

**KING DESIGN INDUSTRIAL CO., LTD.**

**VIBRATION TEST LABORATORY**

4F, NO. 3, Lane 270, Pei Shen Road Sec. 3,

<http://www.kdi.tw>

Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C

<http://www.vibration.com.tw>

TEL: 886-2-2662-5100 FAX: 886-2-2662-3094

E-mail:service@kdi.tw

## TESTING / INSPECTION REPORT

REPORT NO : ST-131014-3

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 : ACP-1073(With mSATA)

DATE OF RECEIVED : 2013/10/14

DATE OF TESTED : 2013/10/14

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>Te Rui</i>	
Approval Signatory : <i>David Lee</i>	Laboratory Head : <i>Hsin Zai Chang</i>





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### 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 | : 66 %RH (50±25% RH) |

### SPECIMEN :

- |          |                        |
|----------|------------------------|
| Model    | : ACP-1073(With mSATA) |
| Quantity | : 1 unit               |

### TEST SPECIFICATION(2) :

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

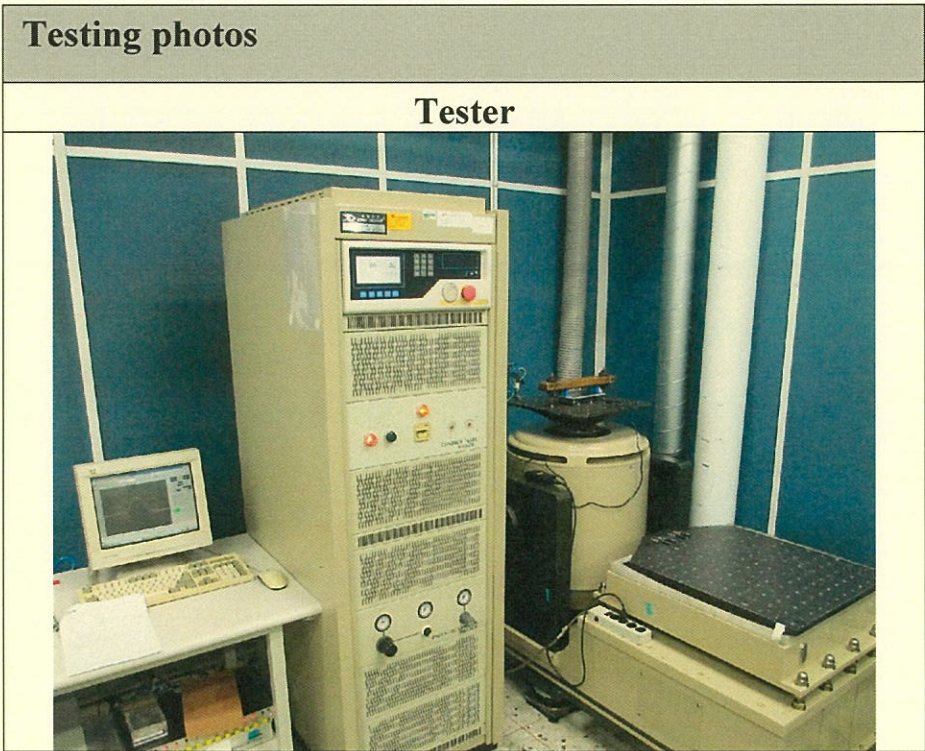
- |                 |                              |
|-----------------|------------------------------|
| Wave Form       | : Half Sine wave (Operating) |
| Acceleration    | : 15 g                       |
| Duration Time   | : 11 mS                      |
| No. of Shock    | : Each axis 3 times          |
| 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.			

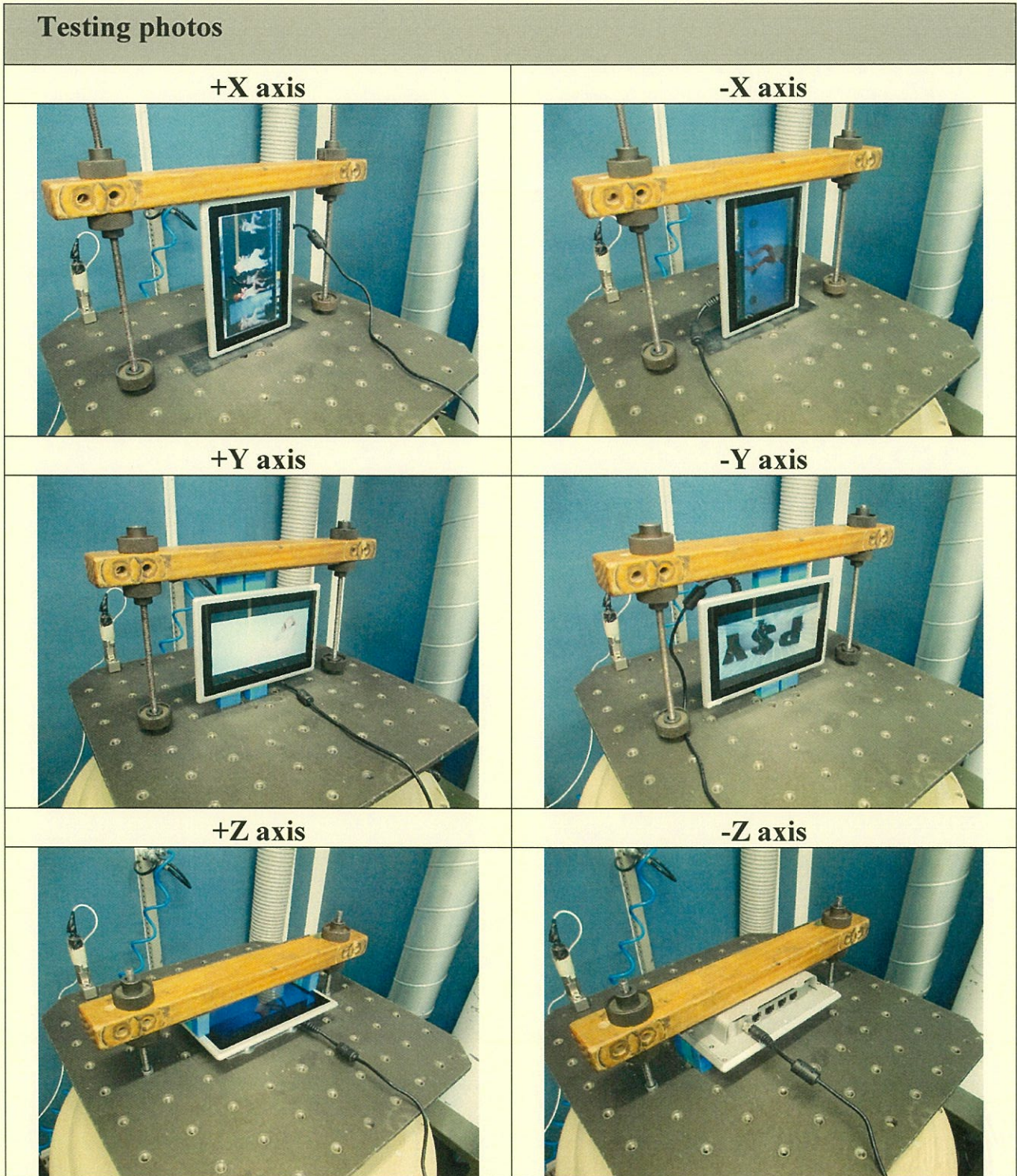


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### Testing photos

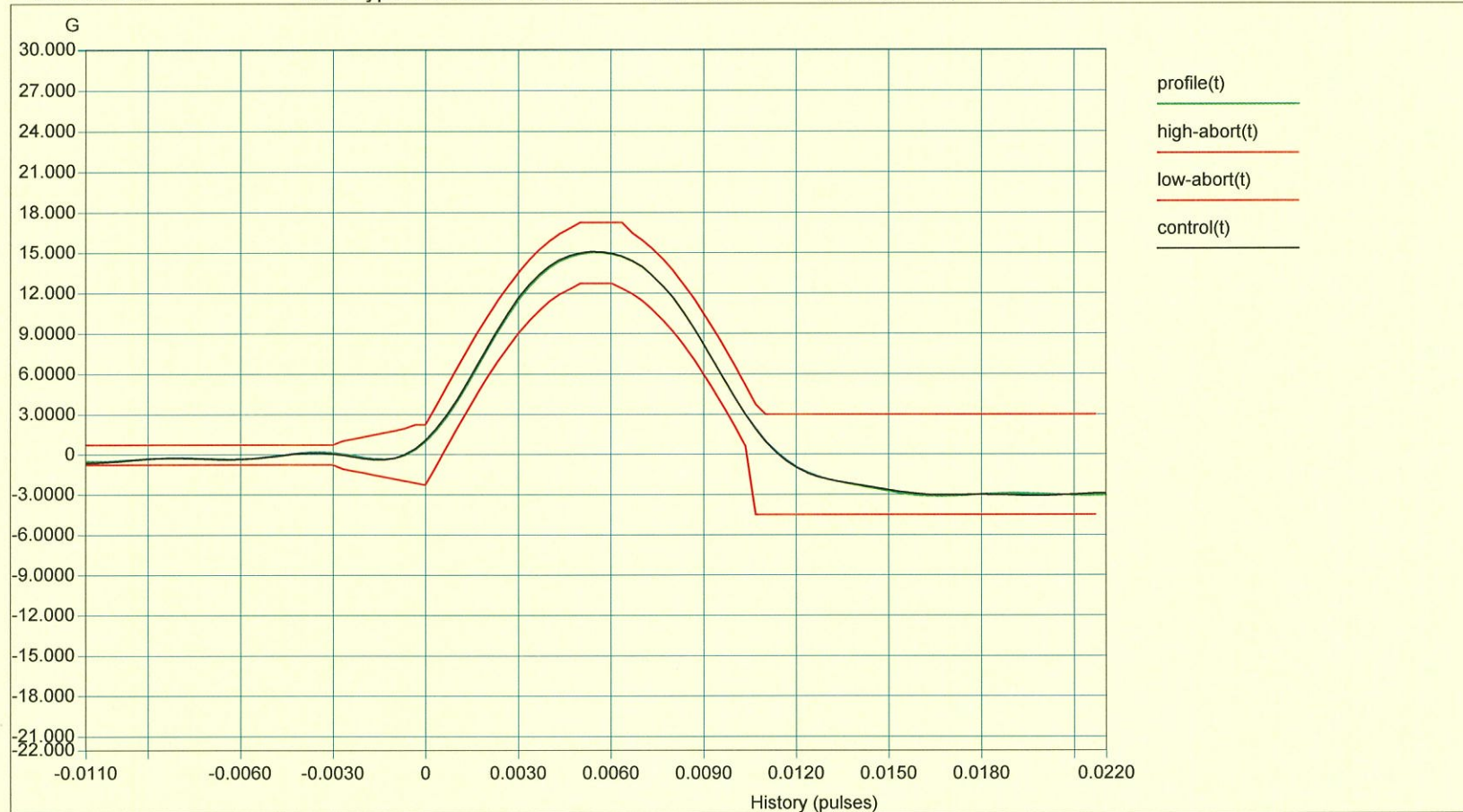
#### After test



+X axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Oct 14,2013 11-51-54



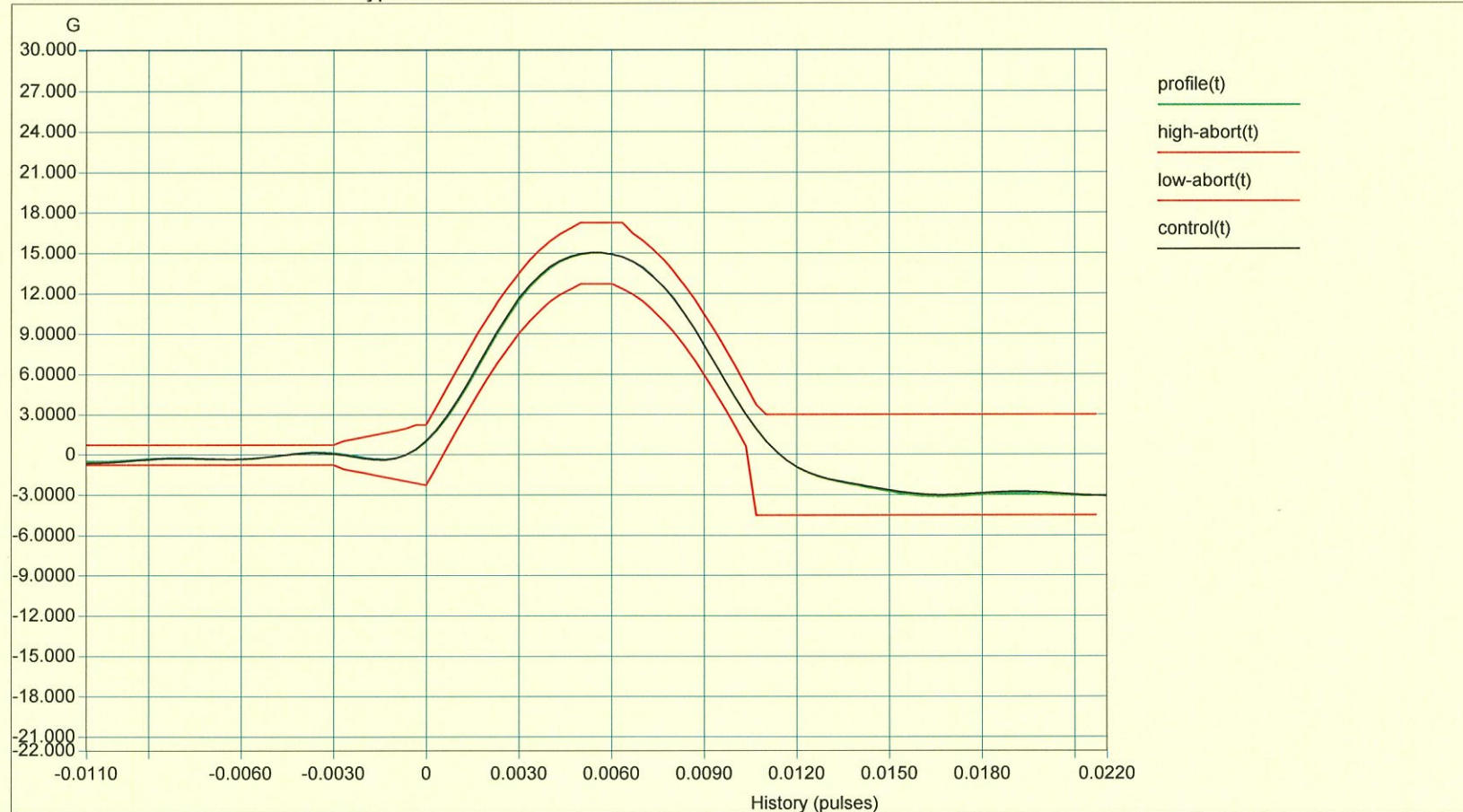
Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.054681 G Control RMS: 1.547693 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms



-X axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Oct 14,2013 11-50-00

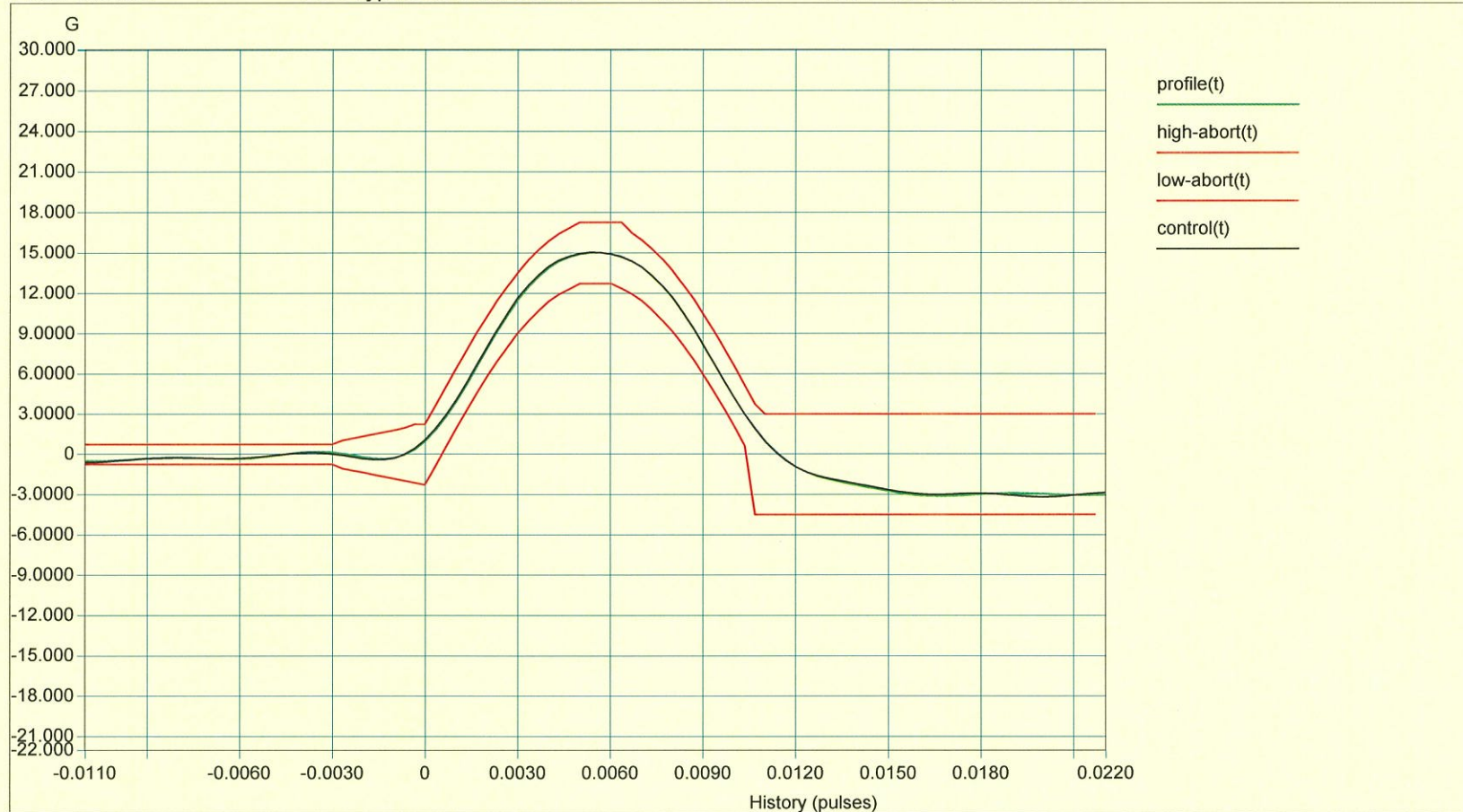


Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.016633 G Control RMS: 1.546215 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

+Y axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Oct 14,2013 11-40-59



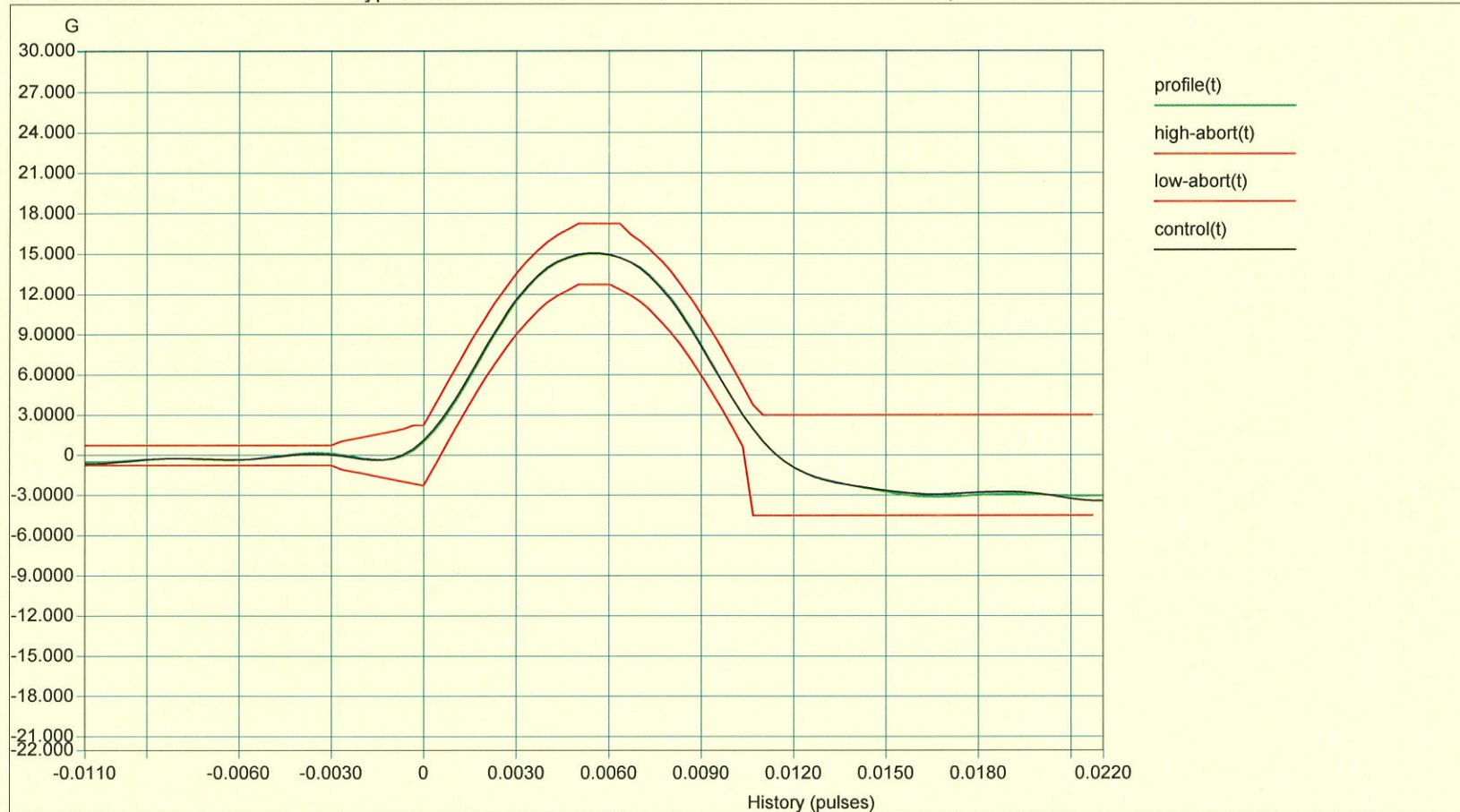
Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.003196 G Control RMS: 1.546911 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

-Y axis



Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Oct 14,2013 11-43-35



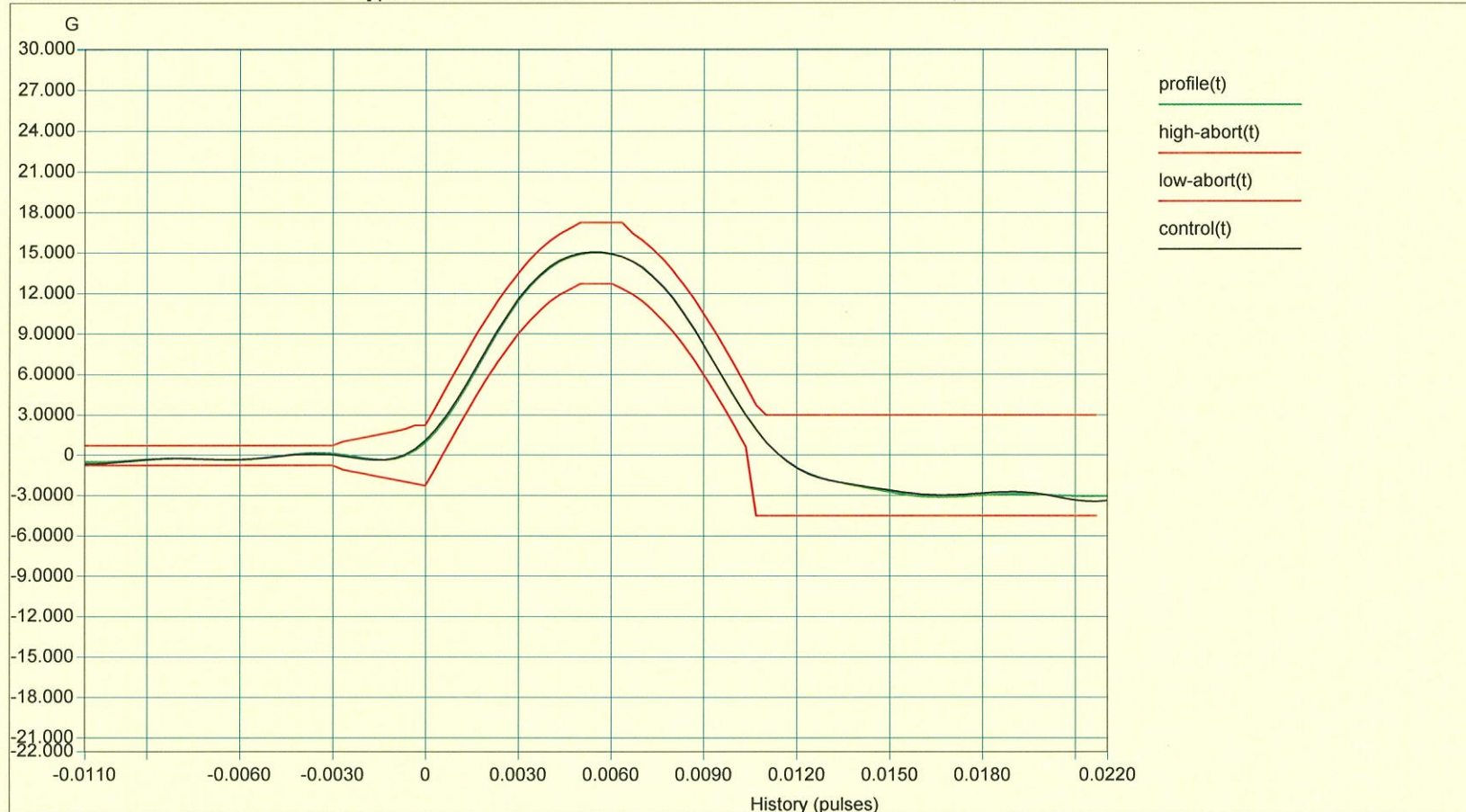
Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.040951 G Control RMS: 1.545207 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms



+Z axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Oct 14,2013 11-55-45



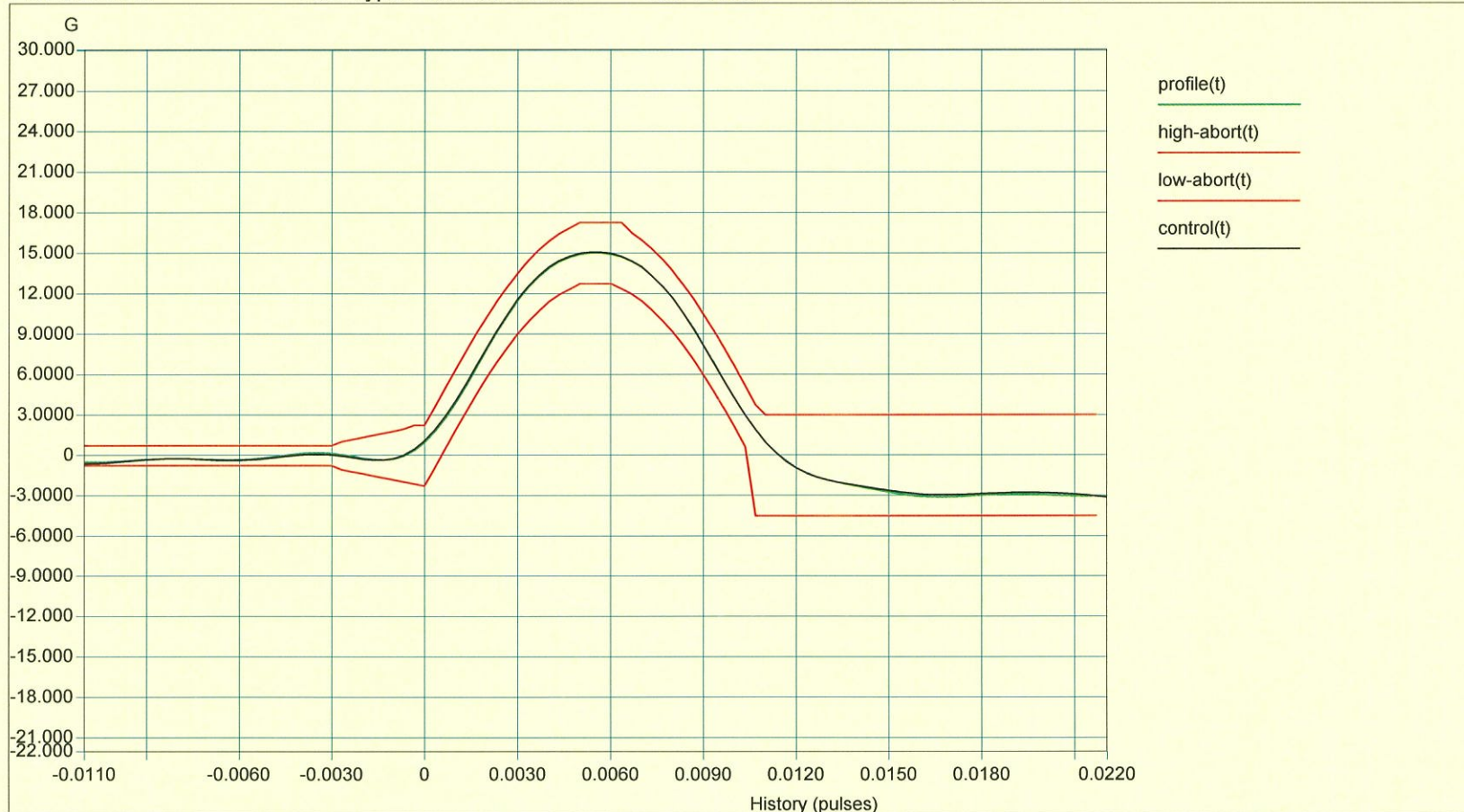
Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.035951 G Control RMS: 1.545953 G Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 14.999999 G Demand RMS: 1.533911 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms



-Z axis

Project File Name: 15g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\Run Oct 14,2013 11-58-15



Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 15.046878 G Control RMS: 1.545301 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-