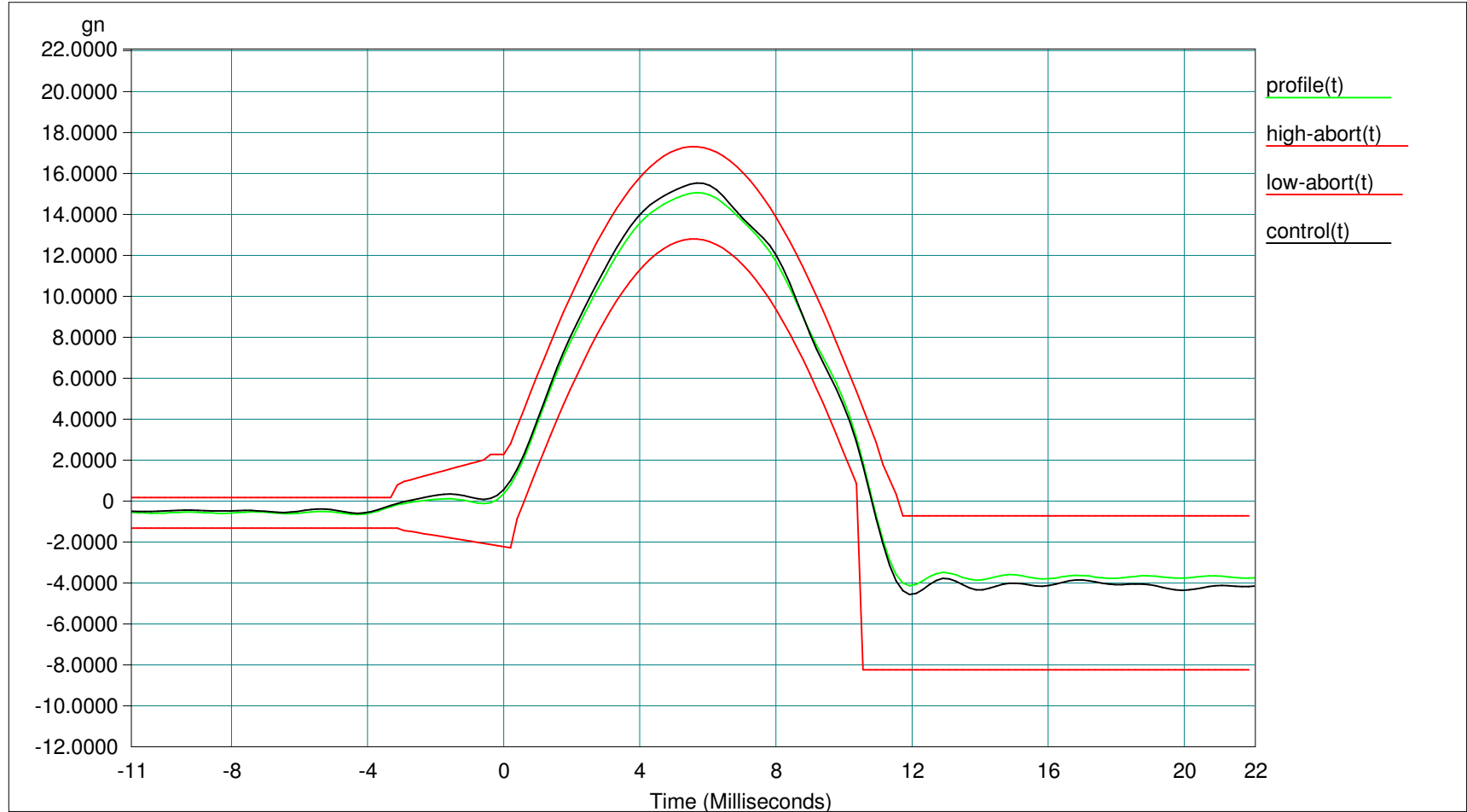


TESTING / INSPECTION REPORT



+X axis - shock test

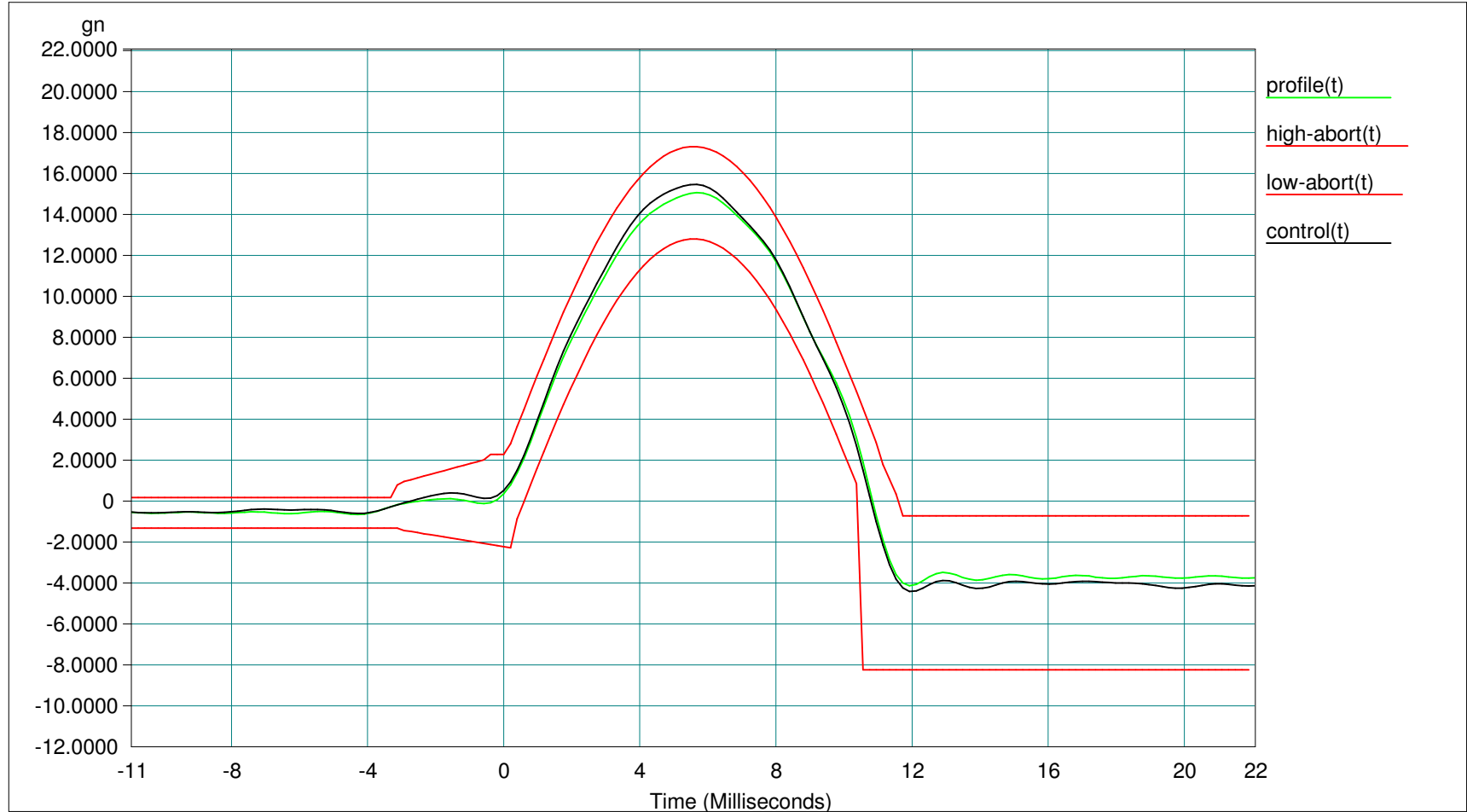
Test Name: HS 15g 11 ms[VCS (Shock)] Test Type: Classical Shock Run Folder: .\RunDefault Apr 26, 2018 12-16-20



Level: 100 % Block Size: 2048 Elapsed Pulses: 14
 Frame Time: 0.400000 Seconds Control Peak: 15.475429 Control RMS: 2.247041 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 14.999999 Demand RMS: 2.156666 Remaining Pulses: 7
 Pulse Type: Half Sine Amplitude: 14.999999 Pulse Width: 11.000000 ms

+Y axis - shock test

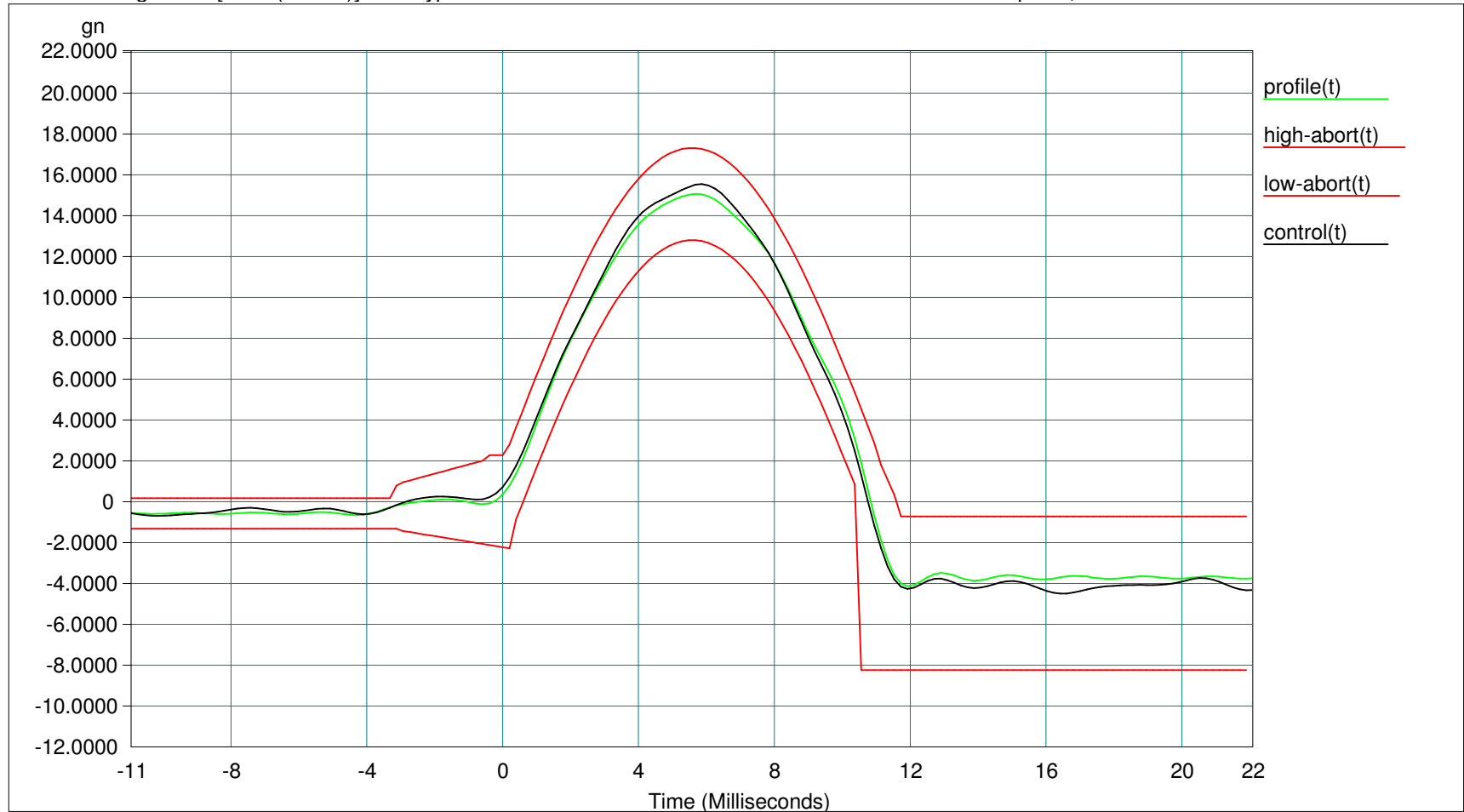
Test Name: HS 15g 11 ms[VCS (Shock)] Test Type: Classical Shock Run Folder: .\RunDefault Apr 26, 2018 10-51-46



Level: 100 % Block Size: 2048 Elapsed Pulses: 14
 Frame Time: 0.400000 Seconds Control Peak: 15.407299 Control RMS: 2.246772 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 14.999999 Demand RMS: 2.156666 Remaining Pulses: 7
 Pulse Type: Half Sine Amplitude: 14.999999 Pulse Width: 11.000000 ms

+Z axis - shock test

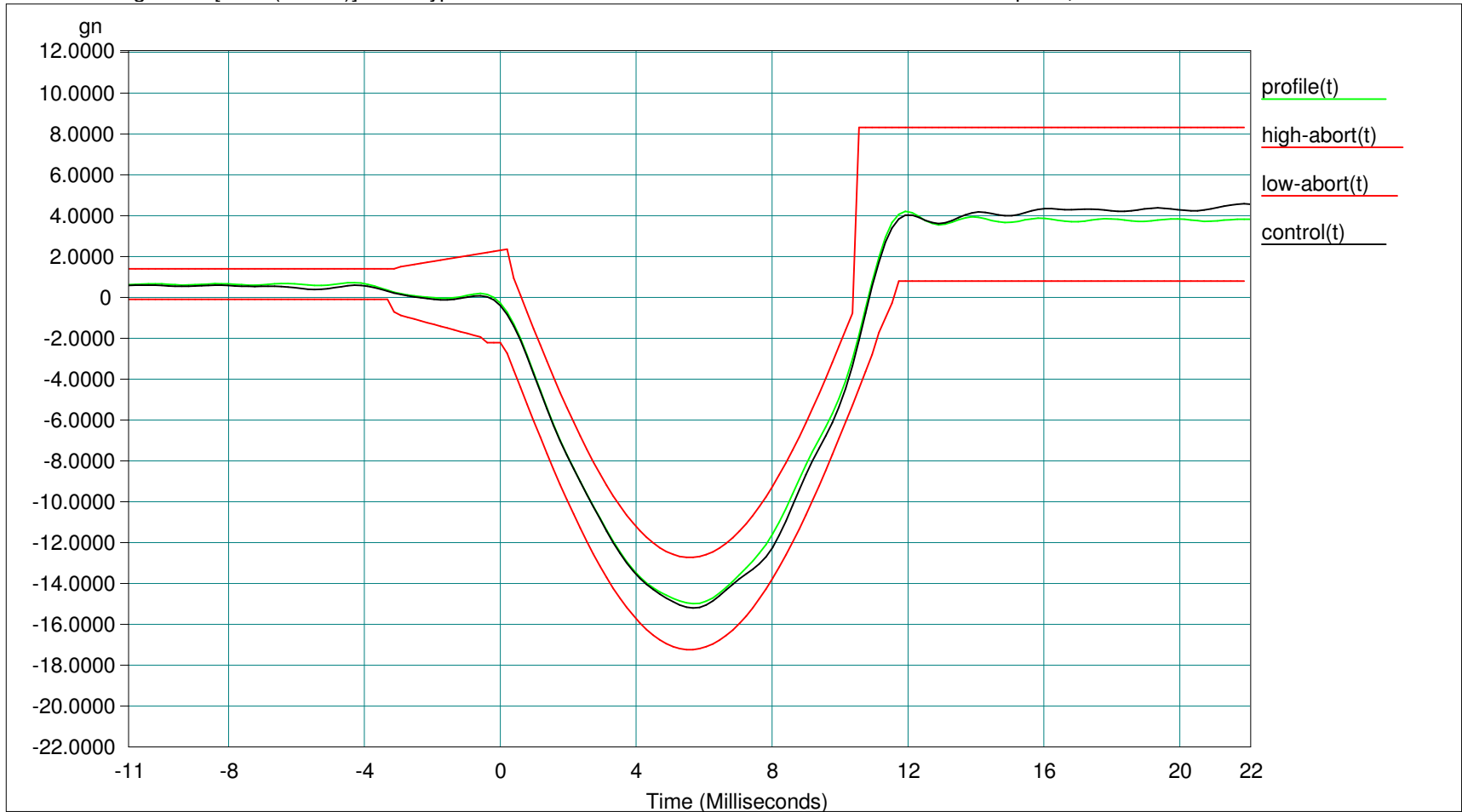
Test Name: HS 15g 11 ms[VCS (Shock)] Test Type: Classical Shock Run Folder: .\RunDefault Apr 26, 2018 14-59-53



Level: 100 % Block Size: 2048 Elapsed Pulses: 14
 Frame Time: 0.400000 Seconds Control Peak: 15.487382 Control RMS: 2.232955 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 14.999999 Demand RMS: 2.156666 Remaining Pulses: 7
 Pulse Type: Half Sine Amplitude: 14.999999 Pulse Width: 11.000000 ms

-X axis - shock test

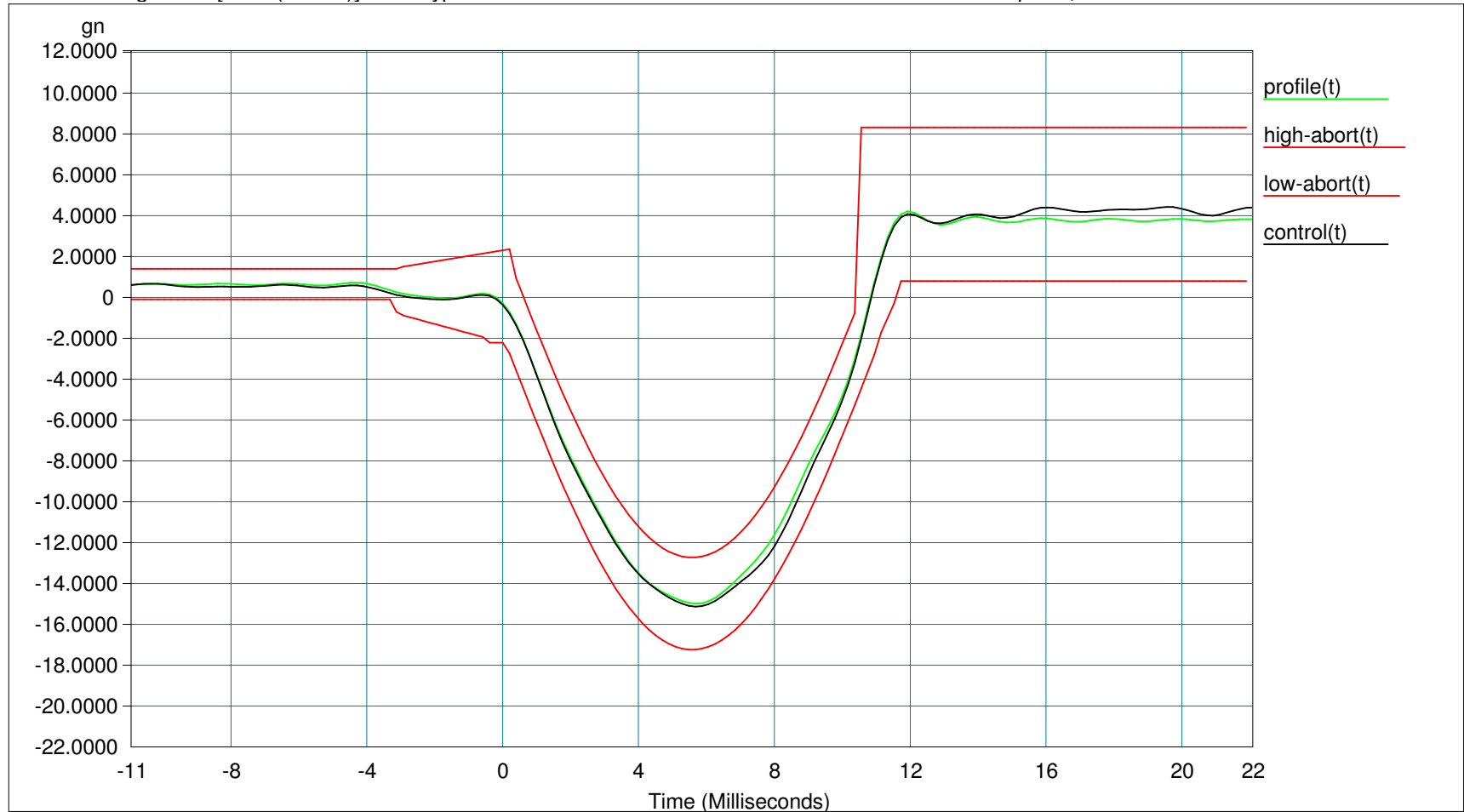
Test Name: HS 15g 11 ms[VCS (Shock)] Test Type: Classical Shock Run Folder: .\RunDefault Apr 26, 2018 12-16-20



Level: 100 % Block Size: 2048 Elapsed Pulses:21
 Frame Time: 0.400000 Seconds Control Peak: 15.218359 Control RMS: 2.237796 Full Level Elapsed Pulses: 6
 dT: 0.000195 Seconds Demand Peak: 14.999999 Demand RMS: 2.156666 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude:14.999999 Pulse Width: 11.000000 ms

-Y axis - shock test

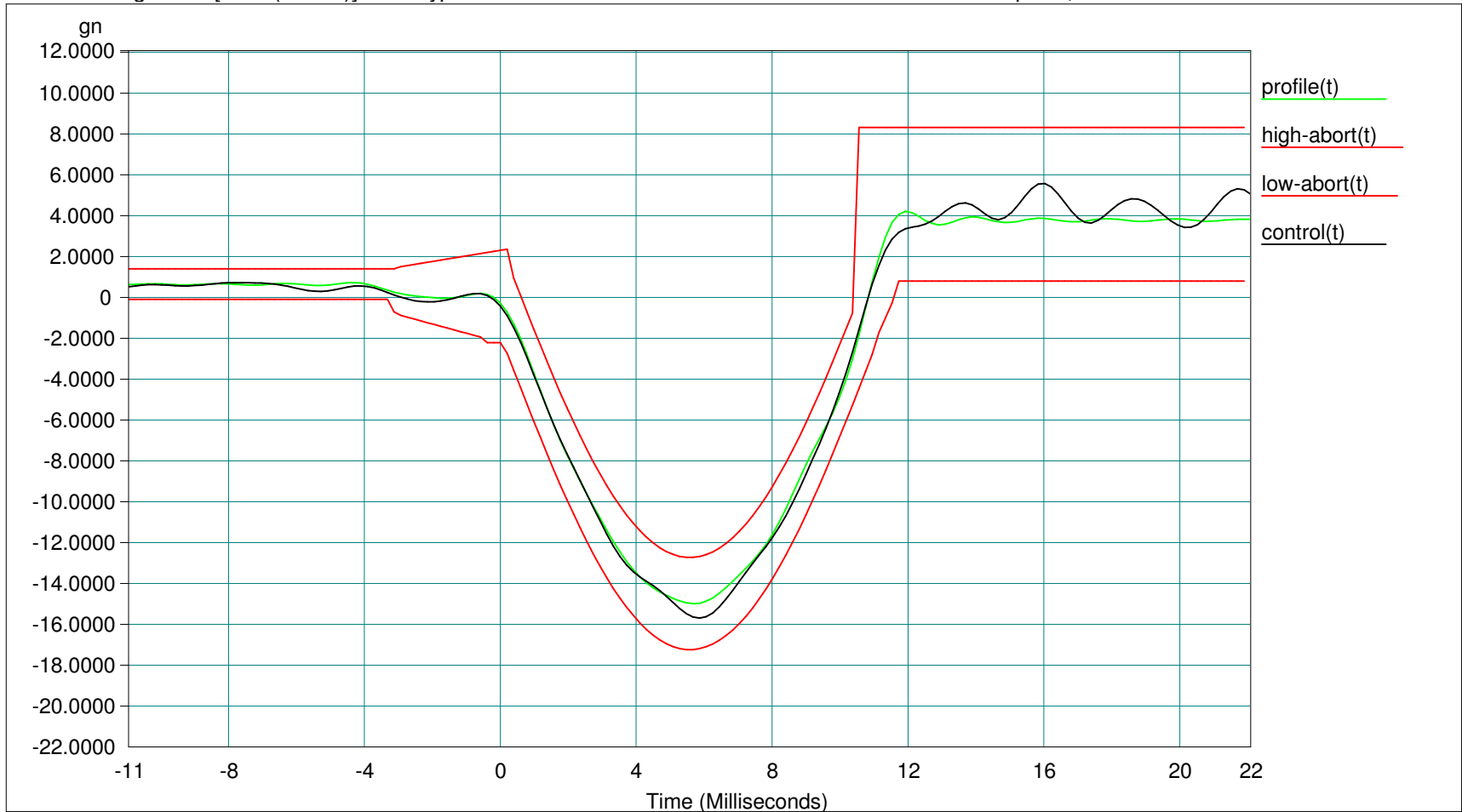
Test Name: HS 15g 11 ms[VCS (Shock)] Test Type: Classical Shock Run Folder: .\RunDefault Apr 26, 2018 10-51-46



Level: 100 % Block Size: 2048 Elapsed Pulses: 21
 Frame Time: 0.400000 Seconds Control Peak: 15.147860 Control RMS: 2.239851 Full Level Elapsed Pulses: 6
 dT: 0.000195 Seconds Demand Peak: 14.999999 Demand RMS: 2.156666 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 Pulse Width: 11.000000 ms

-Z axis - shock test

Test Name: HS 15g 11 ms[VCS (Shock)] Test Type: Classical Shock Run Folder: .\RunDefault Apr 26, 2018 14-59-53



Level: 100 % Block Size: 2048 Elapsed Pulses:21
 Frame Time: 0.400000 Seconds Control Peak: 15.710838 Control RMS: 2.236671 Full Level Elapsed Pulses: 6
 dT: 0.000195 Seconds Demand Peak: 14.999999 Demand RMS: 2.156666 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude:14.999999 Pulse Width: 11.000000 ms **END**