

TESTING / INSPECTION REPORT

REPORT NO : ST-090831-6

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 : AIS-Q452

DATE OF RECEIVED : 2009/08/31

DATE OF TESTED : 2009/08/31

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 10 pages, and no part of it may be abstracted or reproduced.

Test Engineer :

Witli Pong

Approval Signatory :

2009.9.1

David Lee

Laboratory Head :

Hsin Tai Chang

- This report is additional testing video CD.



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TEST ENVIRONMENT :

1. Vibration Tester : KING DESIGN KD-9363EM-600F2K-50N120,
S/N : KDS11054783
2. Controller : DACTRON FRONT-End Box, S/N:10941647
3. Control Accelerometer : B&K 4399, S/N:2158446

TEST ENVIRONMENT :

- Temperature : 22.3°C (25±10°C)
- Relative Humidity : 64.2%RH (60±20% RH)

SPECIMEN :

- Model : AIS-Q452
- Quantity : 1 piece

SHOCK TEST SPECIFICATION :

- Wave Form : Half sine wave
- 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	√	---	---
Appearance check	√	---	---

TESTING / INSPECTION REPORT

Testing photos (Operation)

AXIS X



AXIS -X



AXIS Y



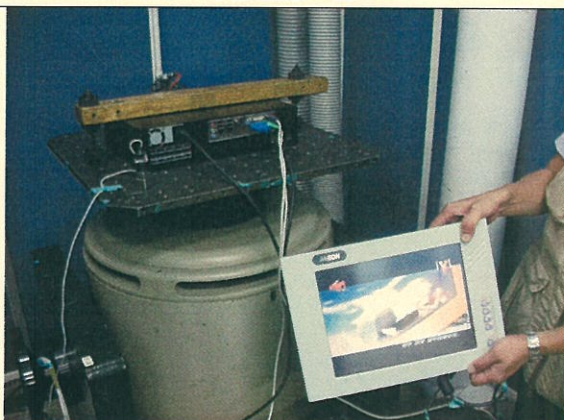
AXIS -Y



AXIS Z



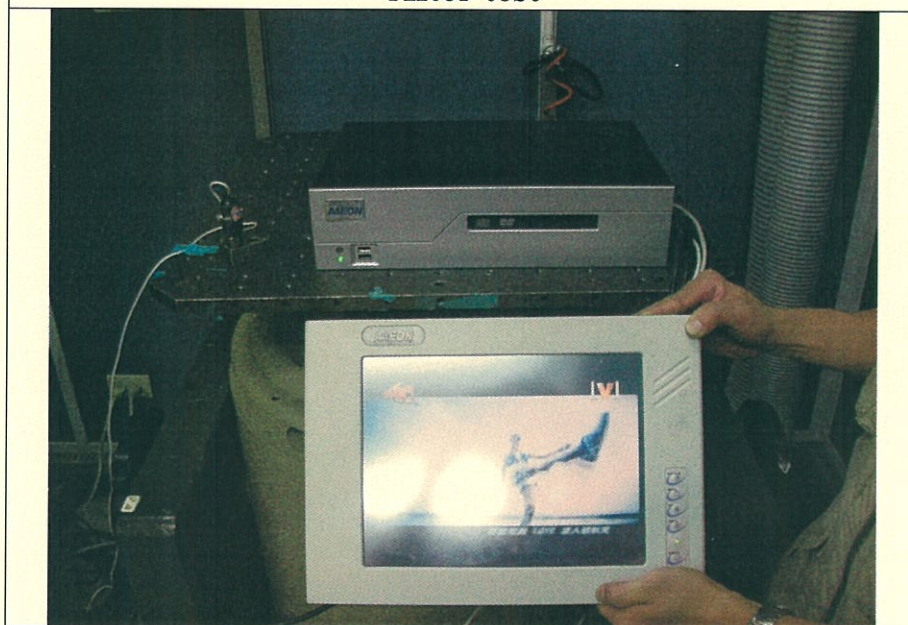
AXIS -Z



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Testing photos

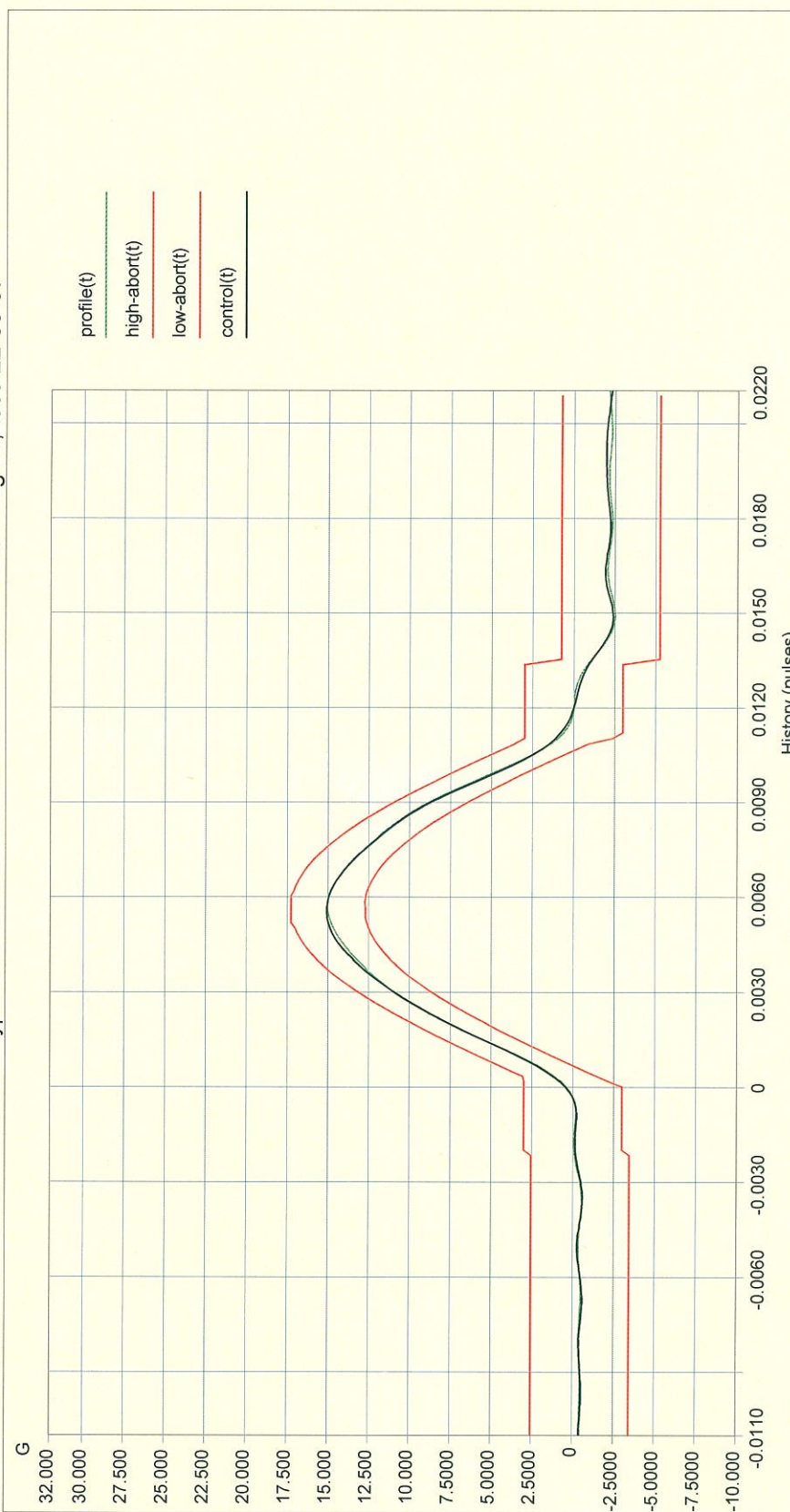
After test



Axis X

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Aug 31, 2009 22-00-37



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

Frame Time: 0.682667 Seconds Control Peak: 15.048534 G Control RMS: 1.495470 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.482155 G Remaining Pulses: 0

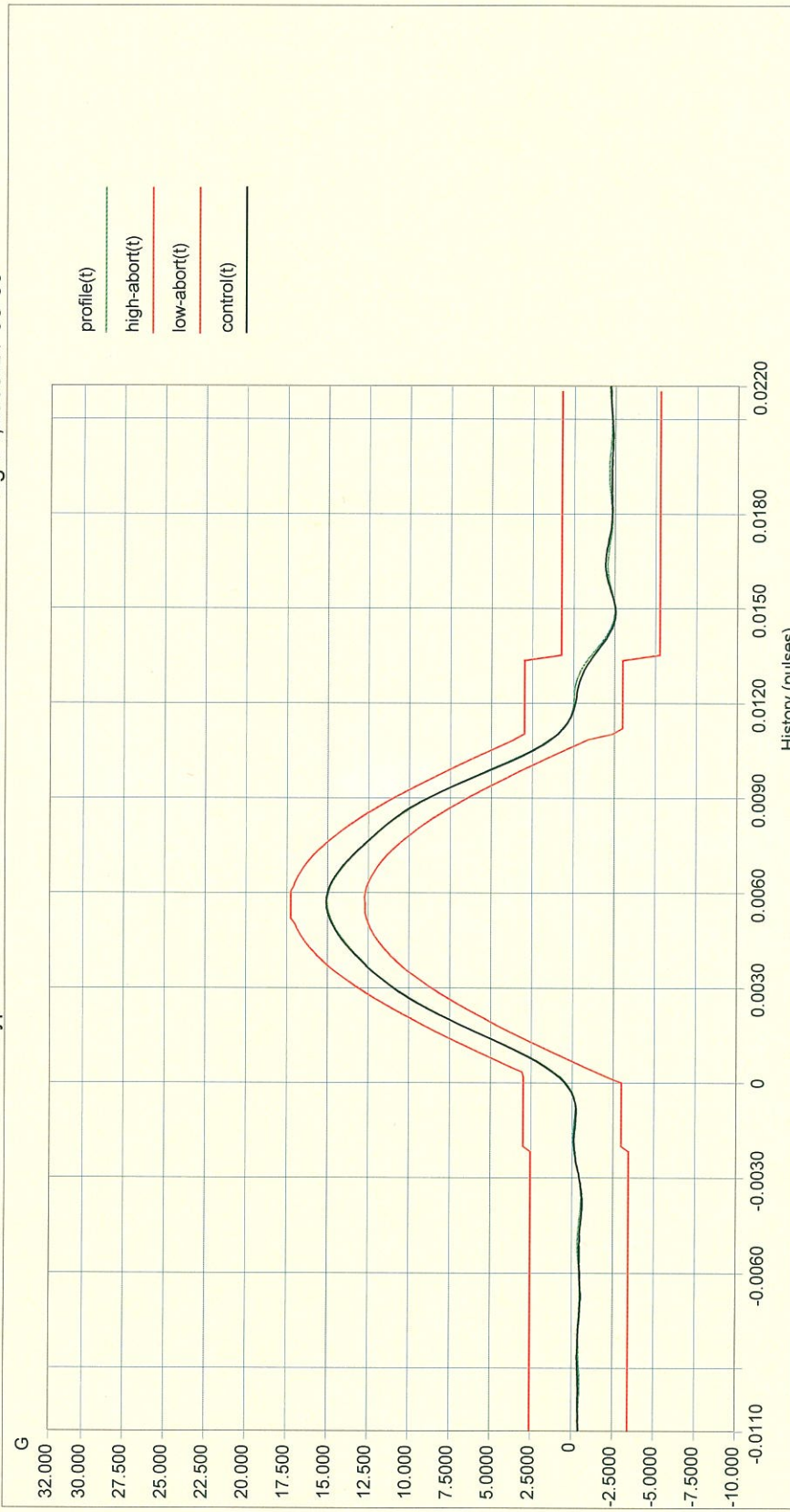
Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

Data saved at 10:01:04 PM, Monday, August 31, 2009 Report created at 10:01:05 PM, Monday, August 31, 2009

Axis -X

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: \Run Aug 31, 2009 21-58-39



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

Frame Time: 0.682667 Seconds Control Peak: 15.043009 G Control RMS: 1.497670 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.482155 G Remaining Pulses: 0

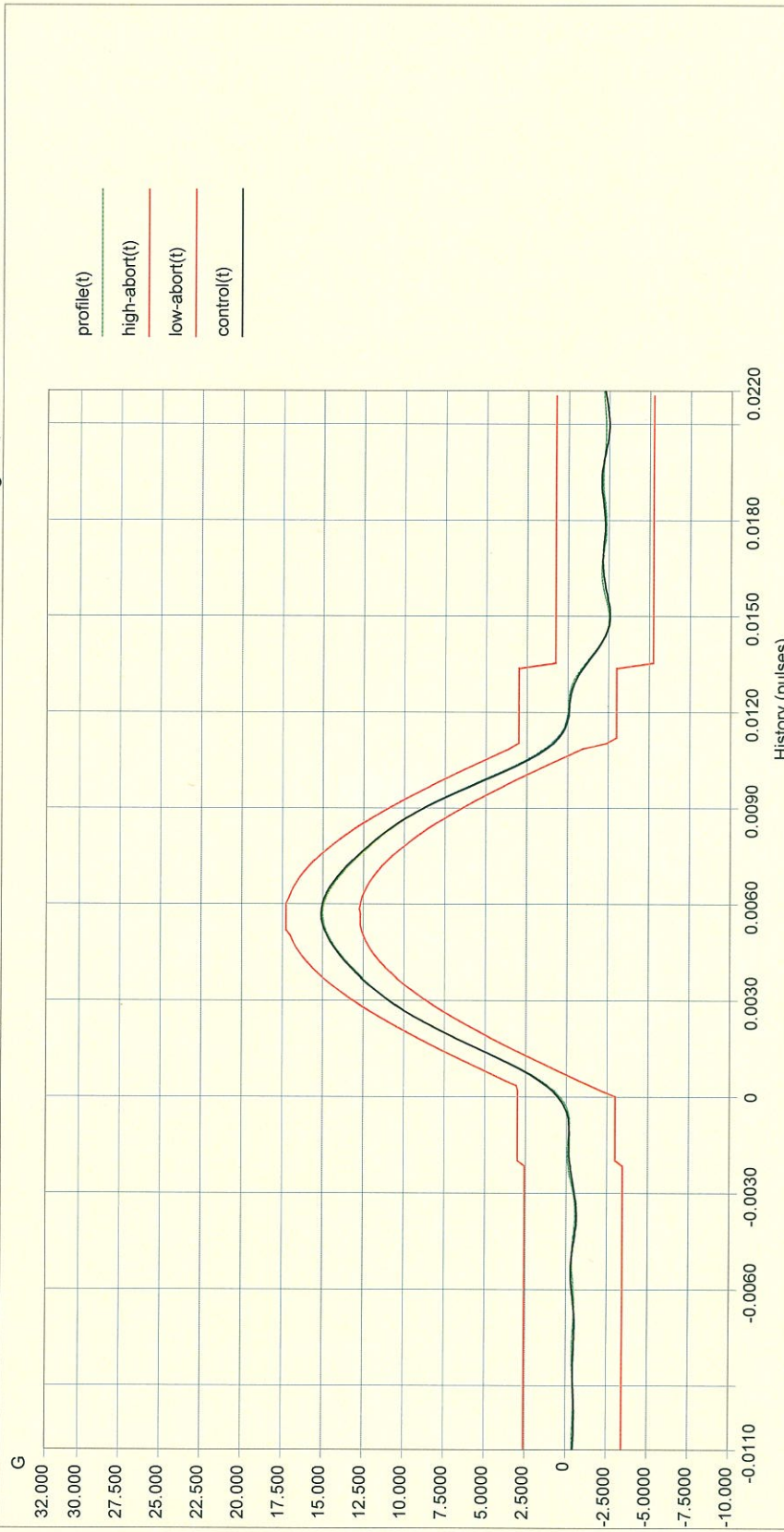
Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

Data saved at 09:59:04 PM, Monday, August 31, 2009 Report created at 09:59:05 PM, Monday, August 31, 2009

Axis Y

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Aug 31, 2009 21-52-10

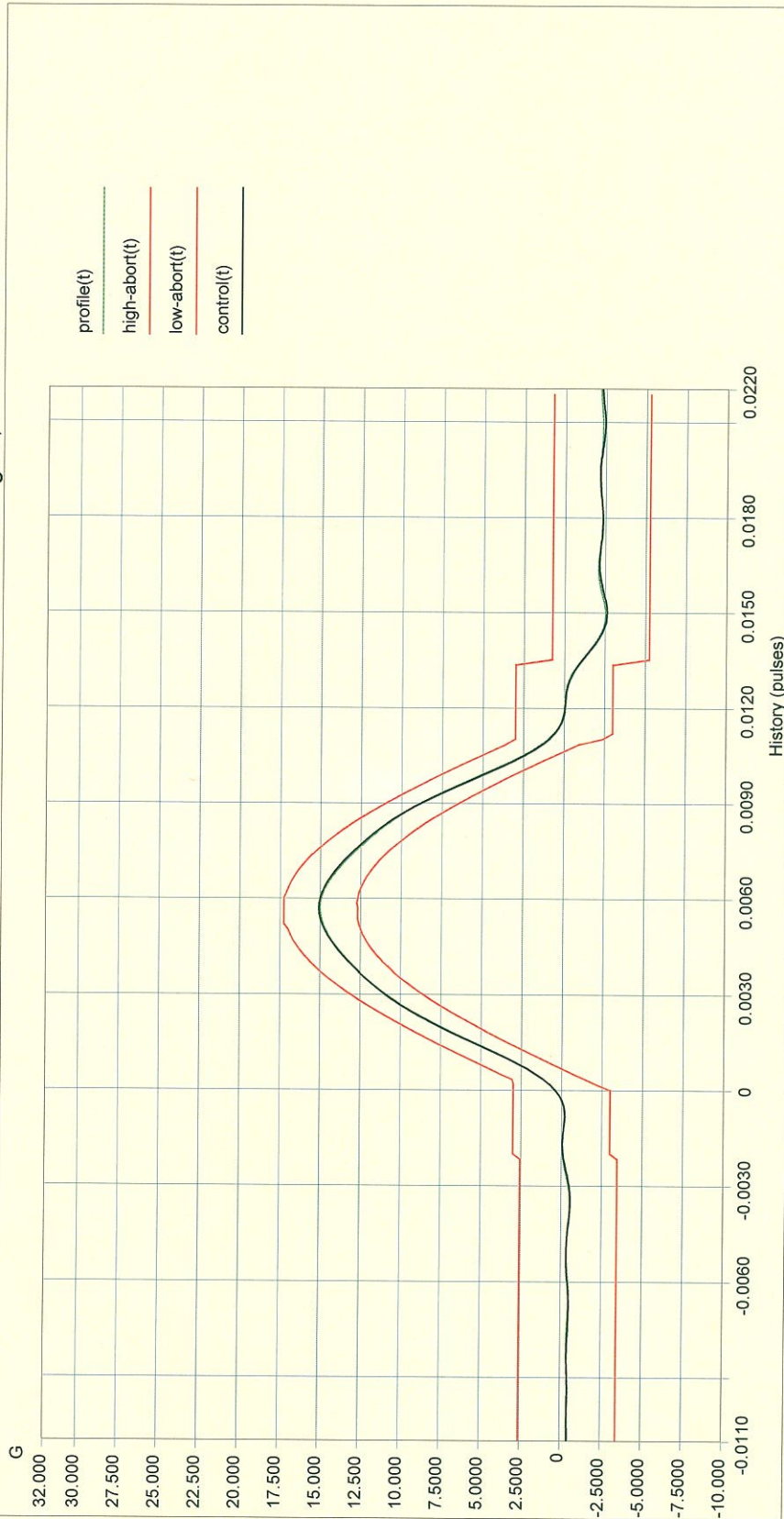


Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 15.079300 G Control RMS: 1.498998 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.482155 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
 Data saved at 09:52:35 PM, Monday, August 31, 2009 Report created at 09:52:35 PM, Monday, August 31, 2009

Axis -Y

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Aug 31, 2009 21-50-29



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

Frame Time: 0.682667 Seconds Control Peak: 15.059107 G Control RMS: 1.496812 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.482155 G Remaining Pulses: 0

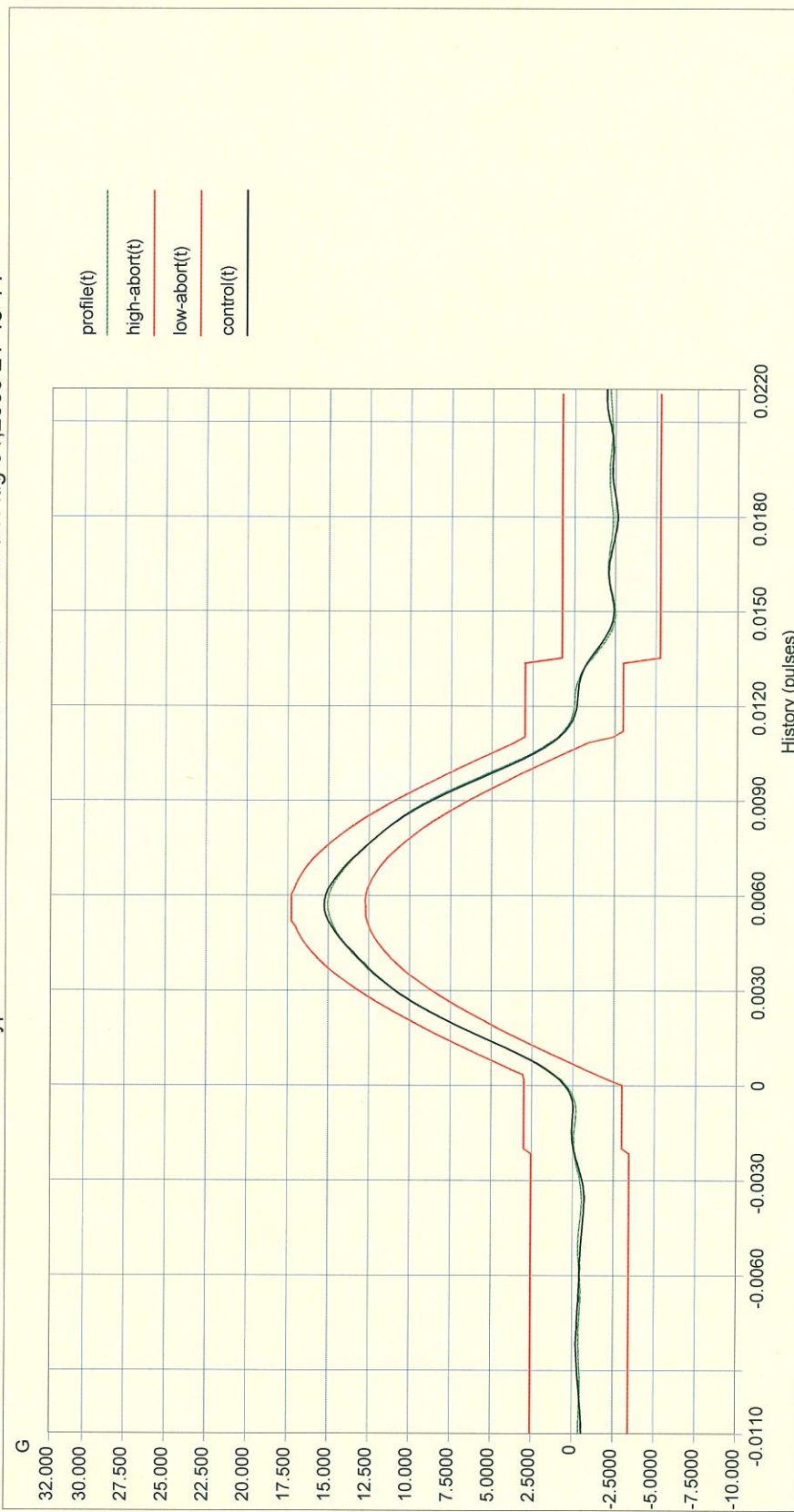
Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

Data saved at 09:50:53 PM, Monday, August 31, 2009 Report created at 09:50:54 PM, Monday, August 31, 2009

Axis Z

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: \Run Aug 31, 2009 21-48-14

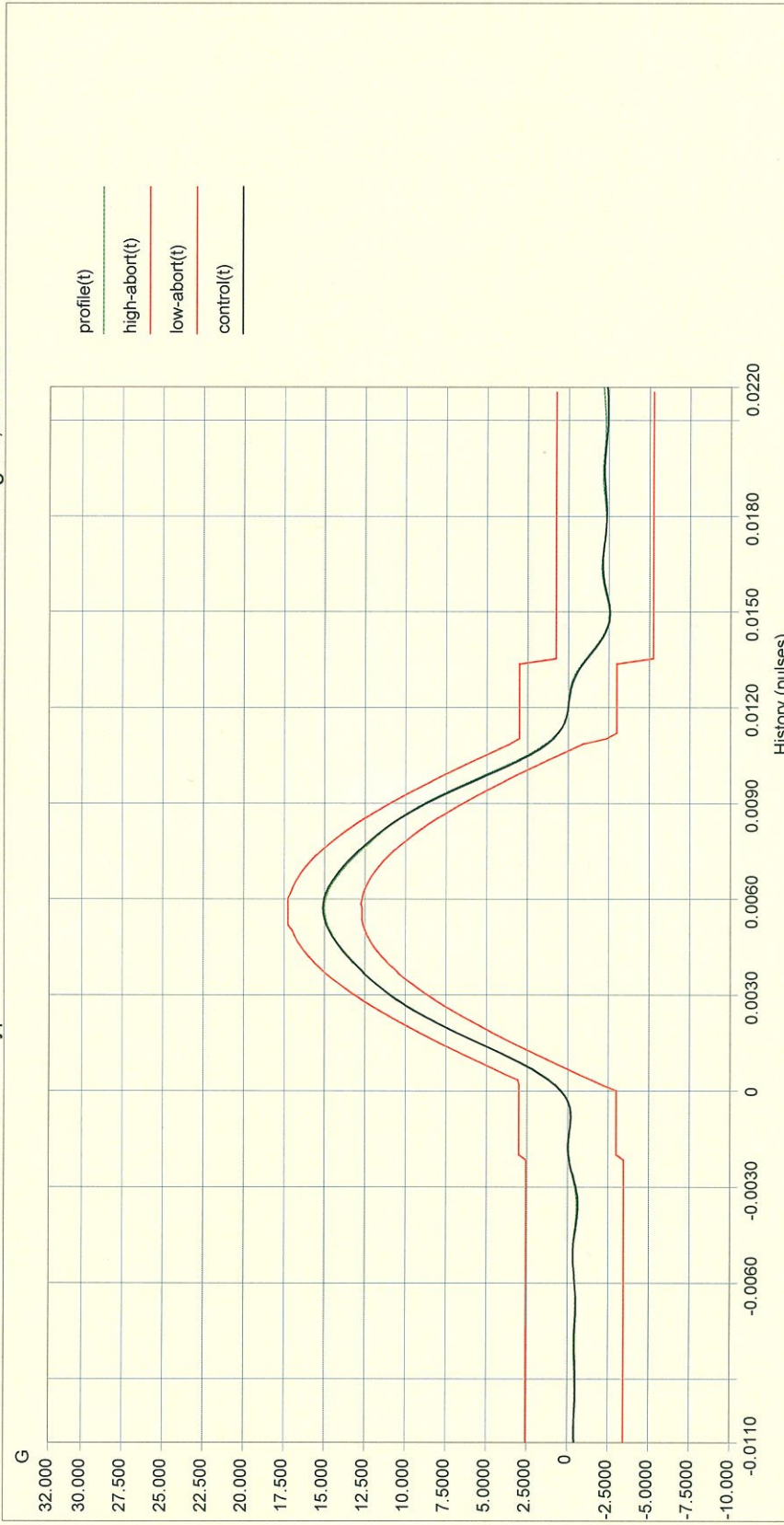


Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 15.211935 G Control RMS: 1.496930 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.482155 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
 Data saved at 09:48:39 PM, Monday, August 31, 2009 Report created at 09:48:39 PM, Monday, August 31, 2009

Axis -Z

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: \Run Aug 31, 2009 21-46-25



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

Frame Time: 0.682667 Seconds Control Peak: 15.070664 G Control RMS: 1.496481 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.482155 G Remaining Pulses: 0

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

Data saved at 09:46:49 PM, Monday, August 31, 2009 Report created at 09:46:55 PM, Monday, August 31, 2009

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