

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

REPORT NO : ST-130909-3

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 : DSS-TN40 (with 2.5" HDD\*1)  
DATE OF RECEIVED : 2013/09/09  
DATE OF TESTED : 2013/09/09

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 :

*Ze Pay*

Approval Signatory :

*2013.9.11 David Lee*

Laboratory Head :

*Hsin Tai Chang*

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## TESTING / INSPECTION REPORT

### TESTING EQUIPMENT :

- |                         |   |
|-------------------------|---|
| 1.Vibration Tester      | : KING DESIGN KD-9363EM-600F2K-50N120,<br>S/N : KDS11054986 |
| 2.Controller            | : DACTRON Front-End Box, S/N : 4529465                      |
| 3.Control Accelerometer | : Wilcoxon Research WR-777, S/N : 4207                      |

### TEST ENVIRONMENT :

- |                   |                      |
|-------------------|----------------------|
| Temperature       | : 27°C (25±10°C)     |
| Relative Humidity | : 65 %RH (50±25% RH) |

### SPECIMEN :

- |          |                              |
|----------|------------------------------|
| Model    | : DSS-TN40 (with 2.5" HDD*1) |
| Quantity | : 1 unit                     |

### TEST SPECIFICATION :

#### *As per applicant's requirement*

- |                 |                              |
|-----------------|------------------------------|
| Wave Form       | : Half Sine wave (Operating) |
| Acceleration    | : 15 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 <sup>(1)</sup>	√	---	---
Appearance check <sup>(2)</sup>	√	---	---
(1)—Booting function was normal after the test. (2)—No visible damages were found.			

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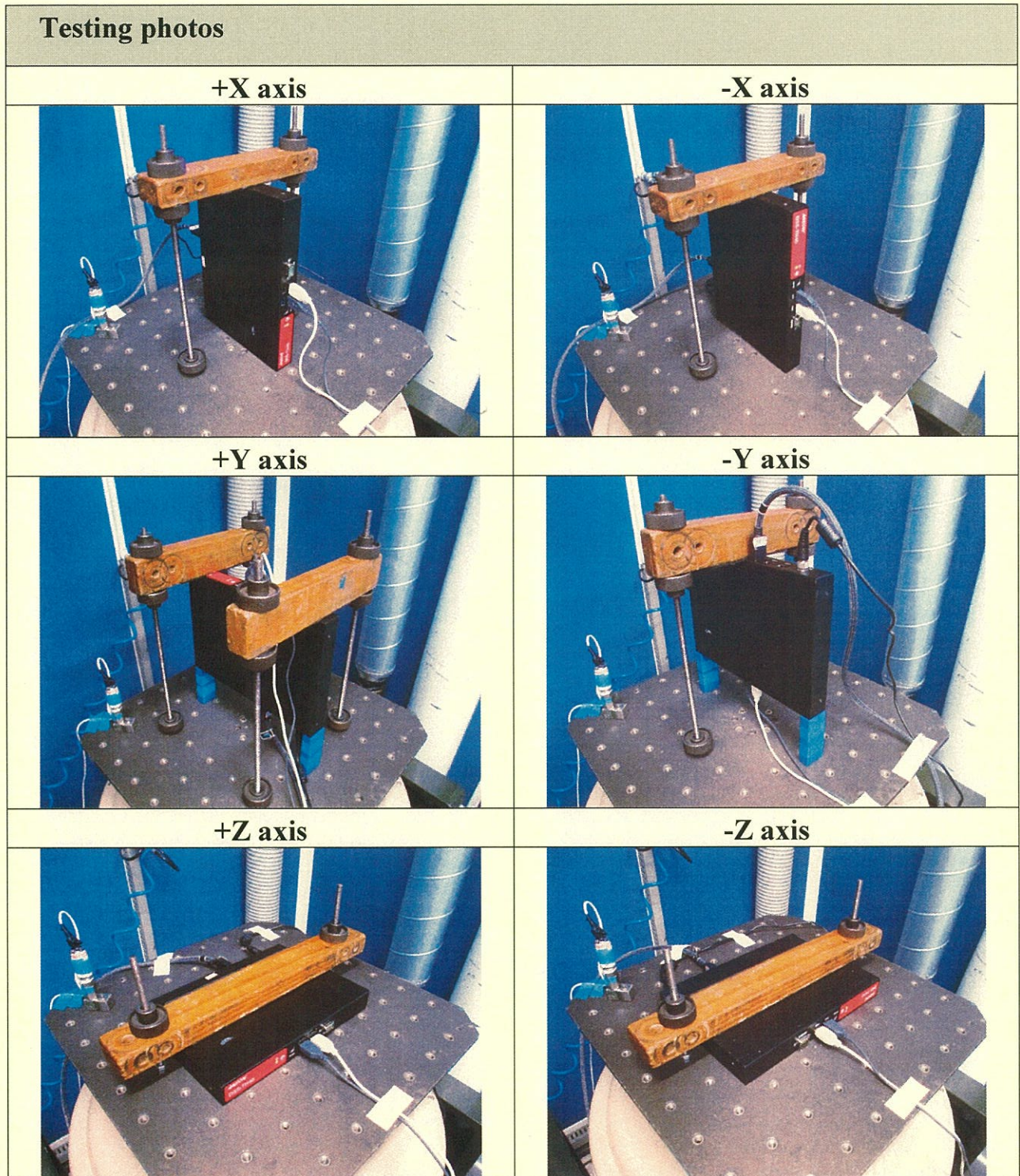
## TESTING / INSPECTION REPORT

### Testing photos

#### Tester



## TESTING / INSPECTION REPORT



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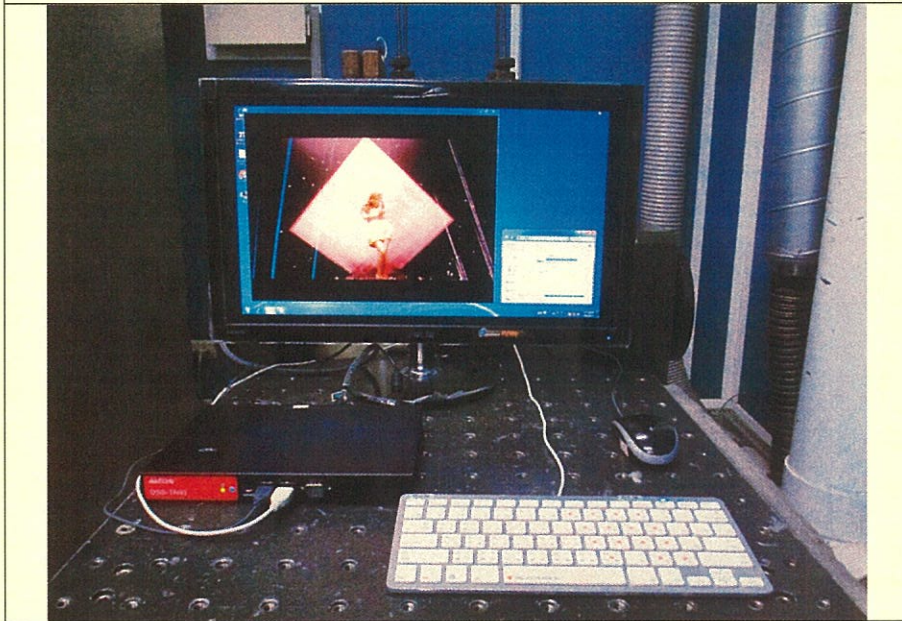
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## TESTING / INSPECTION REPORT

### Testing photos

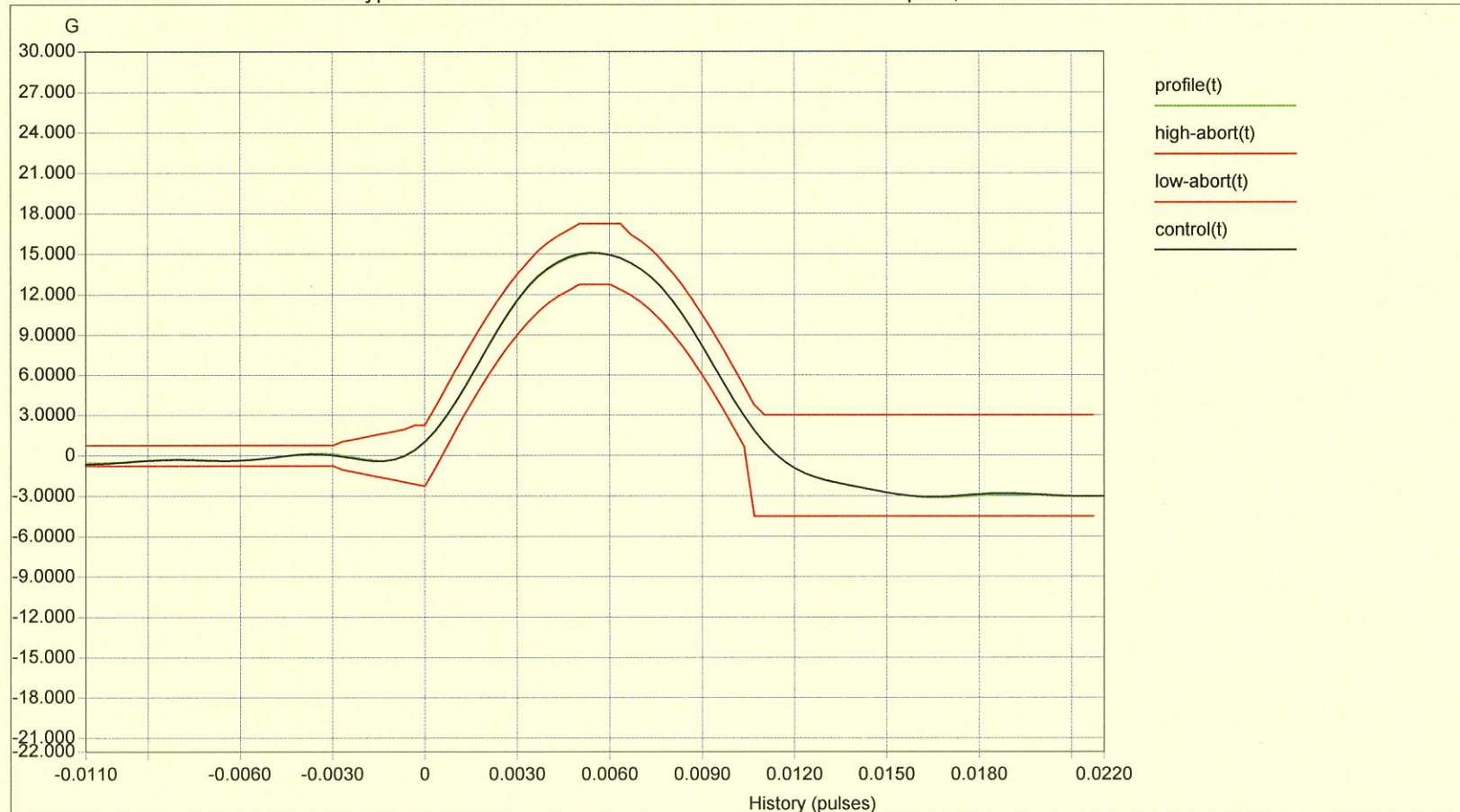
#### After test



+X axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Sep 09,2013 15-28-51

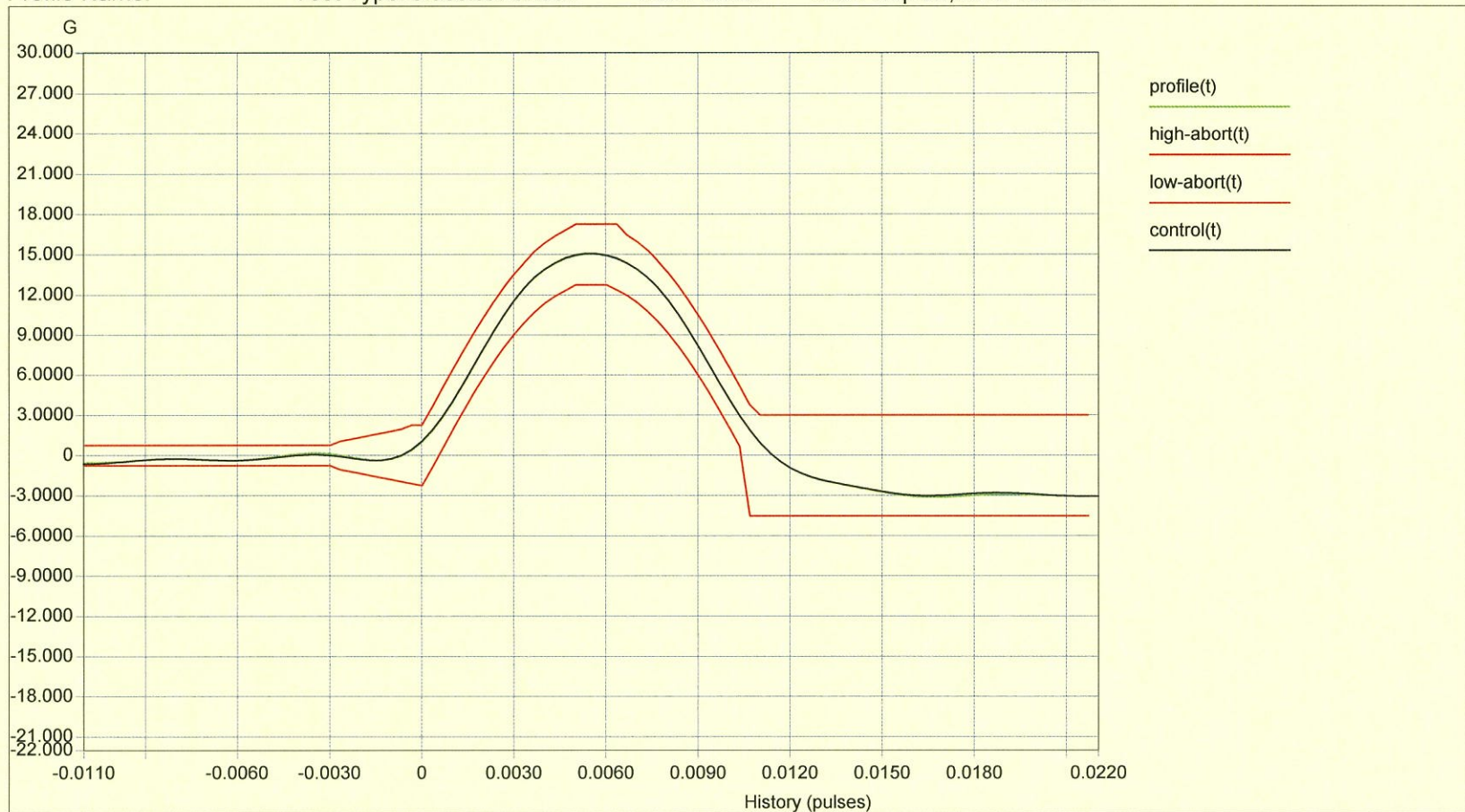


Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.064391 G Control RMS: 1.546503 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

-X axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Sep 09,2013 15-30-35

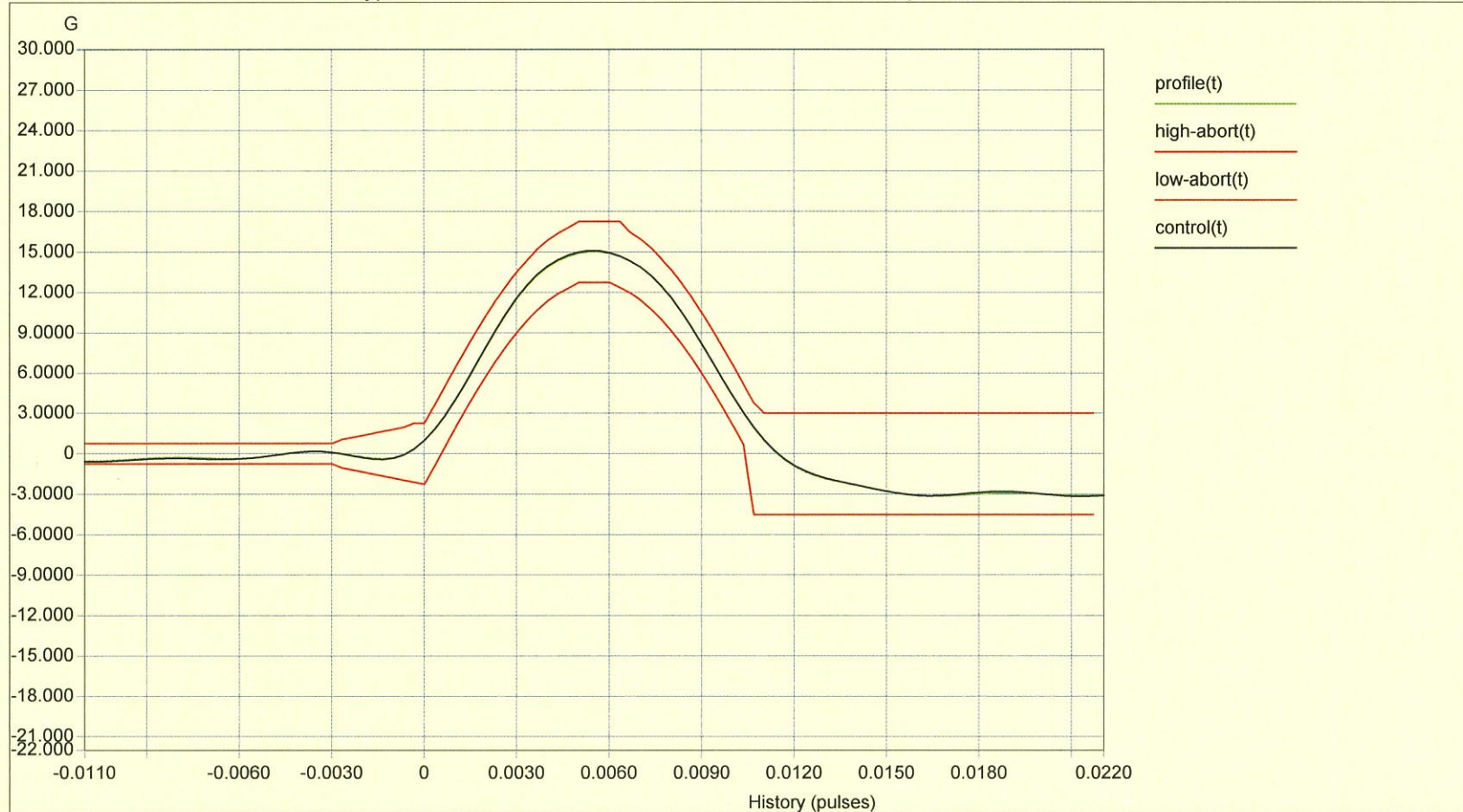


Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.049349 G Control RMS: 1.545540 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

+Y axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Sep 09,2013 15-35-05



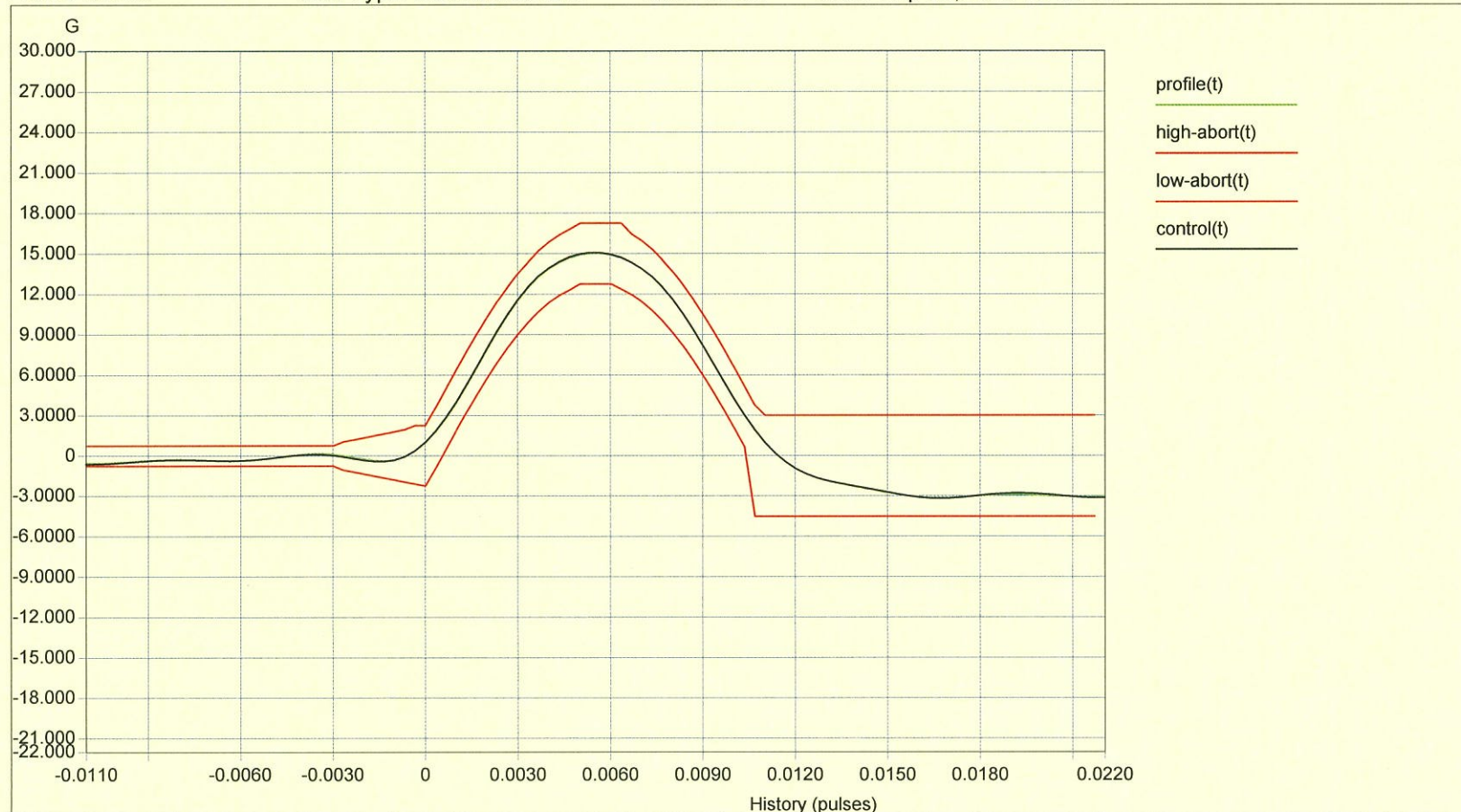
Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.076463 G Control RMS: 1.547051 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms



-Y axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Sep 09,2013 15-39-16

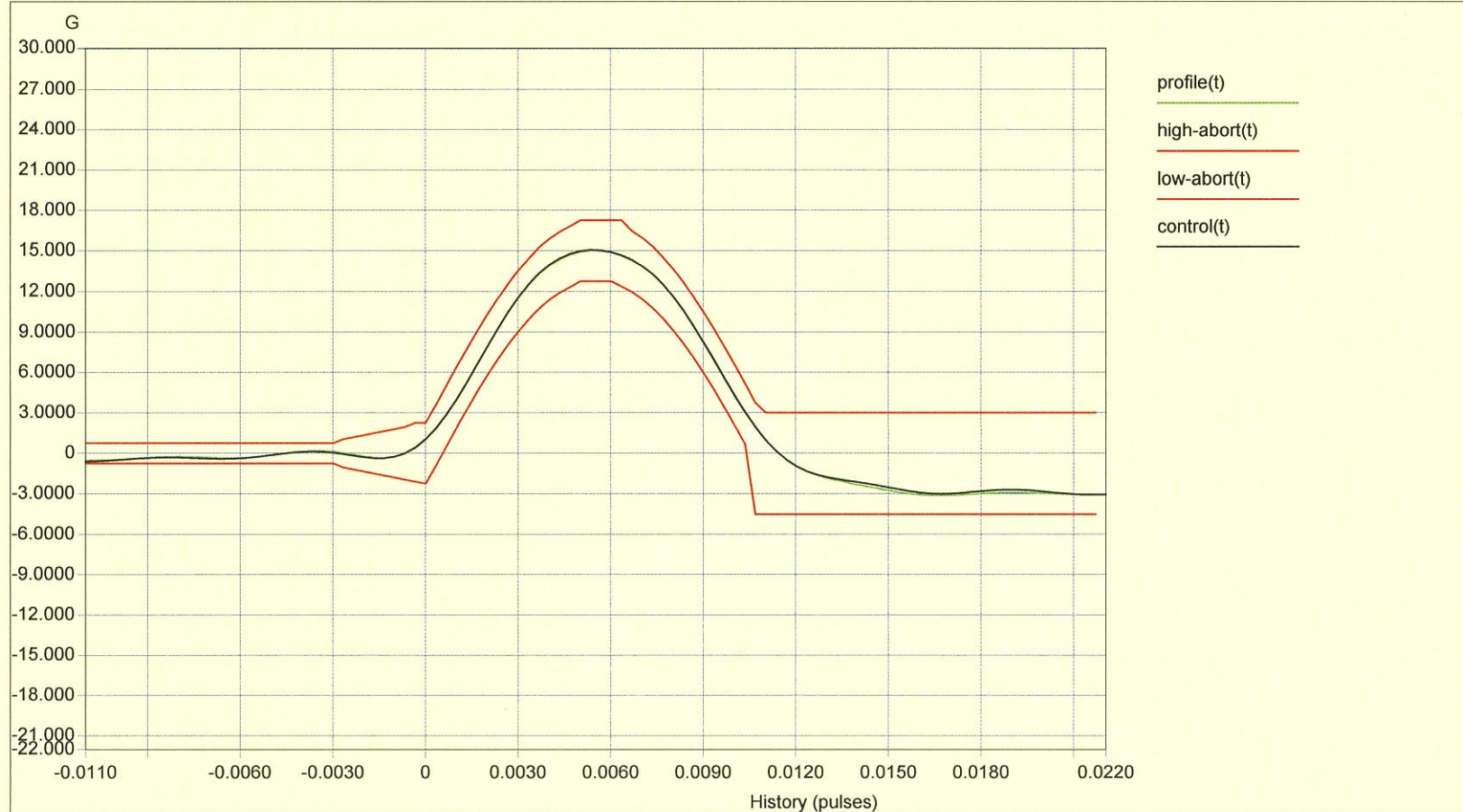


Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.049735 G Control RMS: 1.547572 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

+Z axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Sep 09,2013 15-06-27

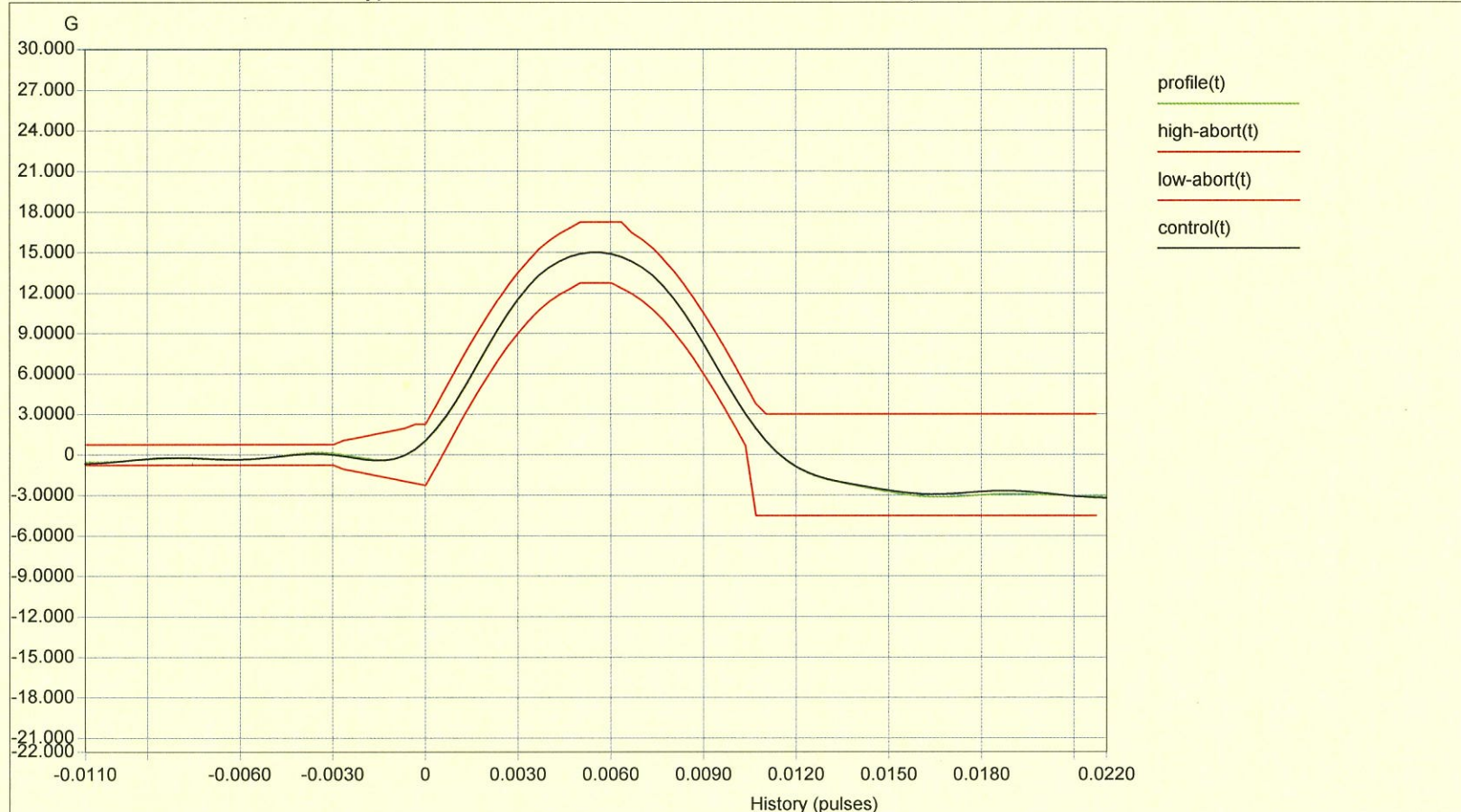


Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.040557 G Control RMS: 1.546228 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

-Z axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Sep 09,2013 15-22-22



Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 14.983378 G Control RMS: 1.546797 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

-END-