

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-131121-2

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-6646B (With 2.5" SATA HDD)
DATE OF RECEIVED : 2013/11/21
DATE OF TESTED : 2013/11/21

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.

金頓科

Test Engineer :

Te Peng

Approval Signatory :

2013.11.26 David Lee

Laboratory Head :

Hsin Zai Chang



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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.Accelerometer | : Wilcoxon Research WR-777, S/N : 4208 |

TEST ENVIRONMENT :

- | | |
|-------------------|----------------------|
| Temperature | : 26°C (25±10°C) |
| Relative Humidity | : 65 %RH (50±25% RH) |

SPECIMEN :

- | | |
|----------|----------------------------------|
| Model | : AEC-6646B (With 2.5" SATA HDD) |
| Quantity | : 1 unit |

TEST SPECIFICATION(2) :

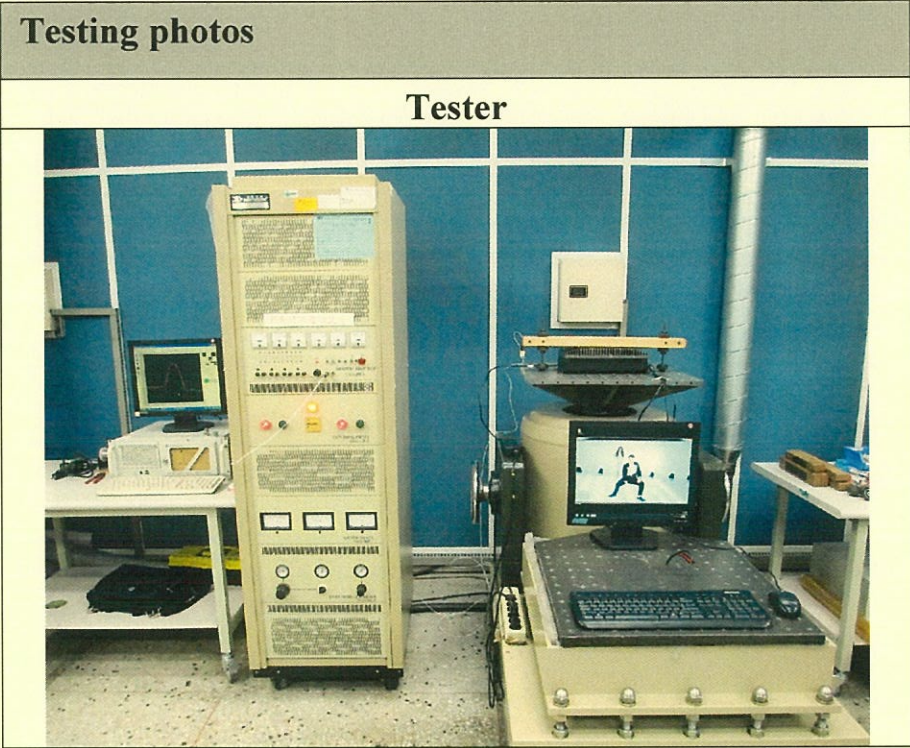
As per applicant's requirement

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

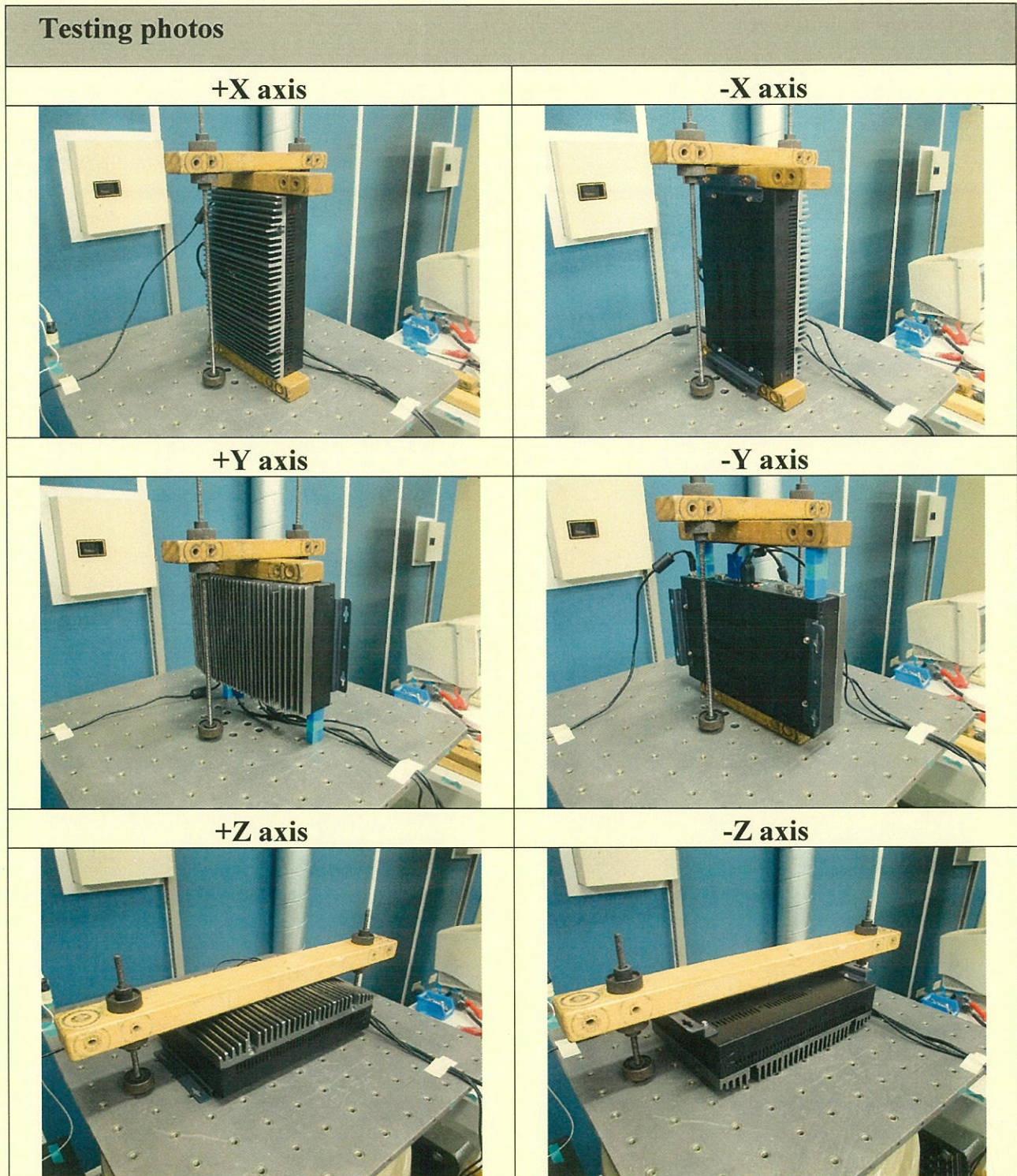
TEST RESULT :

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 / INSPECTION REPORT



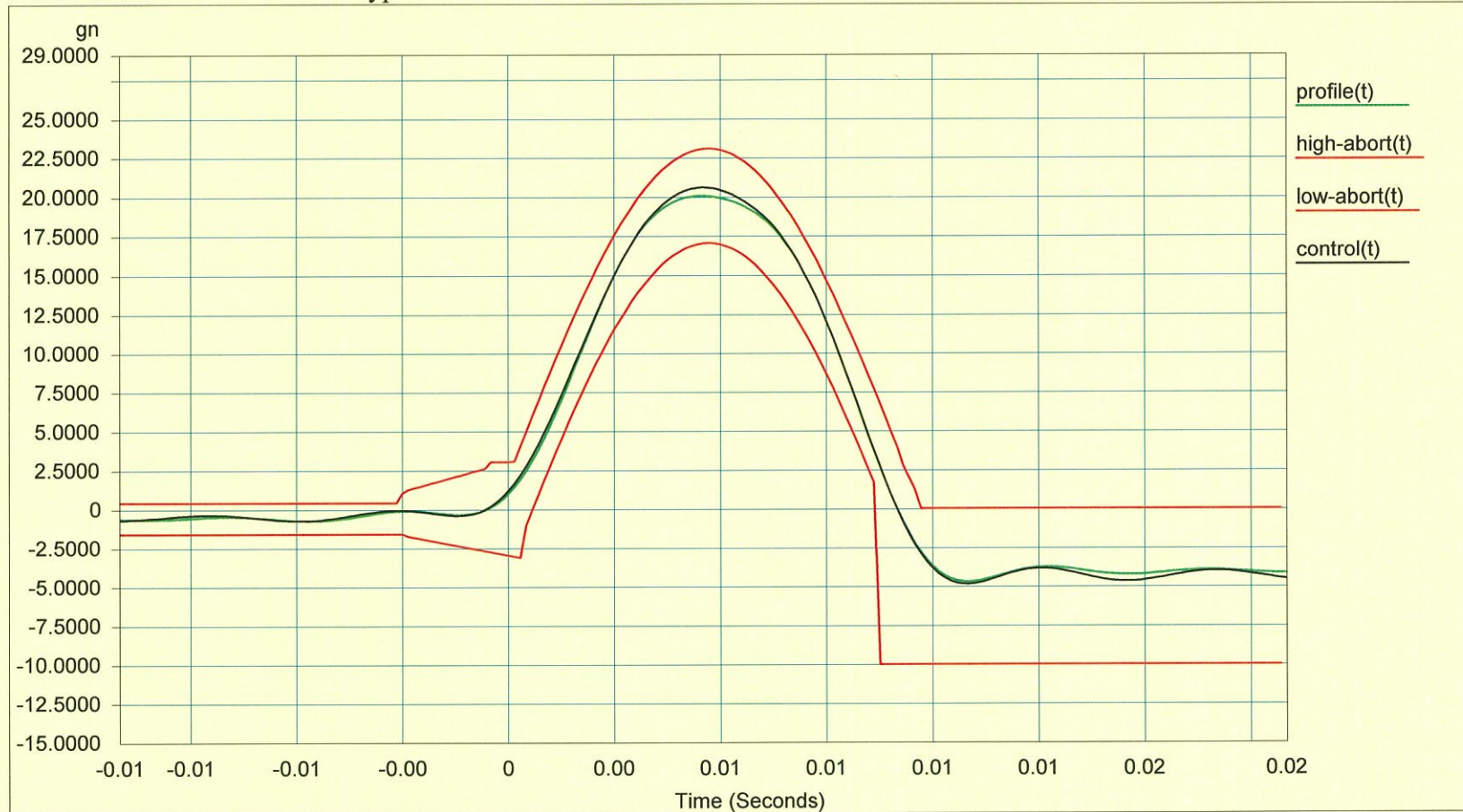
TESTING / INSPECTION REPORT



+X axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .RunDefault Nov 21, 2013 12-02-03

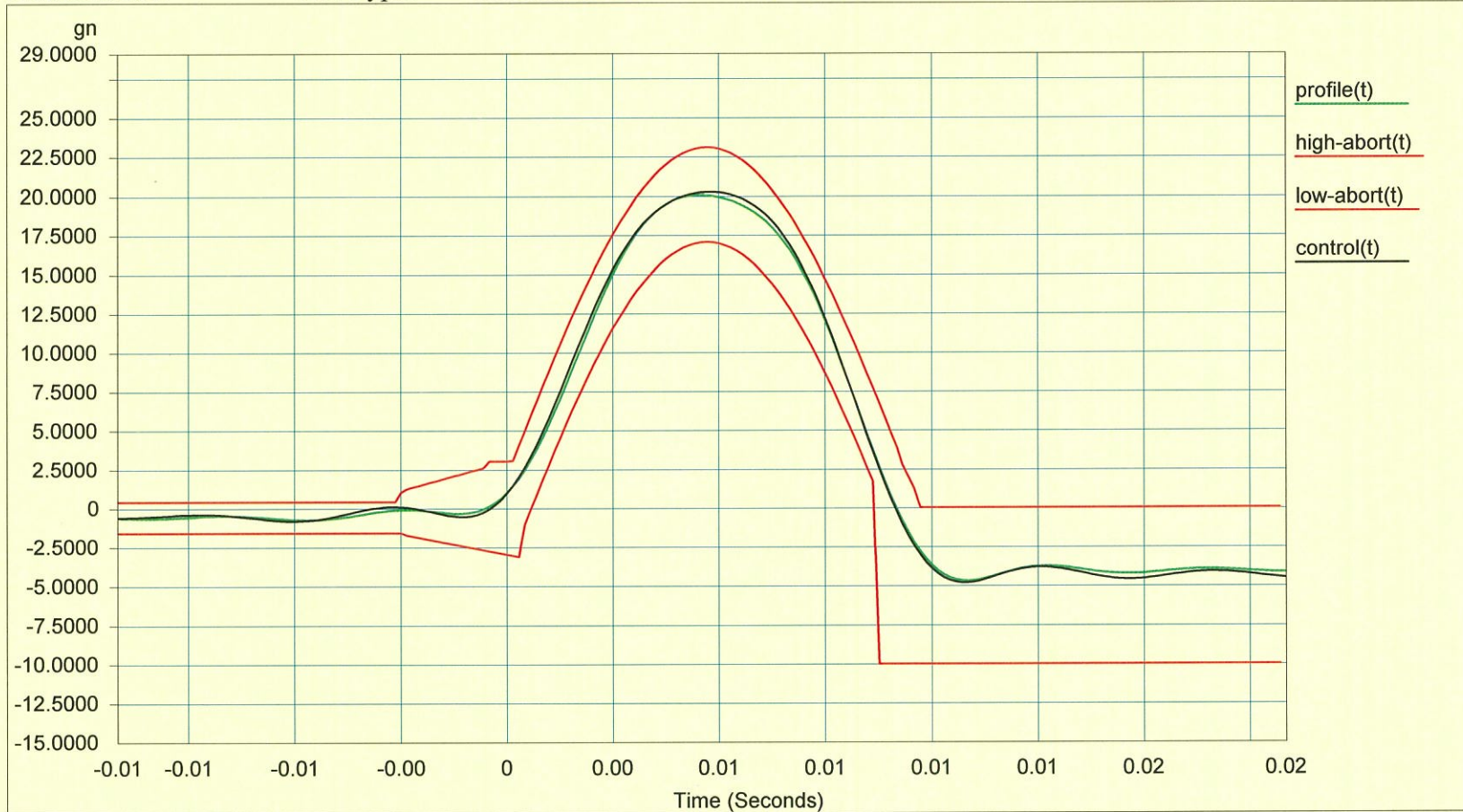


Level:	100 %	Block Size:	4096	Elapsed Pulses:	12	
Frame Time:	0.682667 Seconds	Control Peak:	20.502718	Control RMS:	2.215400	Full Level Elapsed Pulses: 3
dT:	0.000167 Seconds	Demand Peak:	20.000000	Demand RMS:	2.165798	Remaining Pulses: 0
Pulse Type:	Half Sine	Amplitude:	20.000000	Pulse Width:	11.000000 ms	

-X axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .RunDefault Nov 21, 2013 13-04-55

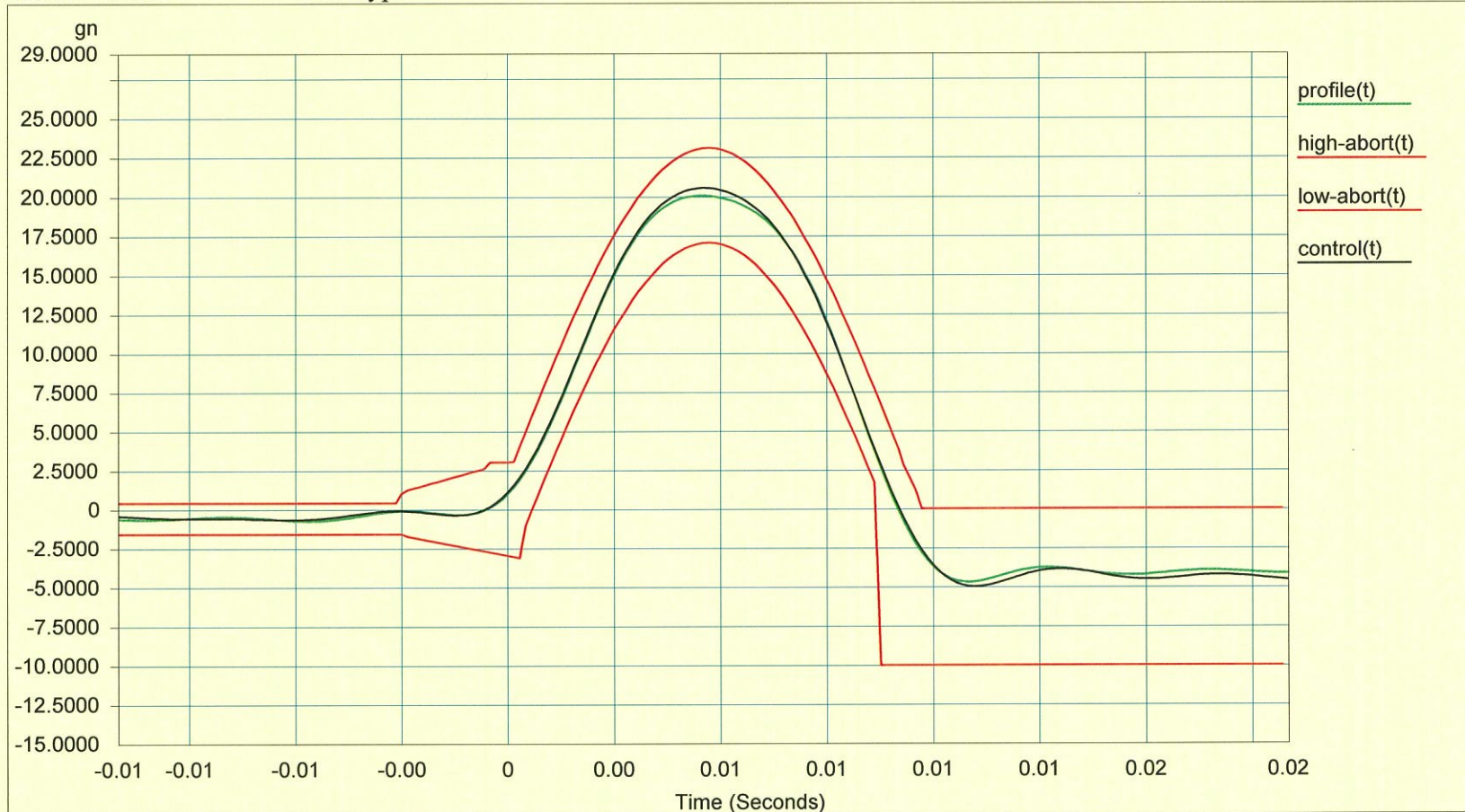


Level: 100 %	Block Size: 4096	Elapsed Pulses: 12	
Frame Time: 0.682667 Seconds	Control Peak: 20.195927	Control RMS: 2.217596	Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds	Demand Peak: 20.000000	Demand RMS: 2.165798	Remaining Pulses: 0
Pulse Type: Half Sine	Amplitude: 20.000000	Pulse Width: 11.000000 ms	

+Y axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .RunDefault Nov 21, 2013 13-15-11

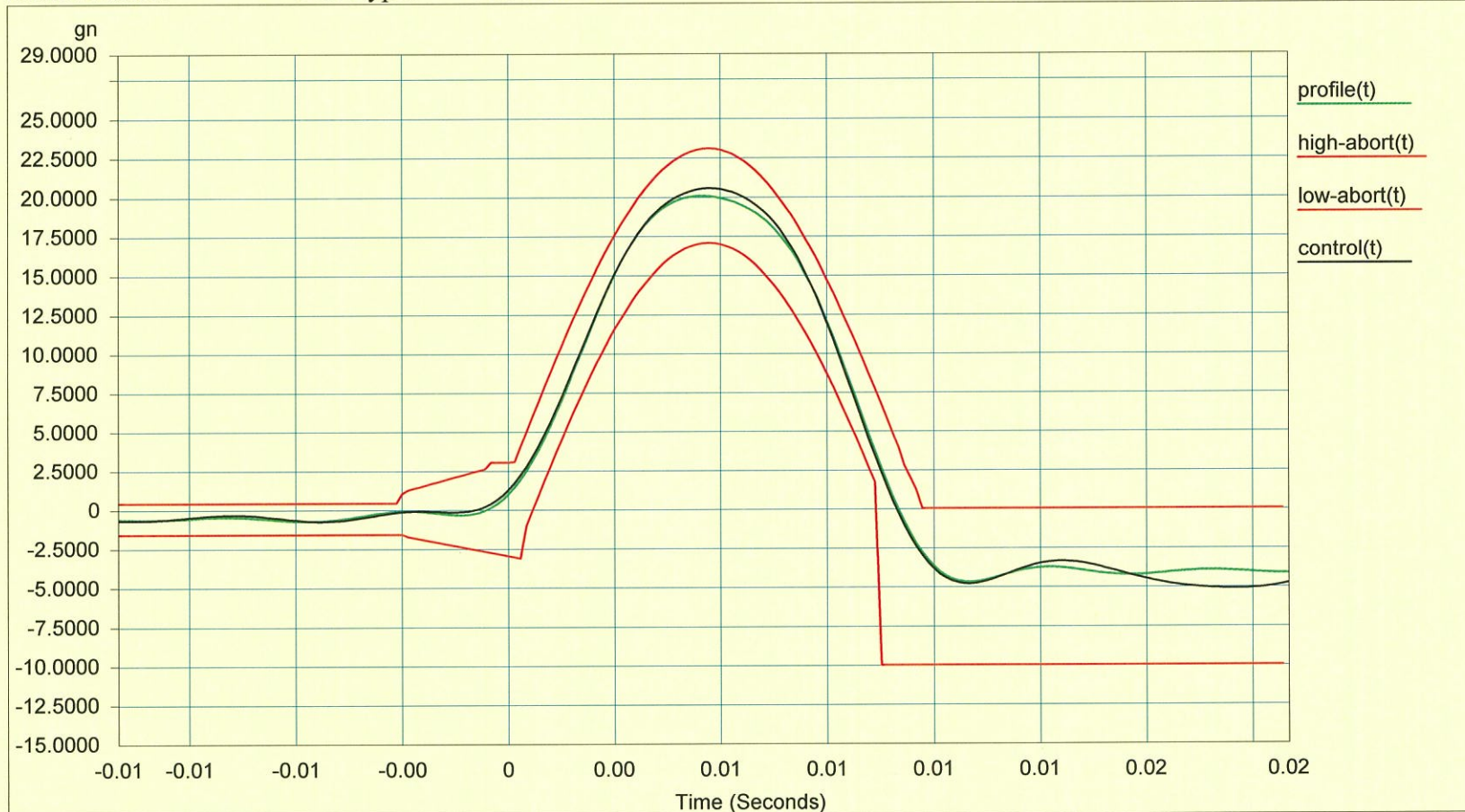


Level: 100 %	Block Size: 4096	Elapsed Pulses: 12	
Frame Time: 0.682667 Seconds	Control Peak: 20.471947	Control RMS: 2.214242	Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds	Demand Peak: 20.000000	Demand RMS: 2.165798	Remaining Pulses: 0
Pulse Type: Half Sine	Amplitude: 20.000000	Pulse Width: 11.000000 ms	

-Y axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .RunDefault Nov 21, 2013 13-17-25

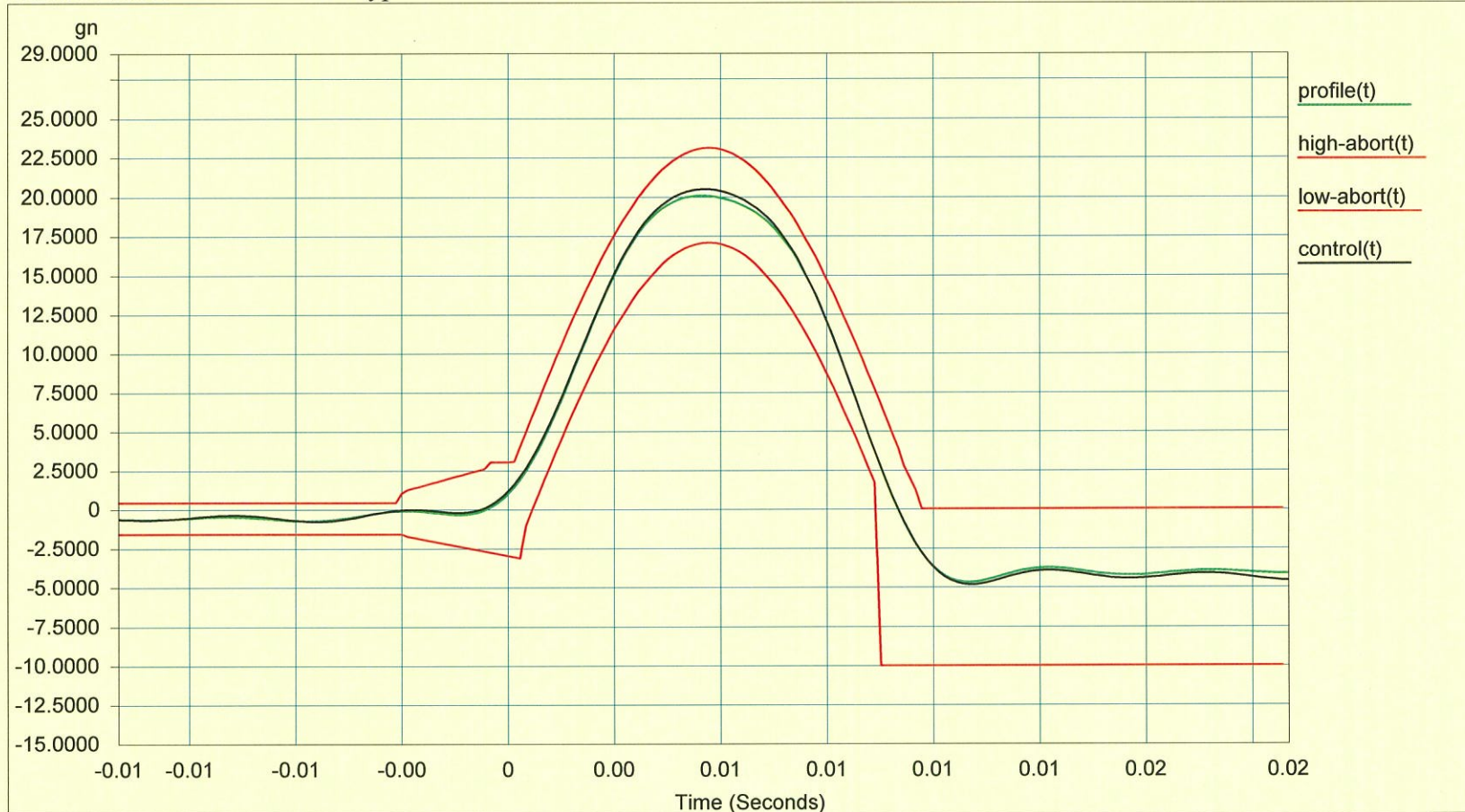


Level:	100 %	Block Size:	4096	Elapsed Pulses:	12	
Frame Time:	0.682667 Seconds	Control Peak:	20.451303	Control RMS:	2.211131	Full Level Elapsed Pulses: 3
dT:	0.000167 Seconds	Demand Peak:	20.000000	Demand RMS:	2.165798	Remaining Pulses: 0
Pulse Type:	Half Sine	Amplitude:	20.000000	Pulse Width:	11.000000 ms	

+Z axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .RunDefault Nov 21, 2013 11-50-41

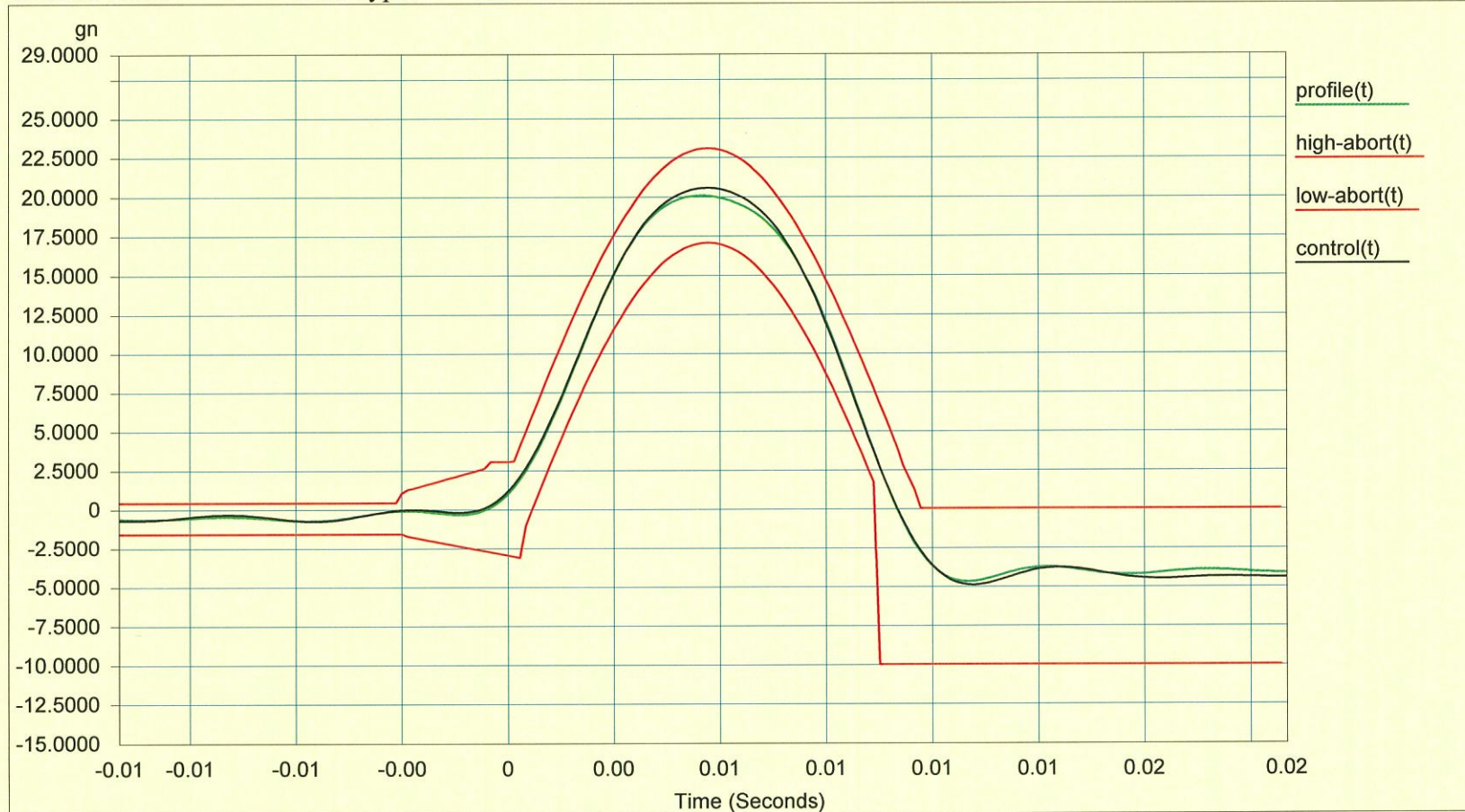


Level: 100 %	Block Size: 4096	Elapsed Pulses: 12	
Frame Time: 0.682667 Seconds	Control Peak: 20.396029	Control RMS: 2.213871	Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds	Demand Peak: 20.000000	Demand RMS: 2.165798	Remaining Pulses: 0
Pulse Type: Half Sine	Amplitude: 20.000000	Pulse Width: 11.000000 ms	

-Z axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Nov 21, 2013 11-53-26



Level: 100 % Block Size: 4096 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.682667 Seconds Control Peak: 20.464247 Control RMS: 2.212237 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
 -END-