

KING DESIGN INDUSTRIAL CO., LTD.

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

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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-130718-2

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 : ACP-1103 (with mSATA)

DATE OF RECEIVED : 2013/07/17

DATE OF TESTED : 2013/07/17

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 :

Approval Signatory :

2013.7.23

David Lee

Laboratory Head :

Hsin Zai

Chang



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TESTING EQUIPMENT :

- | | |
|-------------------------|---|
| 1.Vibration Tester | : KING DESIGN KD-9363EM-600F2K-50N120,
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 | : 26°C (25±10°C) |
| Relative Humidity | : 65 %RH (50±25% RH) |

SPECIMEN :

- | | |
|----------|-------------------------|
| Model | : ACP-1103 (with mSATA) |
| 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 |

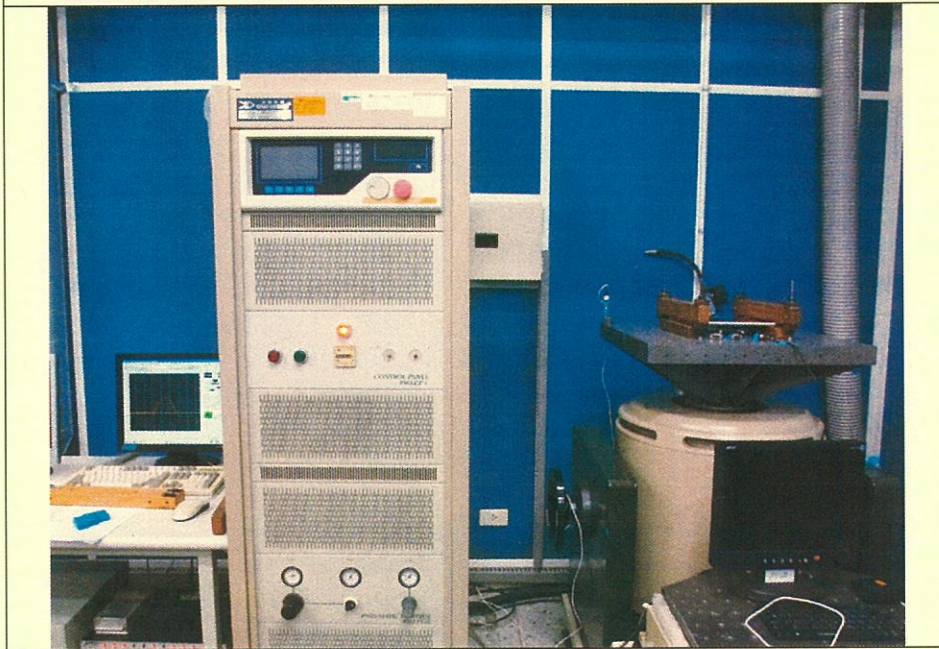
TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment ⁽¹⁾	√	---	---
Appearance check ⁽²⁾	√	---	---
(1)—Bootting function was normal after the test. (2)—No visible damages were found.			

TESTING / INSPECTION REPORT

Testing photos

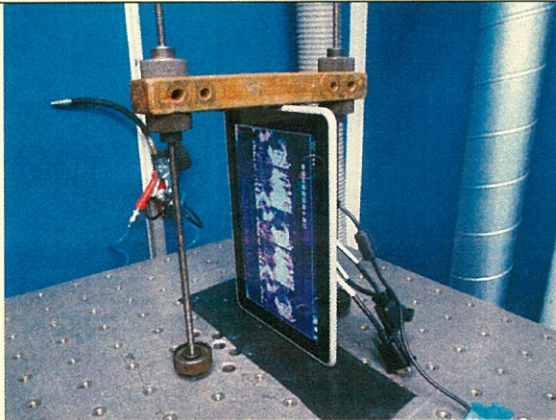
Tester



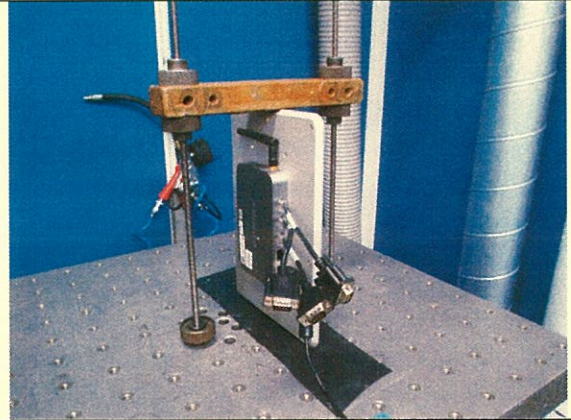
TESTING / INSPECTION REPORT

Testing photos

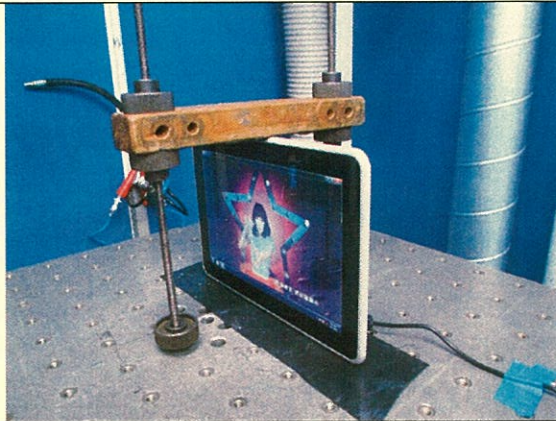
+X axis



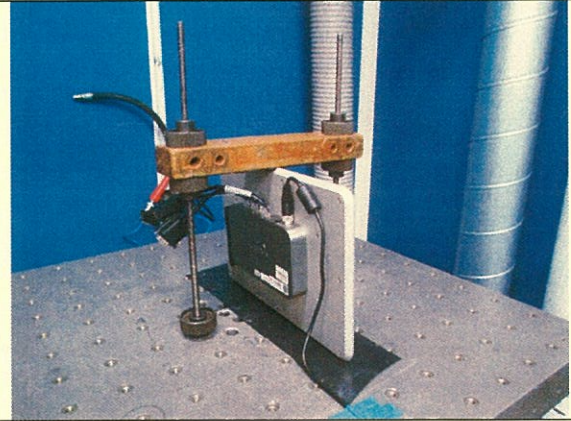
-X axis



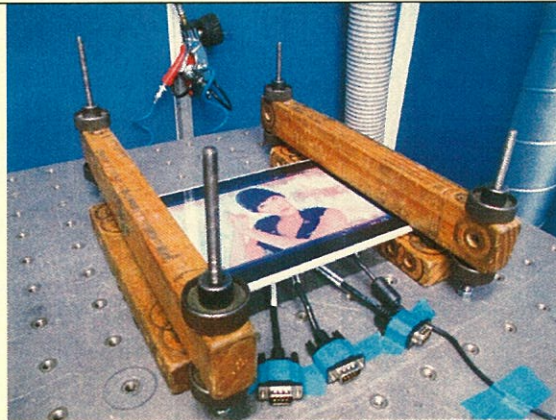
+Y axis



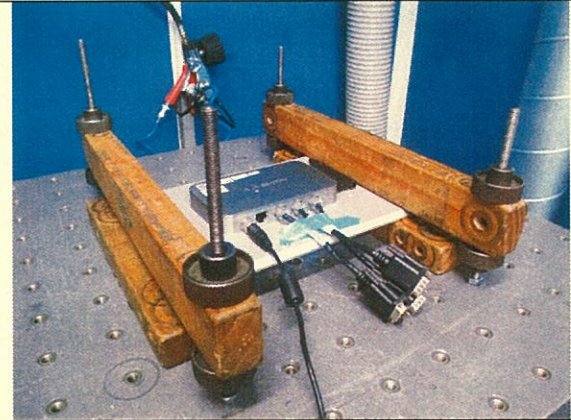
-Y axis



+Z axis

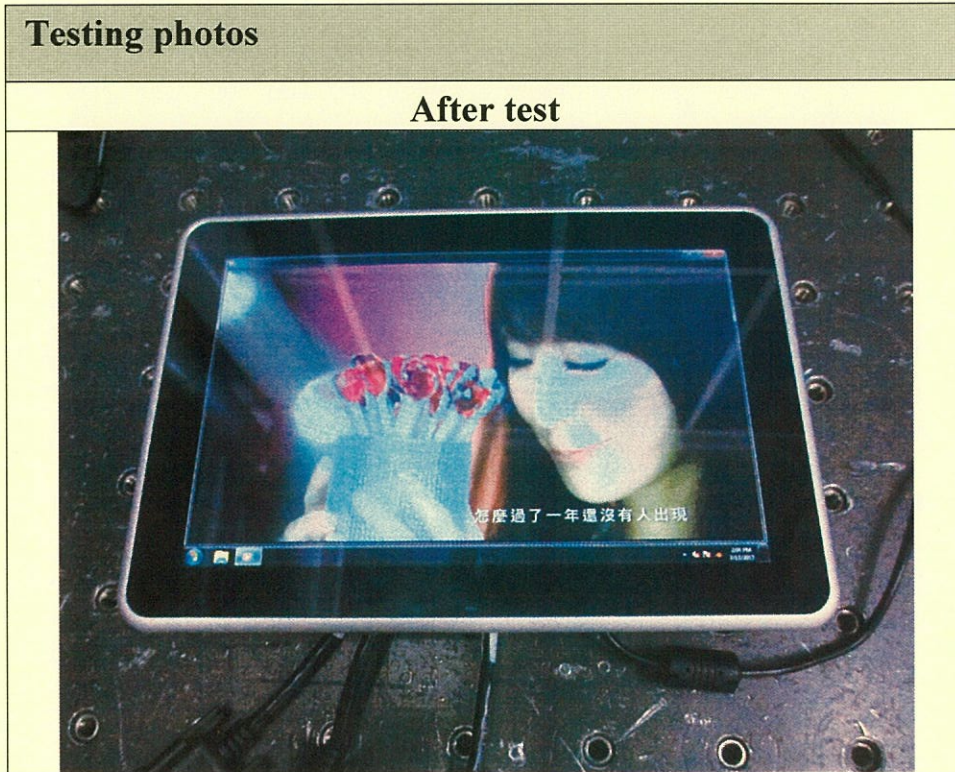


-Z axis



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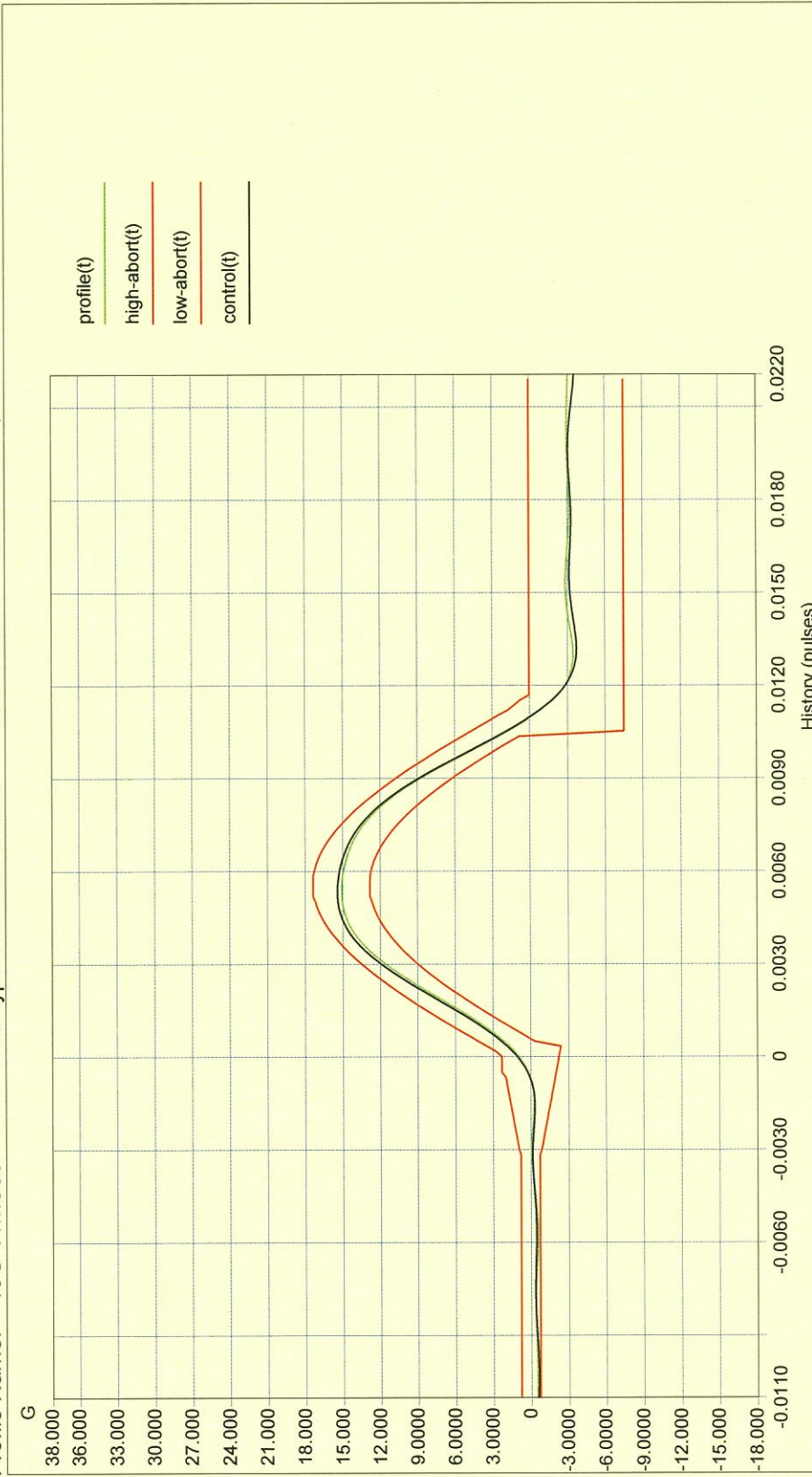
TESTING / INSPECTION REPORT



+X axis

Project File Name: 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: \Run Jul 17, 2013 13-48-11

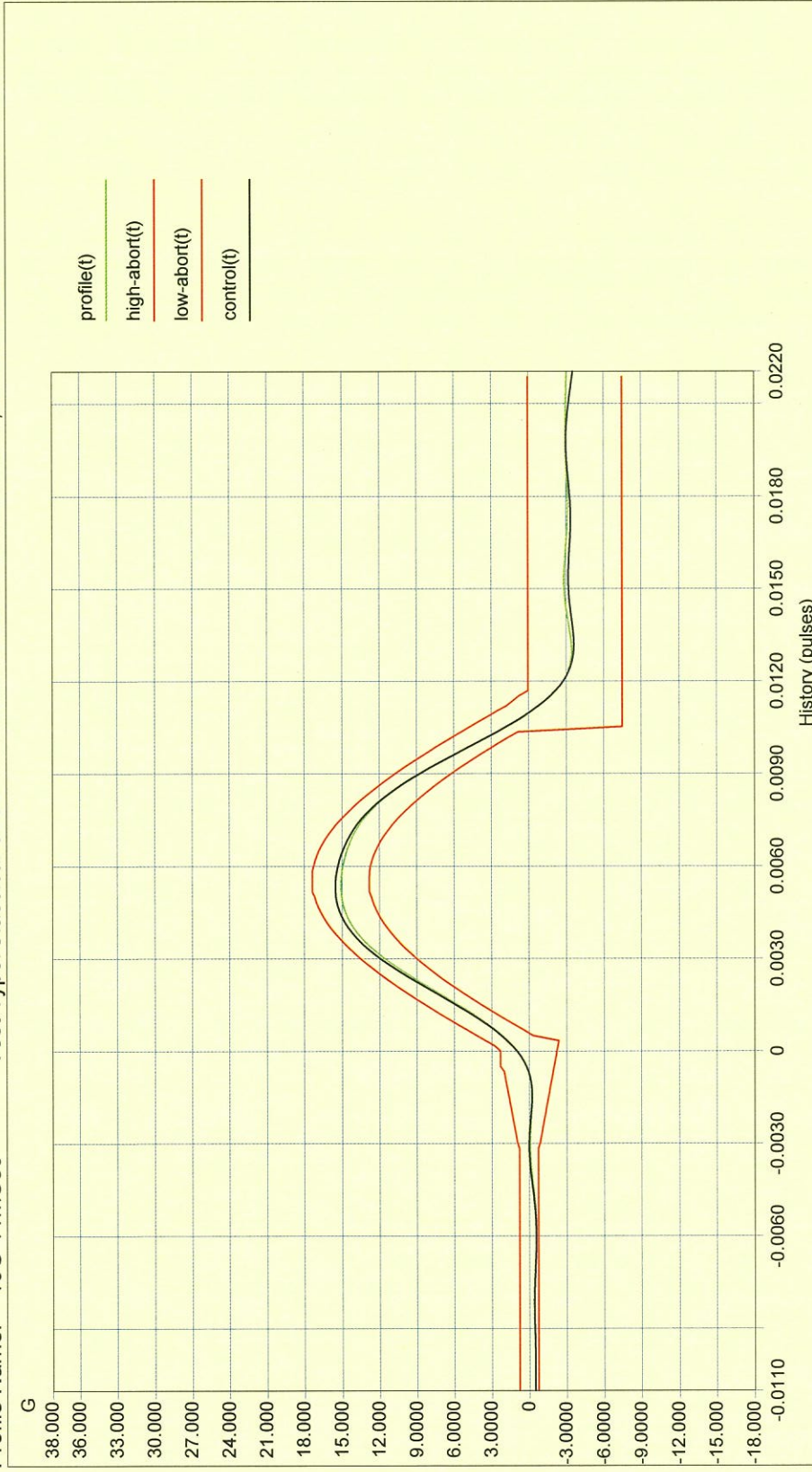


Level: 100 % Block Size: 2048 Elapsed Pulses: 11 Full Level Elapsed Pulses: 3
 Frame Time: 0.341333 Seconds Control Peak: 15.351349 G Control RMS: 2.190764 G
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.108198 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

-X axis

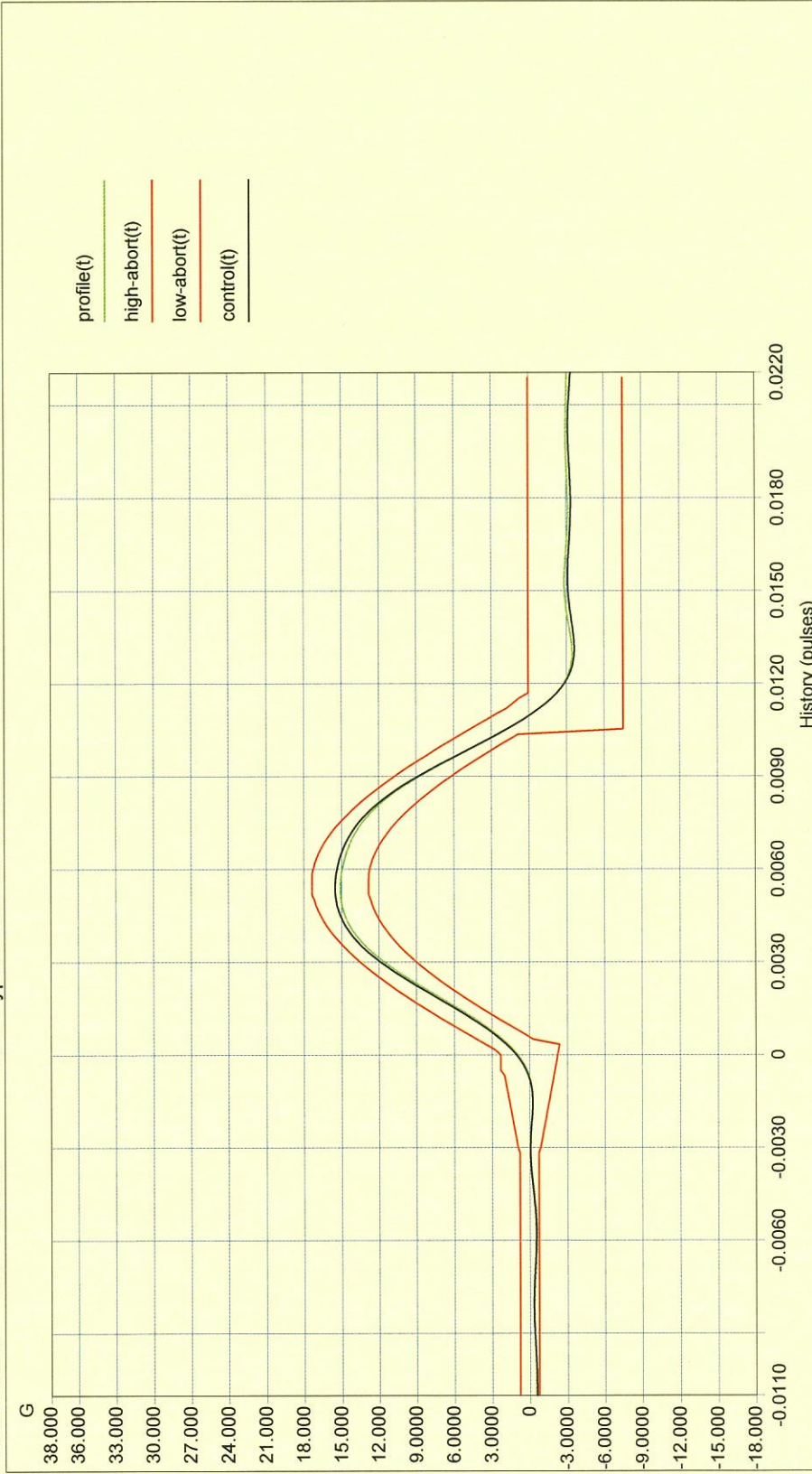
Project File Name: 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Jul 17,2013 13-50-21



Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.341333 Seconds Control Peak: 15.443168 G Control RMS: 2.187626 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.108198 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: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Jul 17, 2013 13-55-53

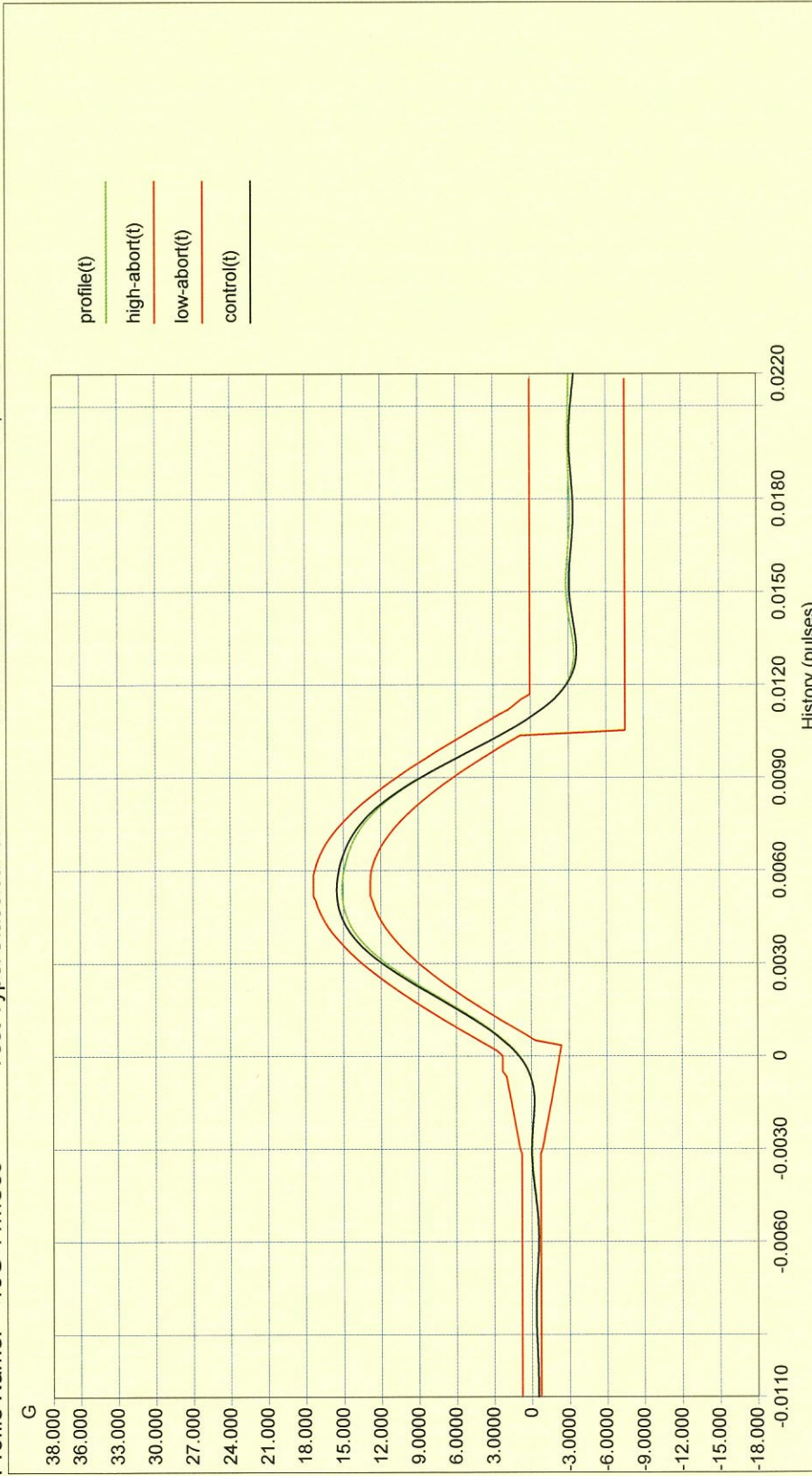


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.341333 Seconds Control Peak: 15.410532 G Control RMS: 2.186747 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.108198 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

-Y axis

Project File Name: 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Jul 17, 2013 13:59:19

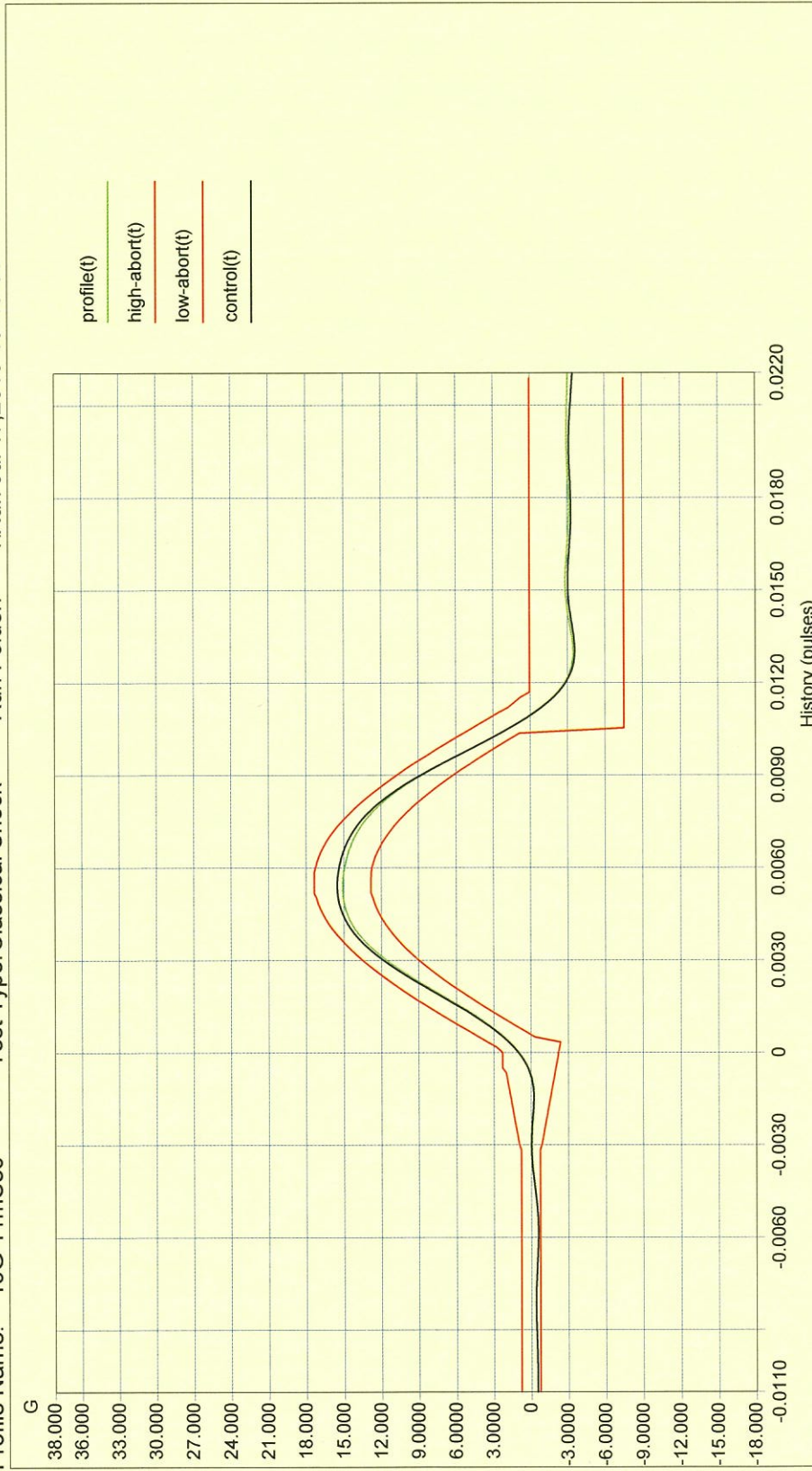


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.341333 Seconds Control Peak: 15.422549 G Control RMS: 2.187983 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.108198 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

+Z Axis

Project File Name: 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: \Run Jul 17, 2013 13-40-35

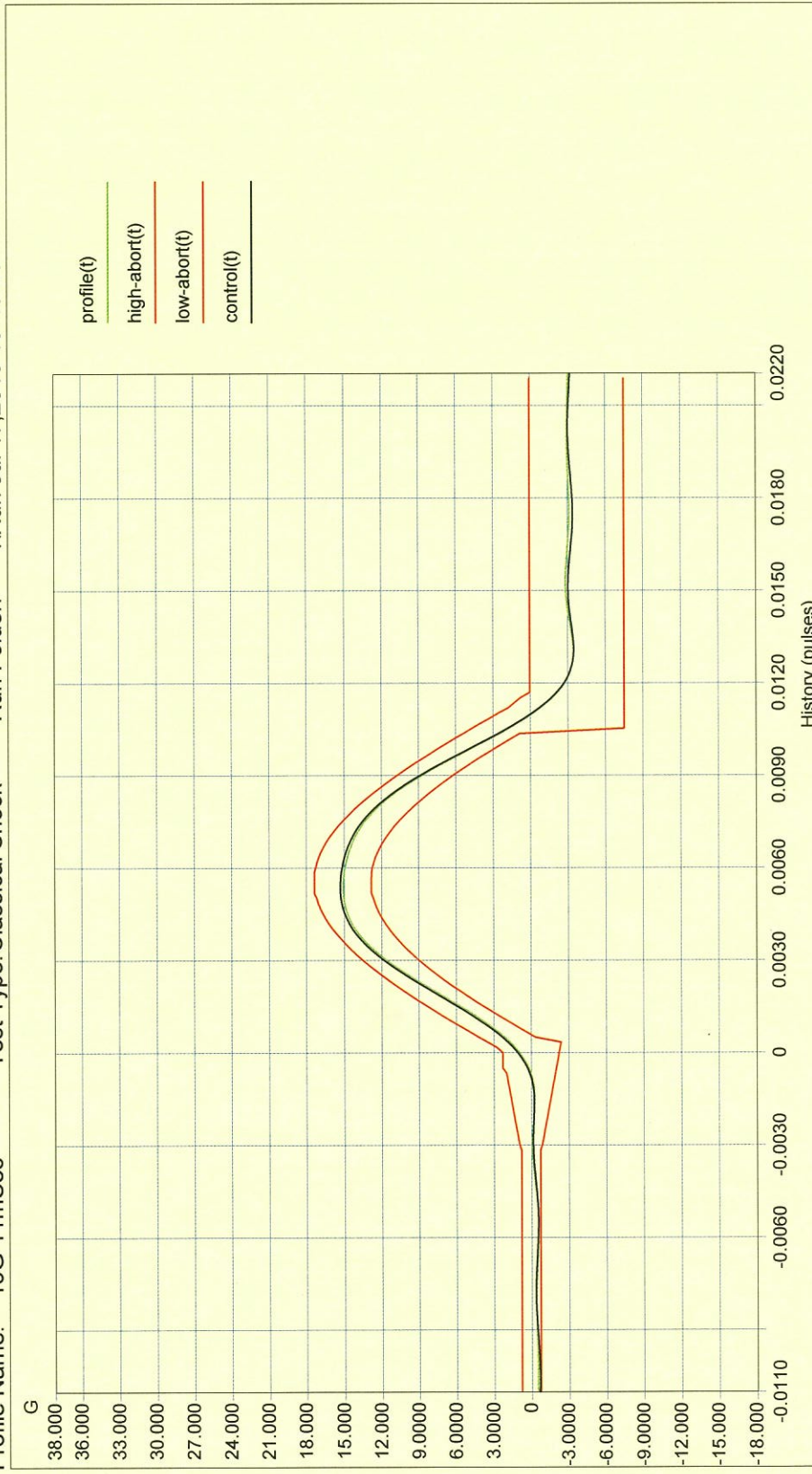


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.341333 Seconds Control Peak: 15.425515 G Control RMS: 2.184840 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.108198 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

-Z axis

Project File Name: 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Jul 17, 2013 13-43-29



Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.341333 Seconds Control Peak: 15.231534 G Control RMS: 2.171738 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 2.108198 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
 -END-