

**KING DESIGN INDUSTRIAL CO., LTD.**5F, 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**RELIABILITY TEST LABORATORY**<http://www.kdi.tw>  
<http://www.vibration.com.tw>  
E-mail: [service@kdi.tw](mailto:service@kdi.tw)**TESTING / INSPECTION REPORT**

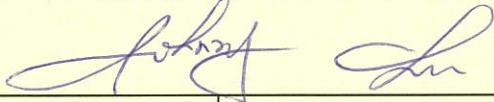

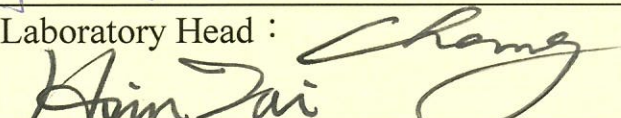
REPORT NO : ST-121227-1

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 : DSS-CV20(with 2.5" SATA HDD)  
DATE OF RECEIVED : 2012/12/20  
DATE OF TESTED : 2012/12/20

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 : 	Laboratory Head : 

2012.12.28



## 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:4208                        |

### TEST ENVIRONMENT :

- |                   |                     |
|-------------------|---------------------|
| Temperature       | : 22.5°C (25±10°C)  |
| Relative Humidity | : 54%RH (50±25% RH) |

### SPECIMEN :

- |          |                                |
|----------|--------------------------------|
| Model    | : DSS-CV20(with 2.5" SATA HDD) |
| 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            |

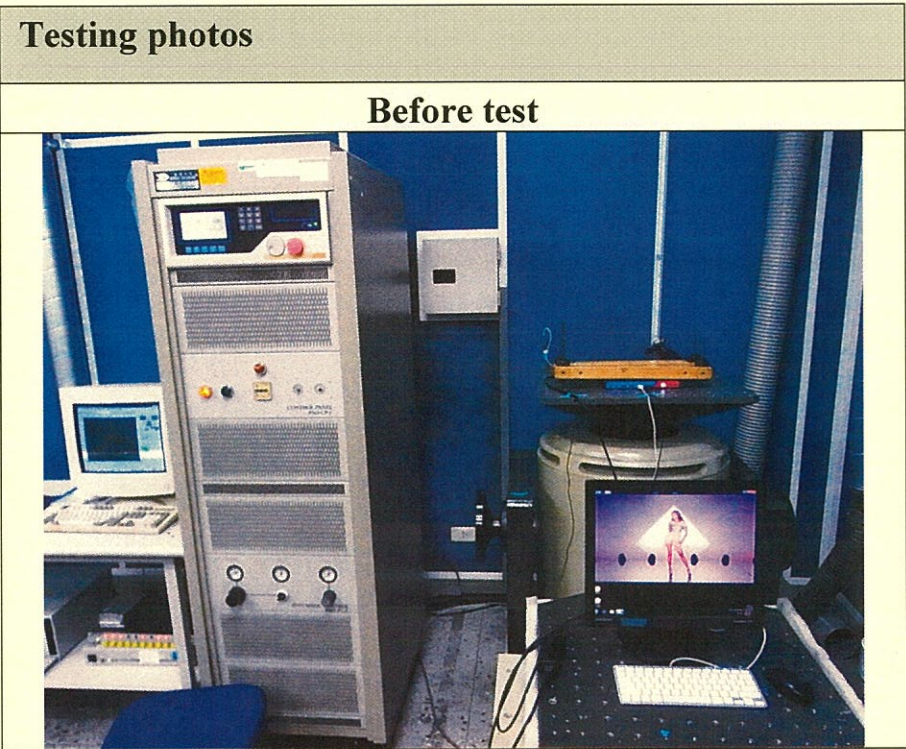
### TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment <sup>(1)</sup>	√	---	---
Appearance check <sup>(2)</sup>	√	---	---

(1)—Bootng function was normal after the test.


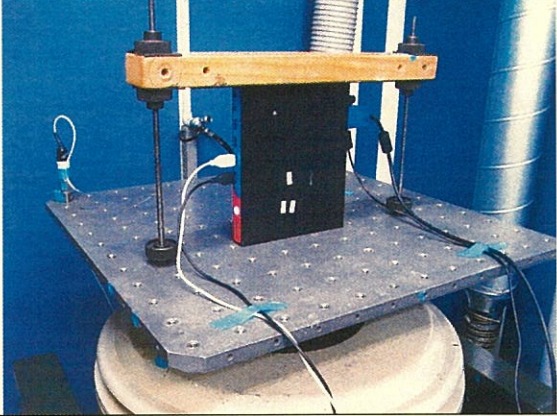
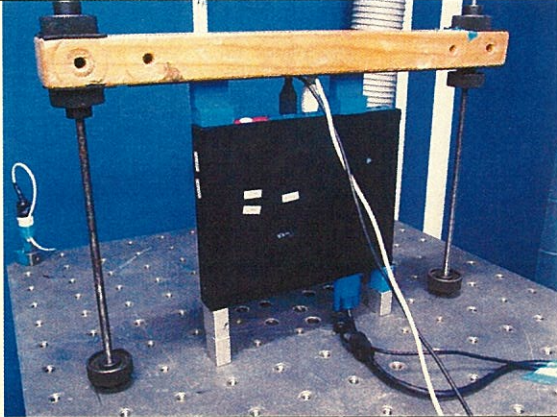
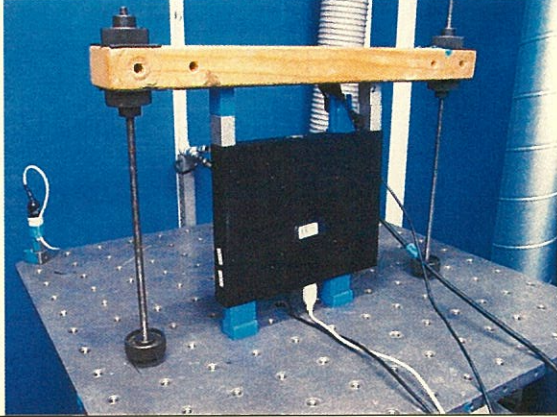
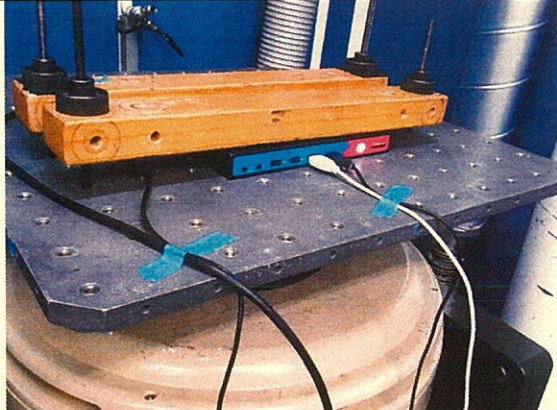

(2)—No visible damages were found.

## TESTING / INSPECTION REPORT



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## TESTING / INSPECTION REPORT

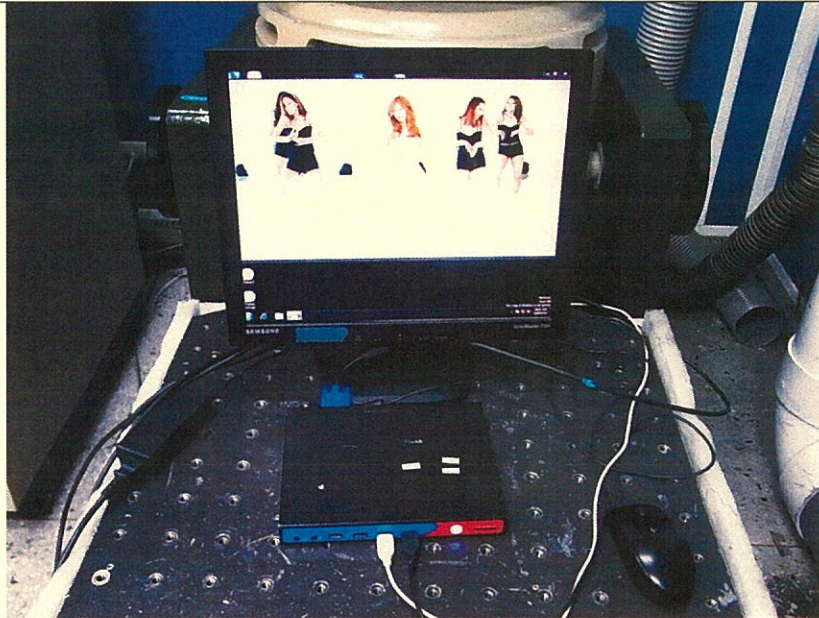
Testing photos	
<b>AXIS +X</b>	<b>AXIS -X</b>
	
<b>AXIS +Y</b>	<b>AXIS -Y</b>
	
<b>AXIS +Z</b>	<b>AXIS -Z</b>
	

驗室

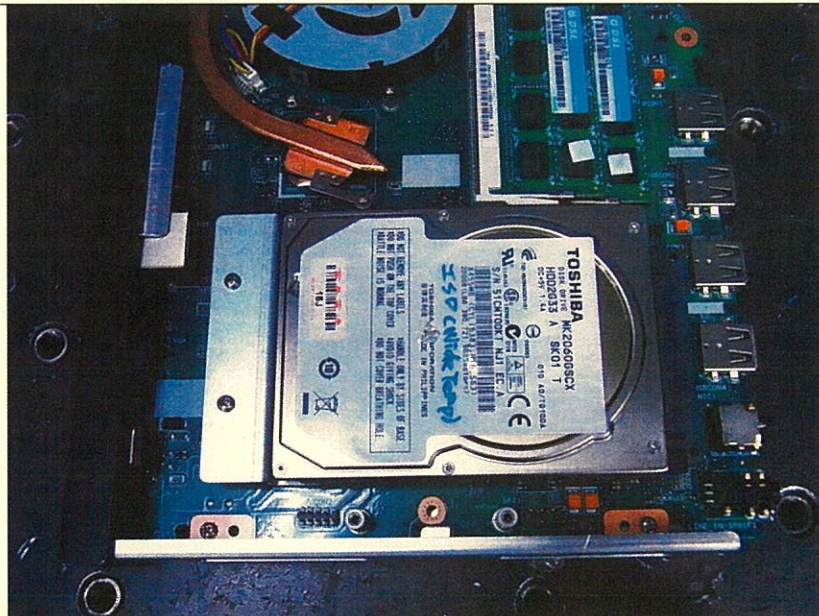
## TESTING / INSPECTION REPORT

### Testing photos

After test-1



After test-2



騎

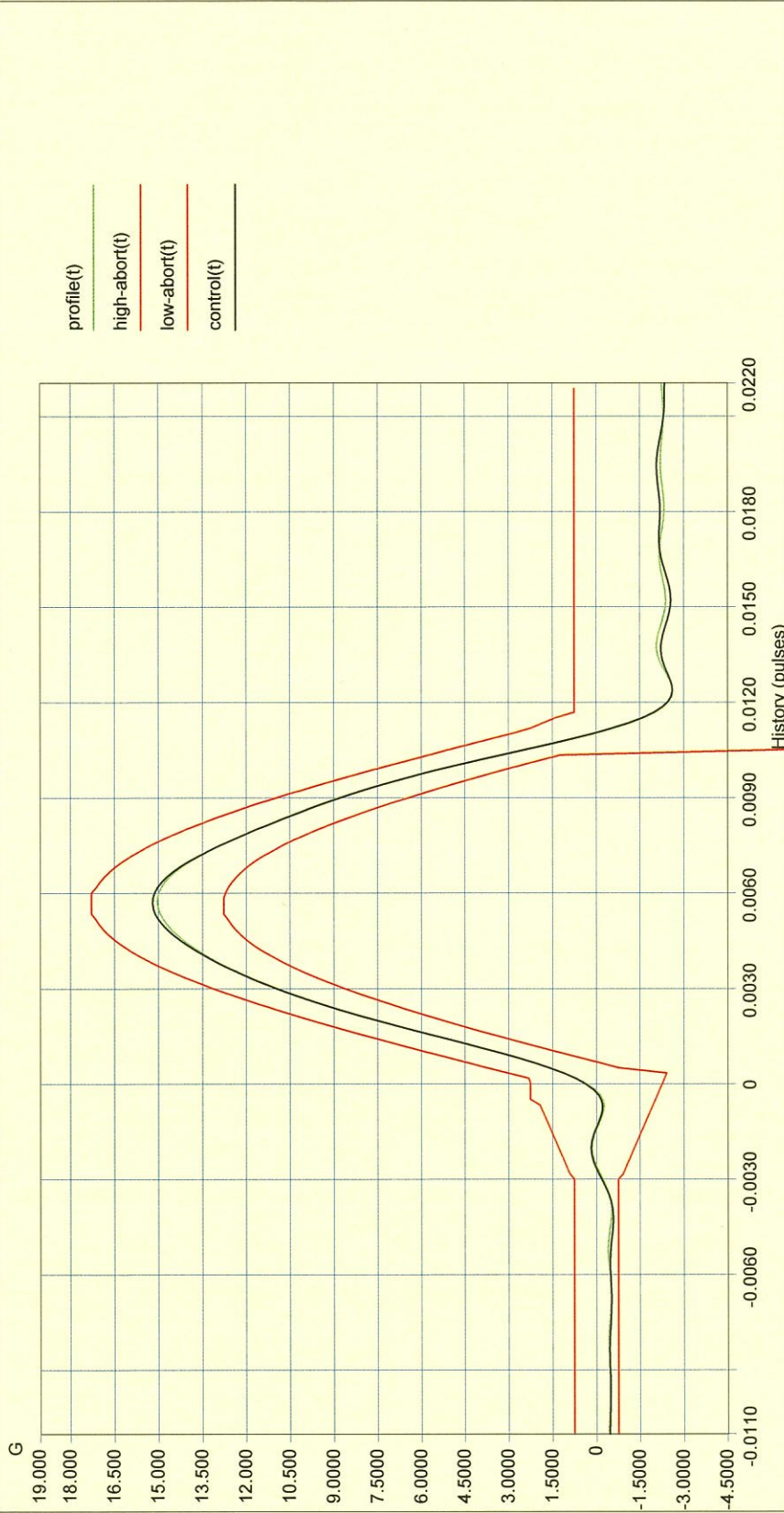
Axis X

Project File Name: 15g 11mS.prj

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Dec 20,2012 10-28-40



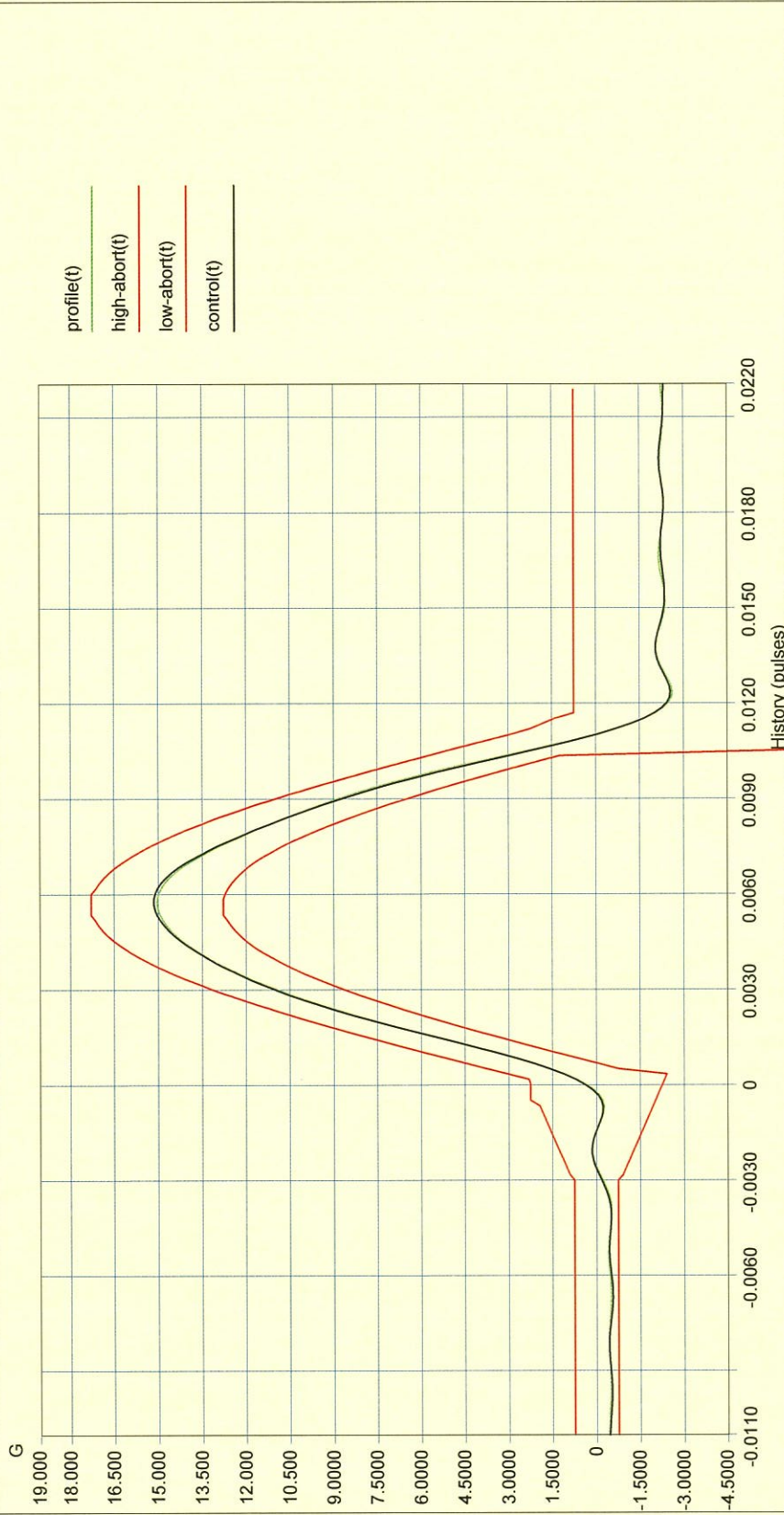
Level: 100 %      Block Size: 4096      Elapsed Pulses: 13      Full Level Elapsed Pulses: 3  
 Frame Time: 0.682667 Seconds      Control Peak: 15.169073 G      Control RMS: 1.508851 G      Remaining Pulses: 0  
 dT: 0.000167 Seconds      Demand Peak: 14.999999 G      Demand RMS: 1.491115 G      Remaining Pulses: 0  
 Pulse Type: Half Sine      Amplitude: 14.999999 G      Pulse Width: 11.000001 ms  
 Data saved at 10:29:00 AM, Thursday, December 20, 2012      Report created at 10:29:00 AM, Thursday, December 20, 2012



Axis -X

Project File Name: 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Dec 20,2012 10-26-51



Level: 100 % Block Size: 4096 Elapsed Pulses: 13 Full Level Elapsed Pulses: 3  
 Frame Time: 0.682667 Seconds Control Peak: 15.120371 G Control RMS: 1.506888 G  
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.491115 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
 Data saved at 10:27:10 AM, Thursday, December 20, 2012 Report created at 10:27:10 AM, Thursday, December 20, 2012



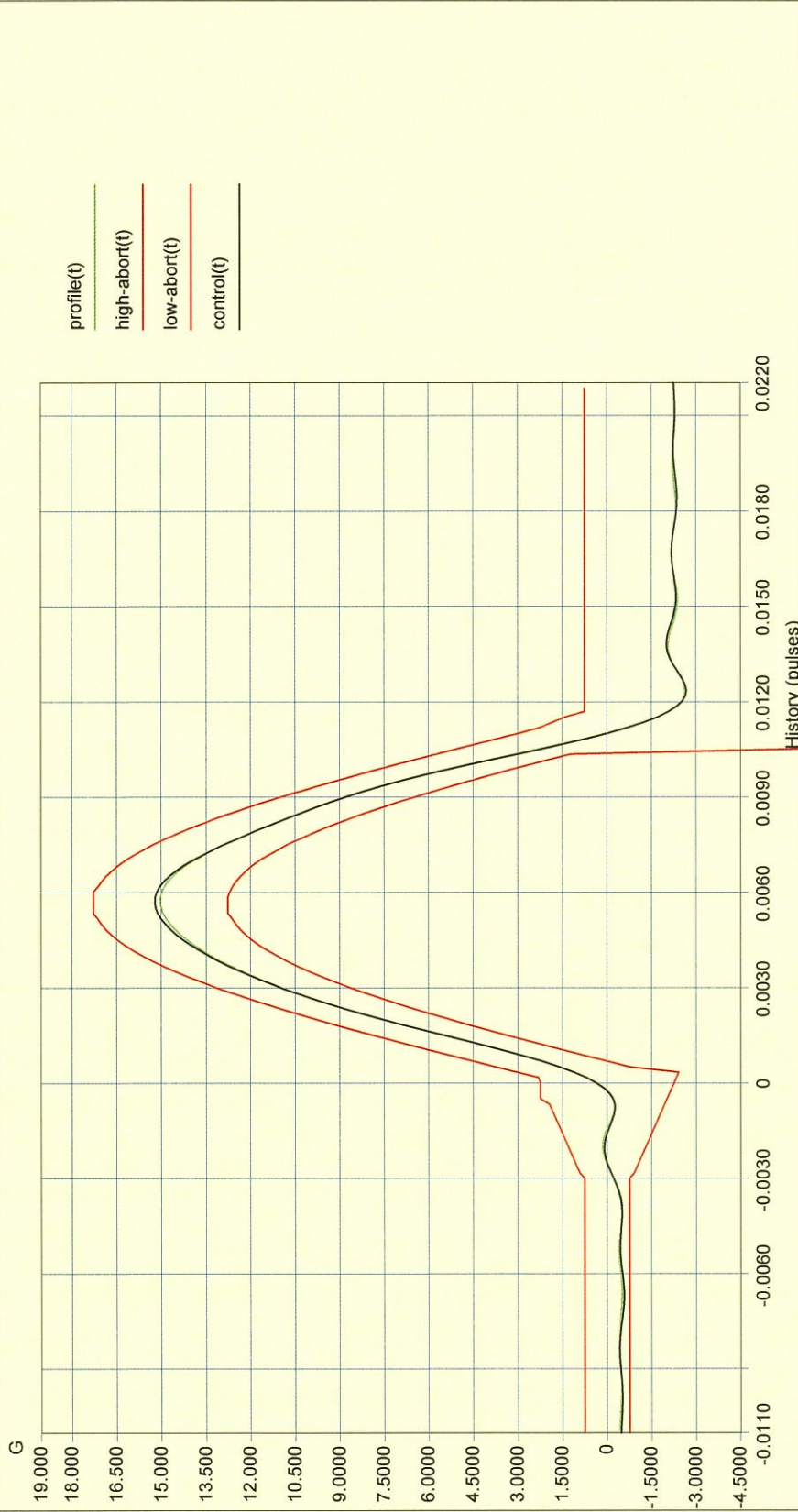
Axis Y

Project File Name: 15g 11mS.prj

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Dec 20,2012 10-23-26



Level: 100 % Block Size: 4096 Elapsed Pulses: 13

Frame Time: 0.682667 Seconds Control Peak: 15.186938 G Control RMS: 1.507768 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.491115 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

Data saved at 10:23:45 AM, Thursday, December 20, 2012 Report created at 10:23:45 AM, Thursday, December 20, 2012

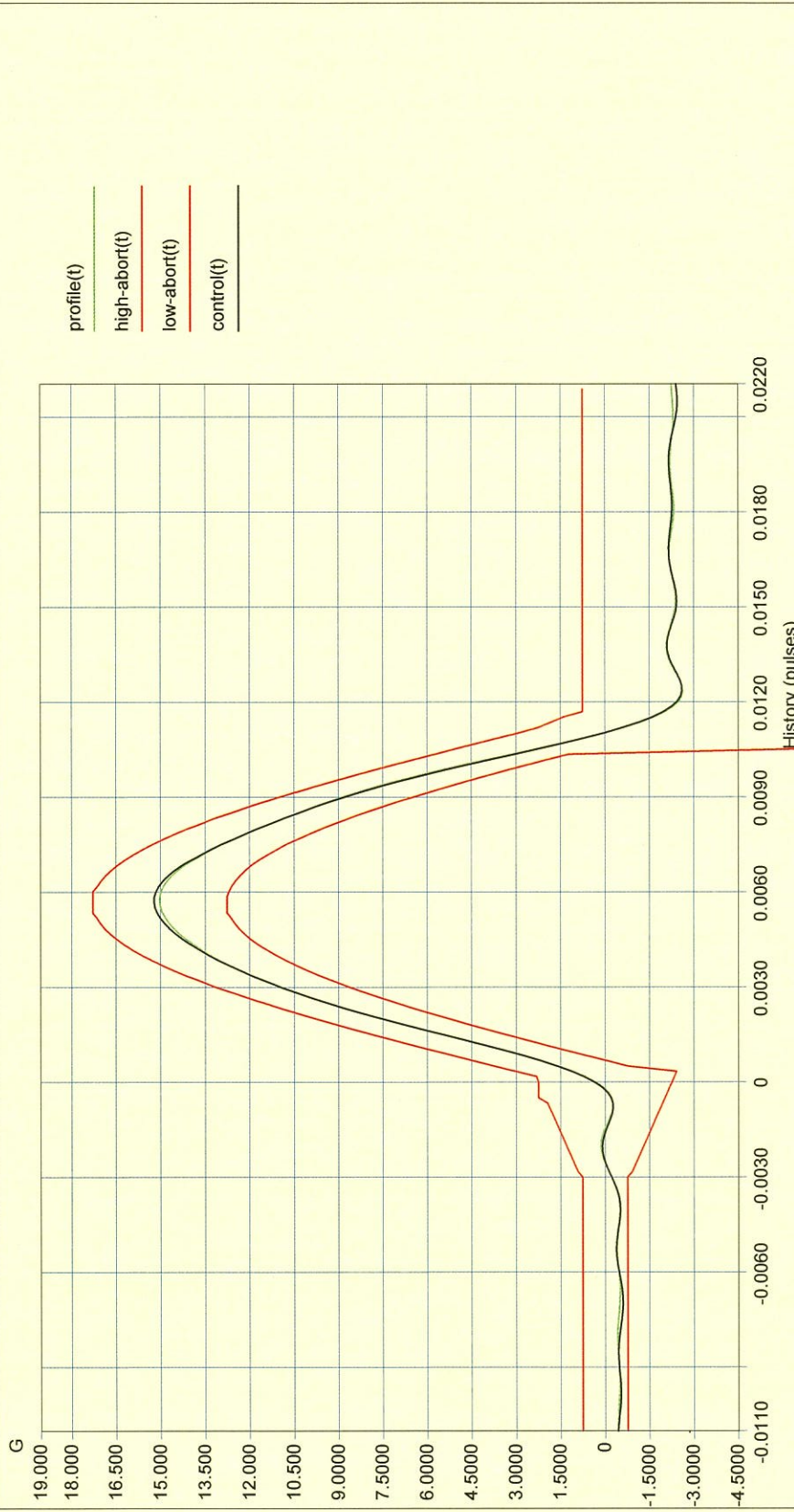




Axis -Y

Project File Name: 15g 11mS.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Dec 20,2012 10-22-04



Level: 100 % Block Size: 4096 Elapsed Pulses: 13  
 Frame Time: 0.682667 Seconds Control Peak: 15.190965 G Control RMS: 1.508131 G Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.491115 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
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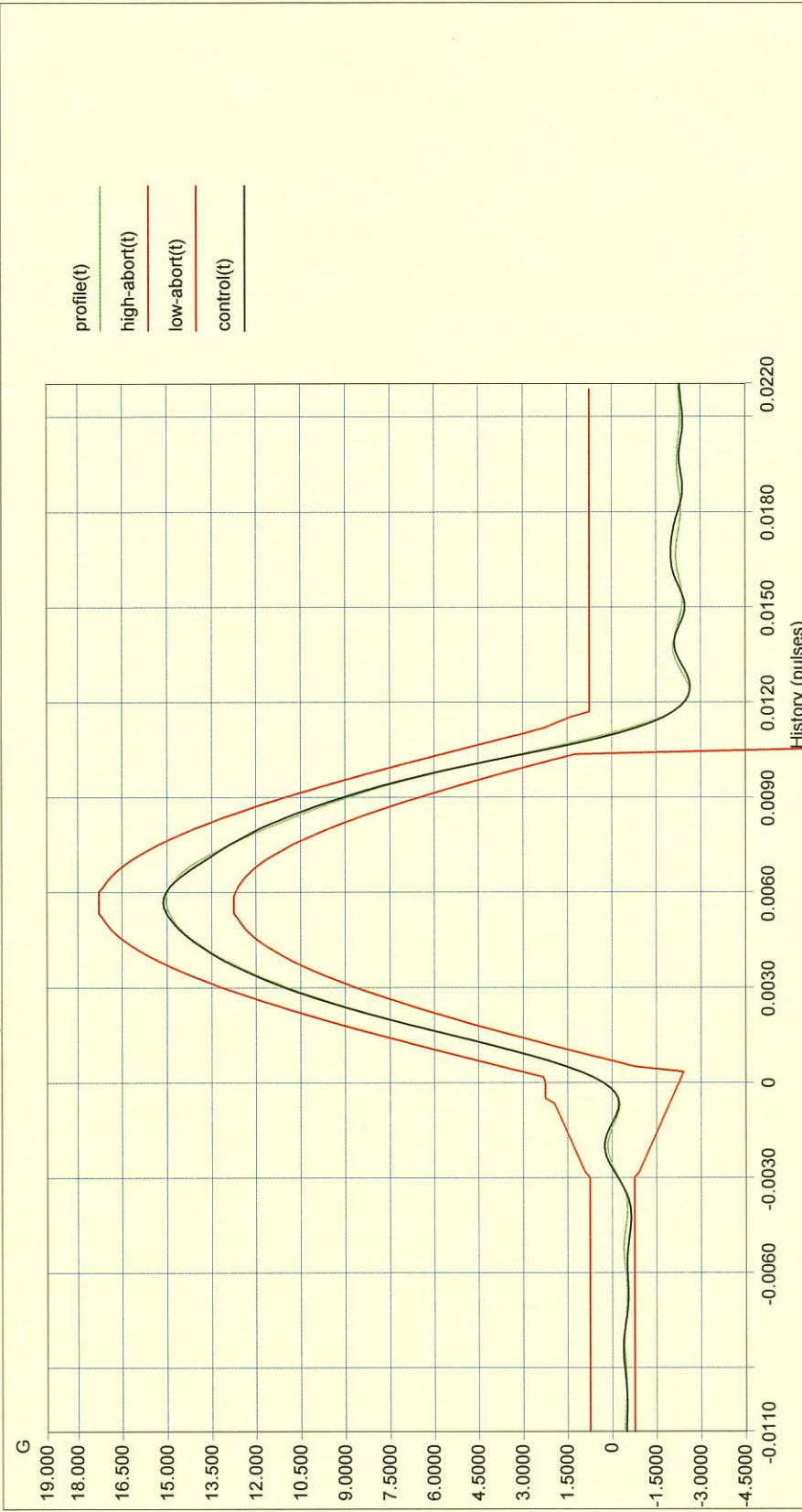
Axis Z

Project File Name: 15g 11mS.prj

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Dec 20,2012 10-19-51



Level: 100 % Block Size: 4096 Elapsed Pulses: 13

Frame Time: 0.682667 Seconds Control Peak: 15.104610 G Control RMS: 1.508451 G Full Level Elapsed Pulses: 3

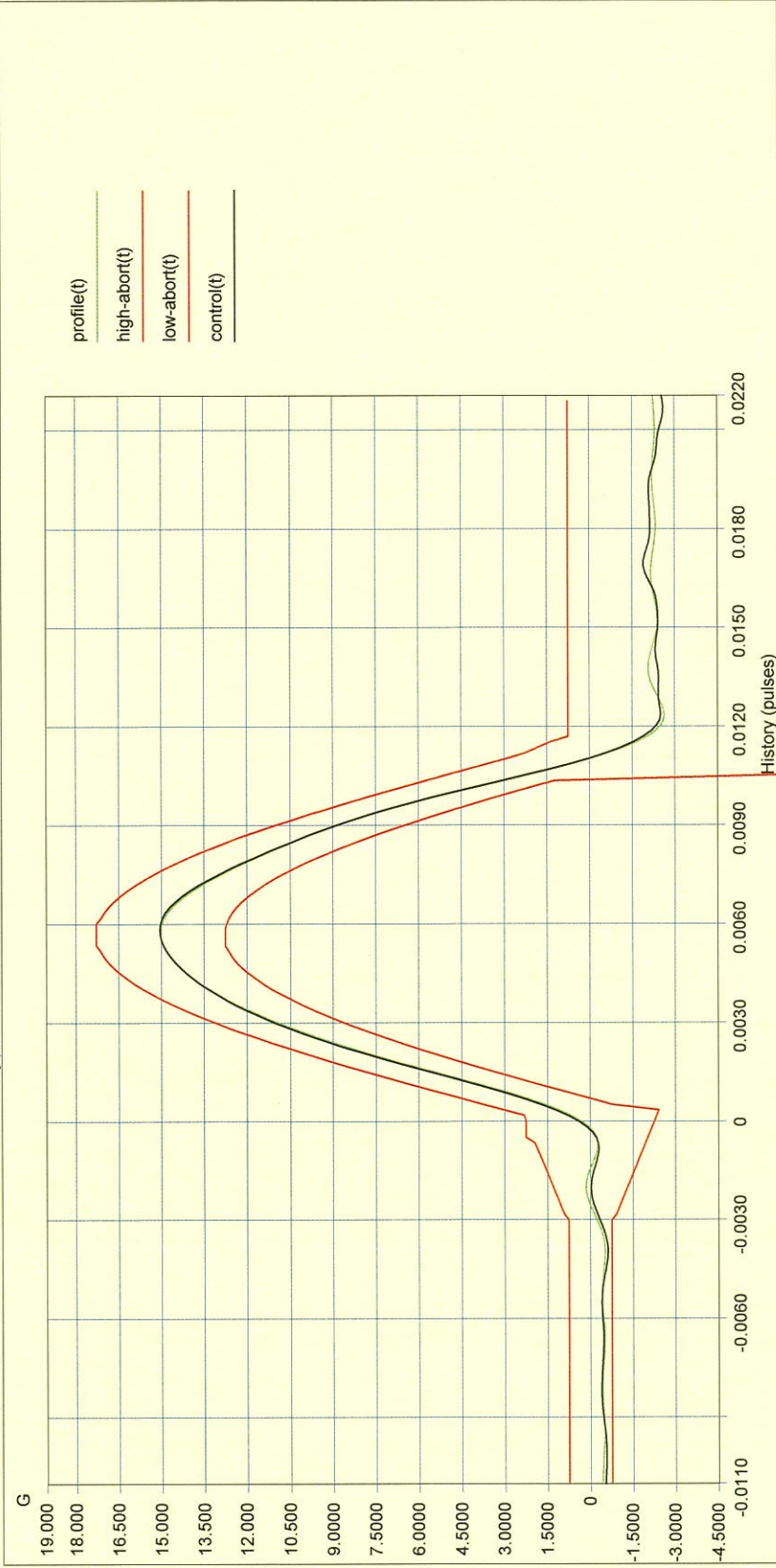
dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.491115 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

Data saved at 10:20:10 AM, Thursday, December 20, 2012 Report created at 10:20:10 AM, Thursday, December 20, 2012



Axis -Z  
 Project File Name: 15g 11mS.prj  
 Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Dec 20,2012 10-18-09



Level: 100 % Block Size: 4096 Elapsed Pulses: 13  
 Frame Time: 0.682667 Seconds Control Peak: 15.032426 G Control RMS: 1.509071 G Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.491115 G Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms  
 Data saved at 10:18:29 AM, Thursday, December 20, 2012 Report created at 10:18:29 AM, Thursday, December 20, 2012

**-END-**

