

KING DESIGN INDUSTRIAL CO., LTD.

VIBRATION TEST LABORATORY

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

http://www.kdi.tw
http://www.vibration.com.tw
E-mail:service@kdi.tw

TESTING / INSPECTION REPORT

REPORT NO : ST-140108-1

COMPANY : AAEON Technology Inc.
ADDRESS : 5F, No.135, Lane 235, Pao Chiao Rd.
Hsin-Tien City, Taipei, Taiwan, R. O. C.
TEL : 886-2-8919-1234
FAX : 886-2-8919-1049
SPECIMEN : AEC-6402 (With mSATA)
DATE OF RECEIVED : 2014/01/08
DATE OF TESTED : 2014/01/08

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.

Test Engineer : <i>Ze Dy</i>	
Approval Signatory : <i>2014.1.14 David Lee</i>	Laboratory Head : <i>Hsin Jui Chang</i>



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TESTING EQUIPMENT :

- | | |
|-------------------------|---|
| 1.Vibration Tester | : KING DESIGN KD-9363EM-600F2K-50N120,
S/N : KDS11054783 |
| 2.Controller | : DACTRON COMET USB, S/N : 9478158 |
| 3.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 | : AEC-6402 (With mSATA) |
| Quantity | : 1 unit |

TEST SPECIFICATION :

As per applicant's requirement

- | | |
|------------------------|---------------------|
| Shock test (Operating) | |
| Wave Form | : Half Sine wave |
| Acceleration | : 20 g |
| Duration Time | : 11 mS |
| No. of Shock | : Each axis 3 times |
| Shock Direction | : ±X, ±Y, ±Z axis |

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.			

TESTING / INSPECTION REPORT

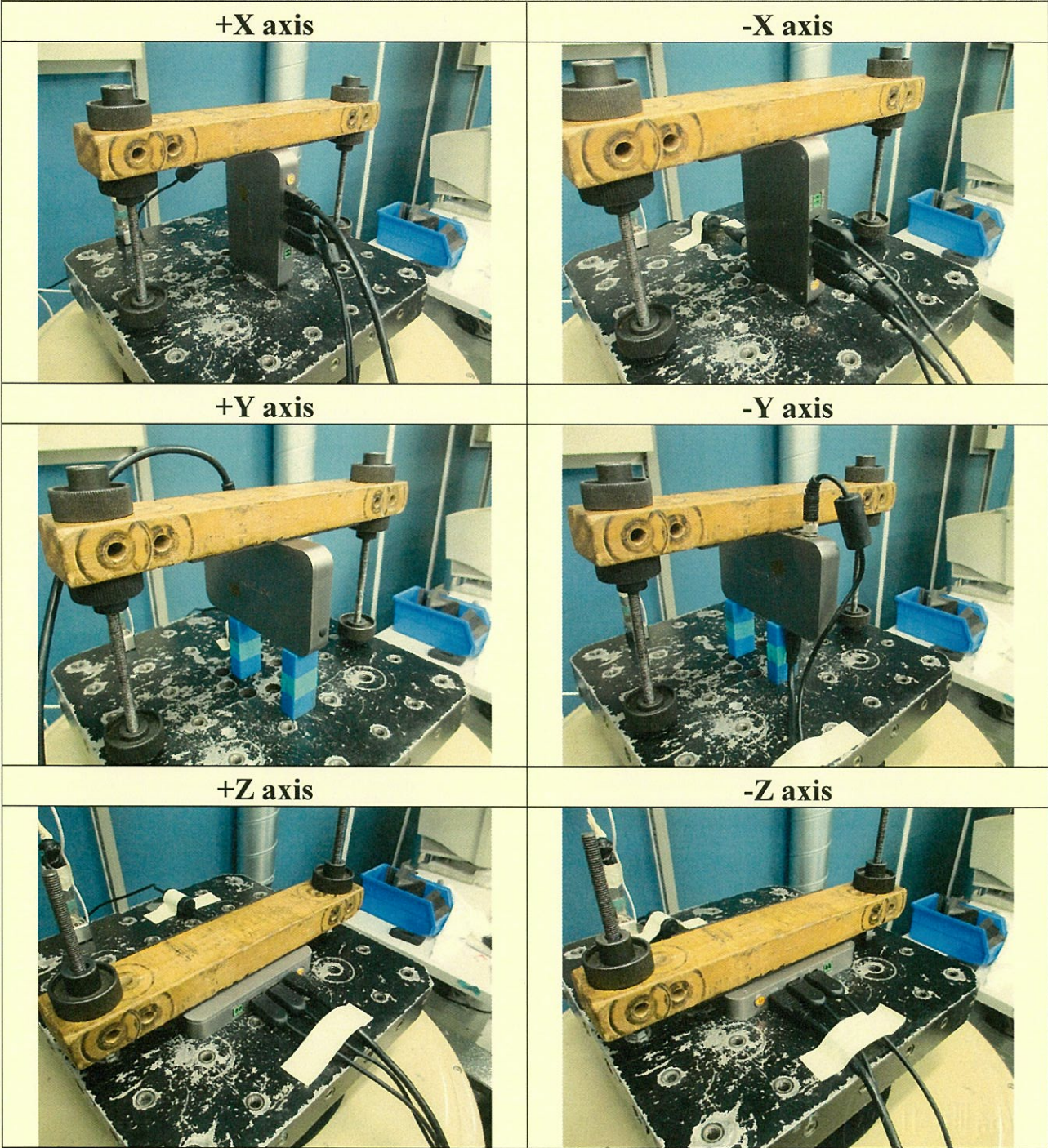
Testing photos

Tester



TESTING / INSPECTION REPORT

Testing photos



TESTING / INSPECTION REPORT

Testing photos

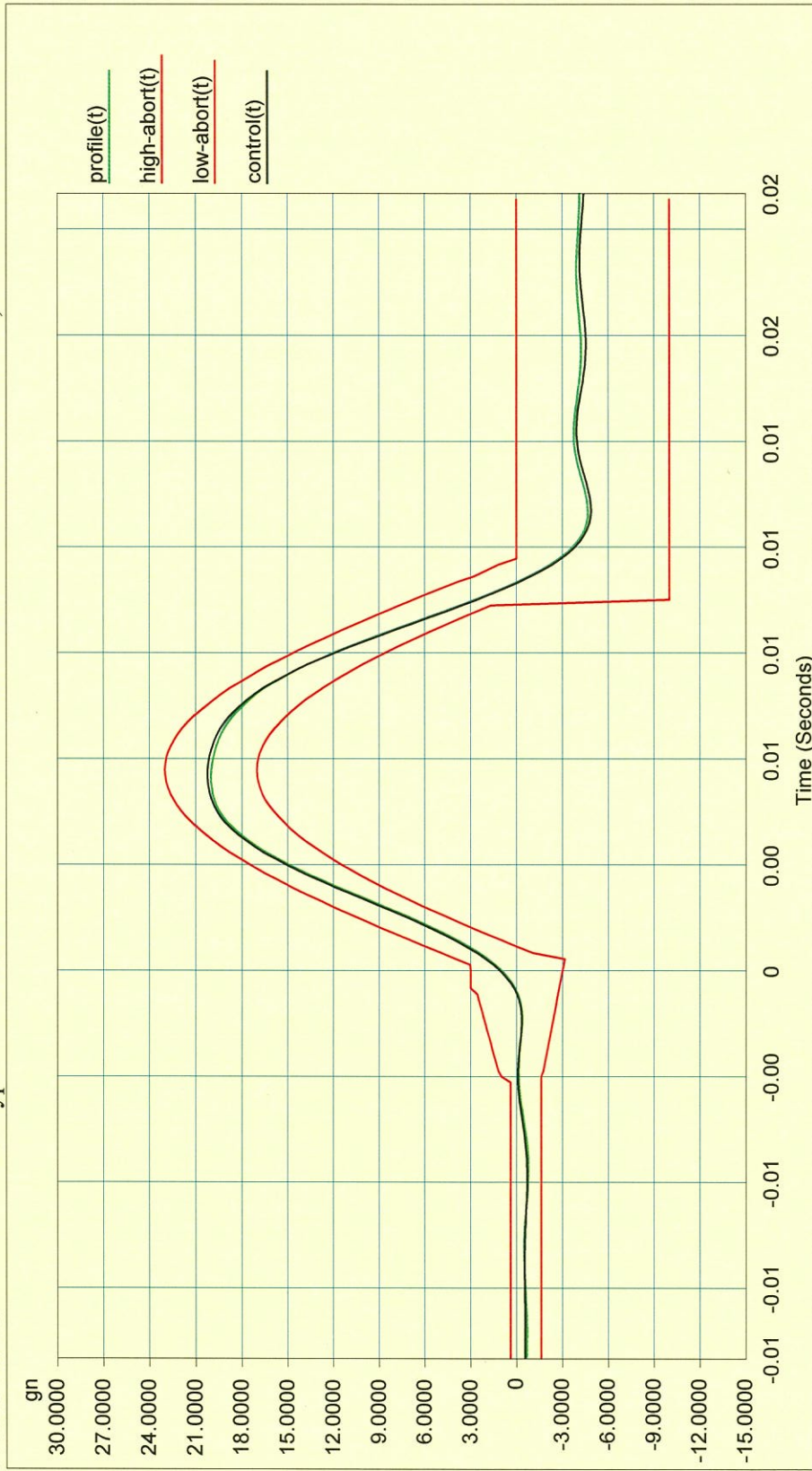
After test



+X axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: \RunDefault Jan 08, 2014 15-44-51

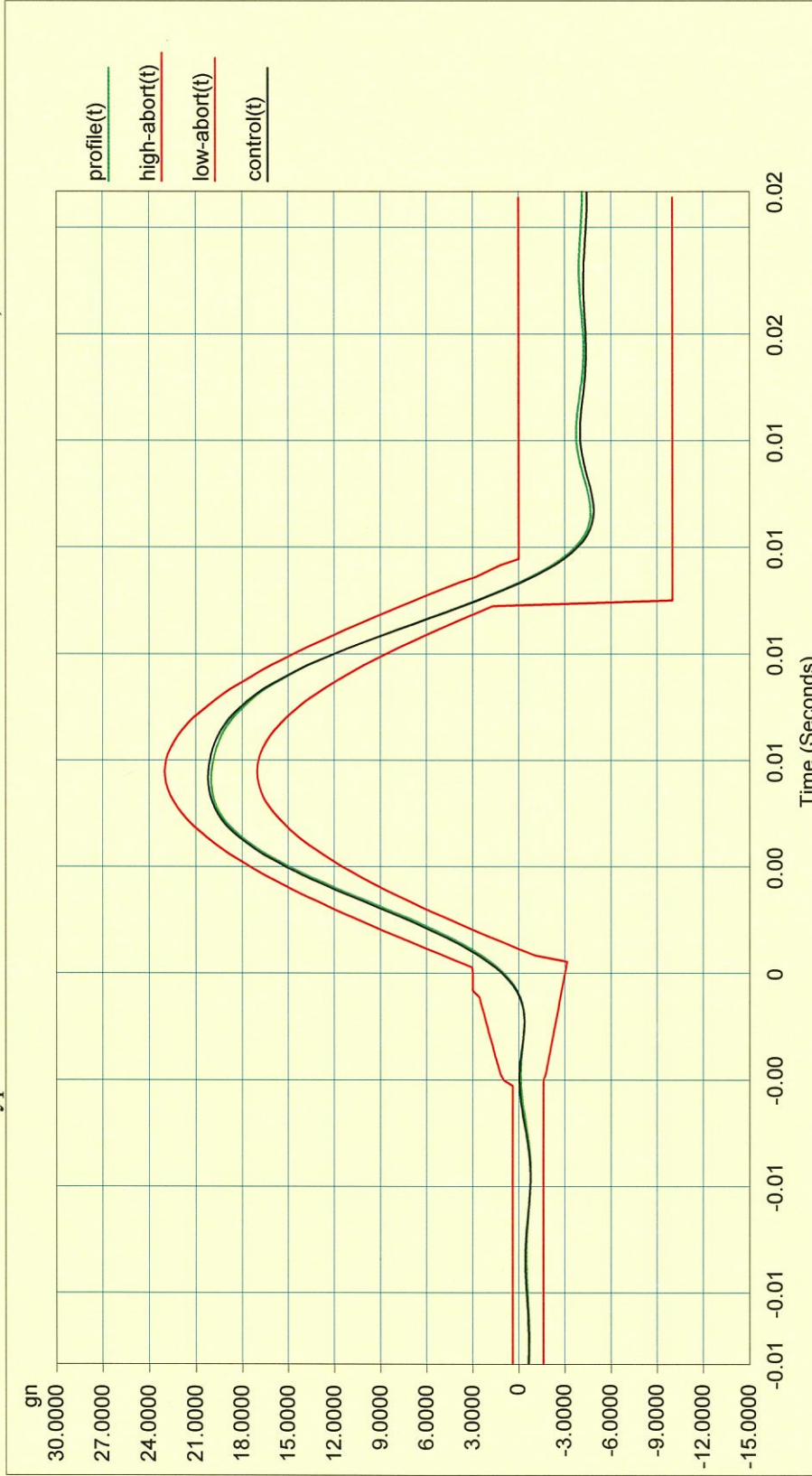


Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.251705 Control RMS: 2.206129 Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.165798 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

-X axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Jan 08, 2014 15-46-49



Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.218830 Control RMS: 2.206089 Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.165798 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

+Y axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Jan 08, 2014 15-49-45

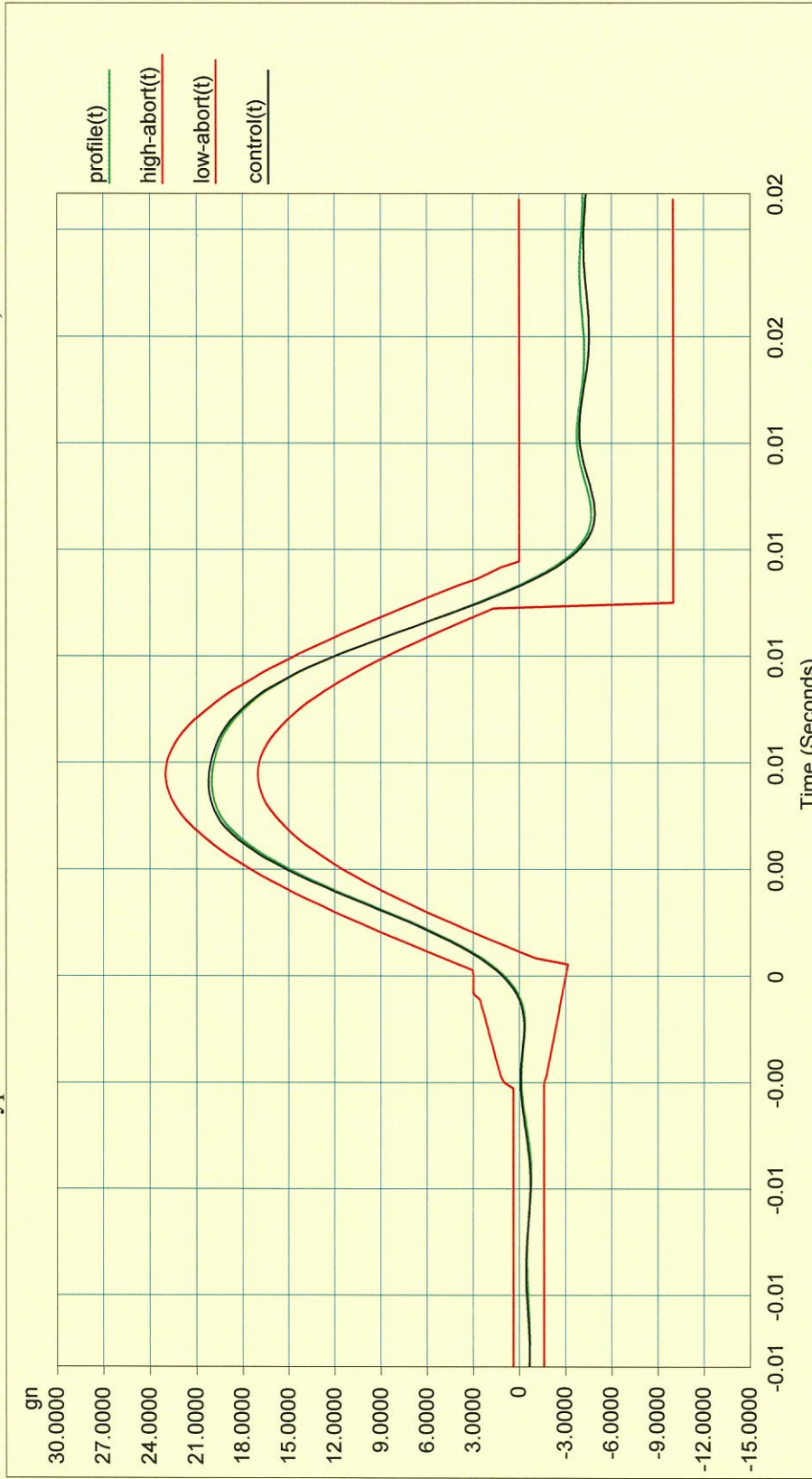


Level: 100 % Block Size: 4096 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.682667 Seconds Control Peak: 20.305336 Control RMS: 2.205130 Remaining Pulses: 0
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.165798
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

-Y axis

Project File Name: 20g 11mS.prj

Profile Name: Classical Shock Run Folder: .\RunDefault Jan 08, 2014 15-51-52

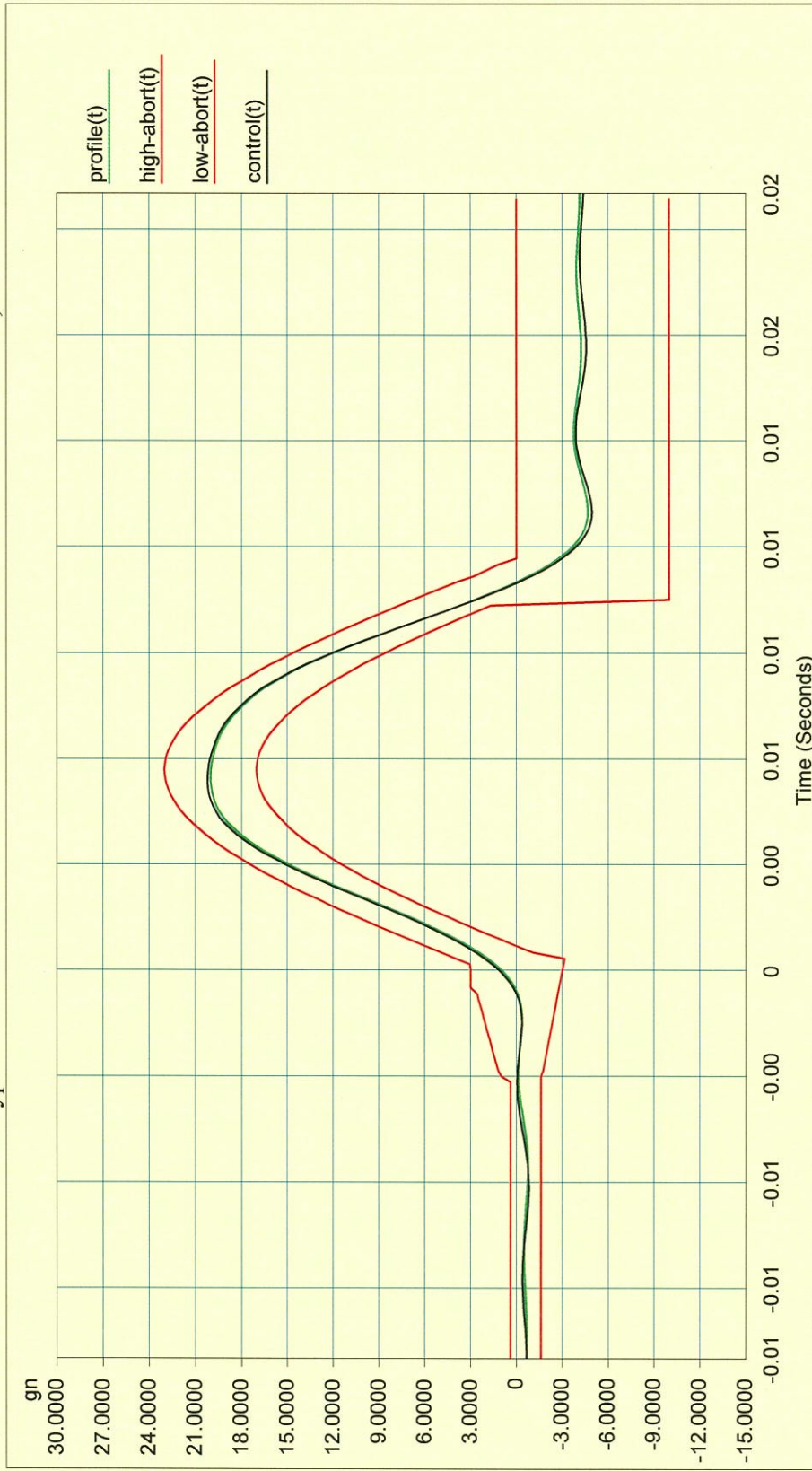


Level: 100 % Block Size: 4096 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.682667 Seconds Control Peak: 20.230057 Control RMS: 2.206917 Remaining Pulses: 0
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.165798
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

+Z axis

Project File Name: 20g 11mS.prj

Profile Name: Classical Shock Run Folder: .\RunDefault Jan 08, 2014 15-39-47

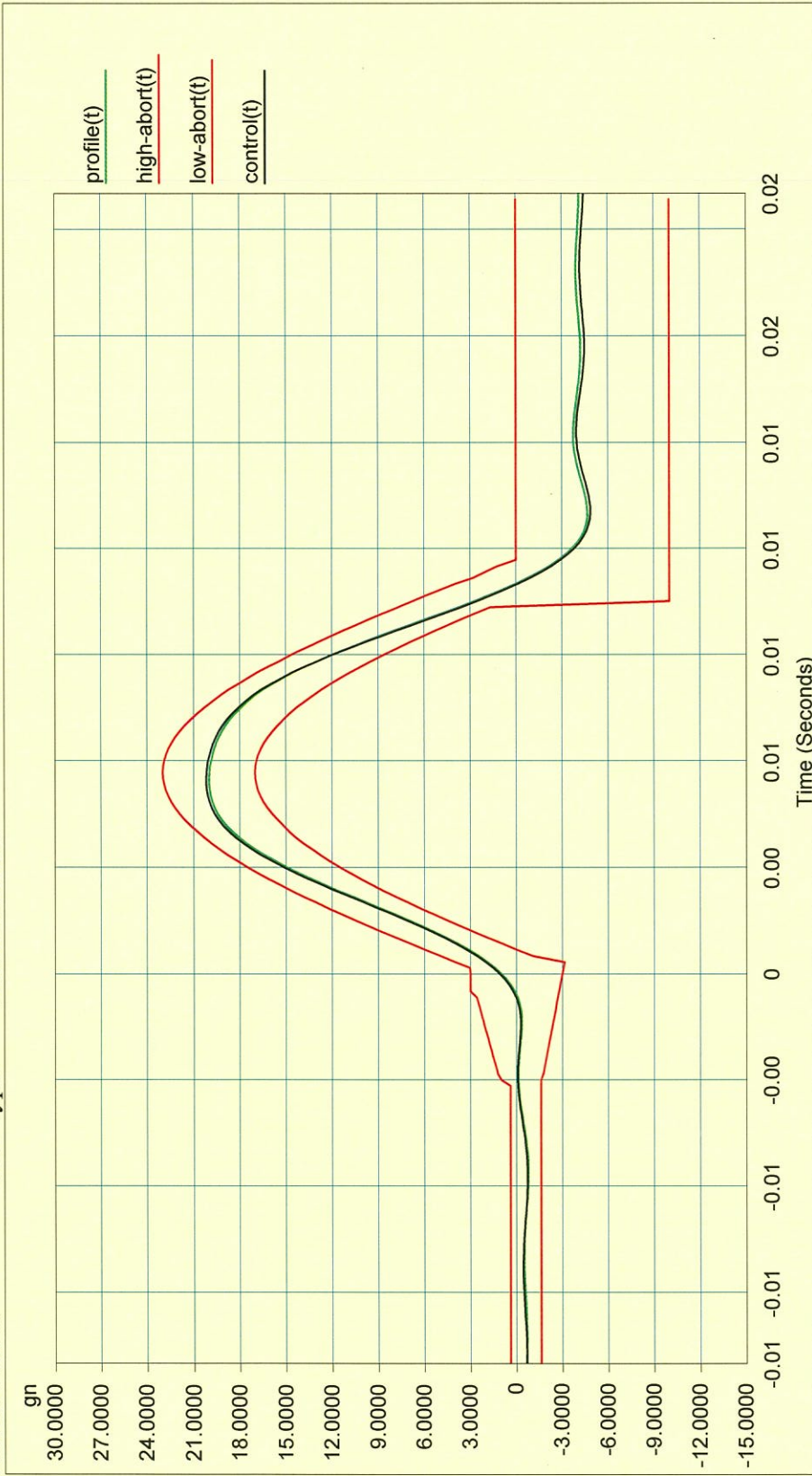


Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.214981 Control RMS: 2.207215 Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.165798 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

-Z axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .RunDefault Jan 08, 2014 15-42-10



Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.212725 Control RMS: 2.206290 Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.165798 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms
 -END-