

TESTING / INSPECTION REPORT

REPORT NO : ST-090430-2

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SPECIMEN : ONYX-1X5X
DATE OF RECEIVED : 2009/04/29
DATE OF TESTED : 2009/04/29

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 :

Willy Peng

Approval Signatory :

David Lee

Laboratory Head :

Kein Tai Chang



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TEST ENVIRONMENT :

1. Shock Tester : KING DESIGN KD-9363EM-600F2K-50N120,
S/N : KDS11054986
2. Controller : DACTRON FRONT-End Box, S/N:4529465
3. Control Accelerometer : B&K 4399, S/N:2158445

TEST ENVIRONMENT :

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

SPECIMEN :

- Model : ONYX-1X5X
- Quantity : 1 piece

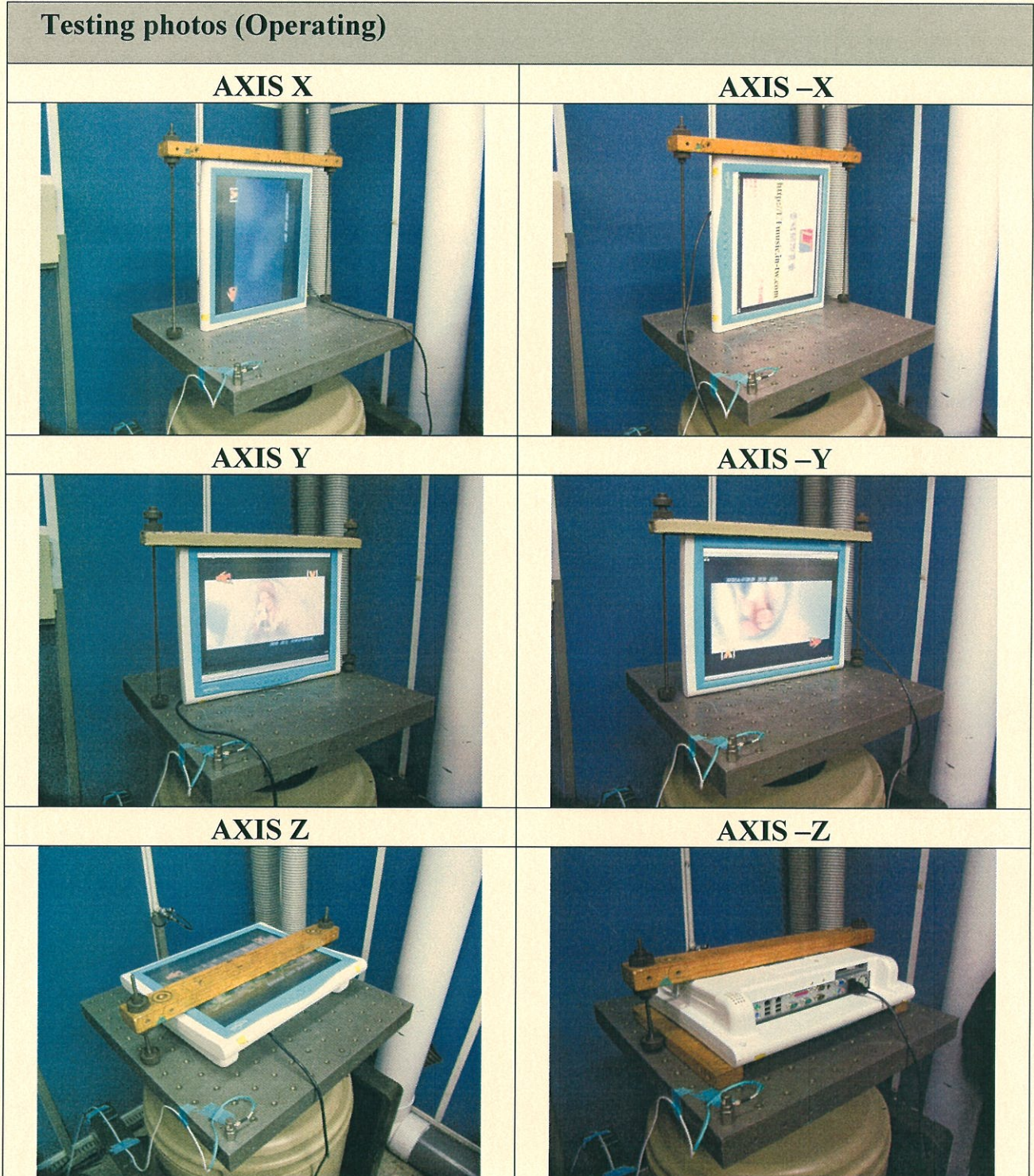
TEST SPECIFICATION :

- 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

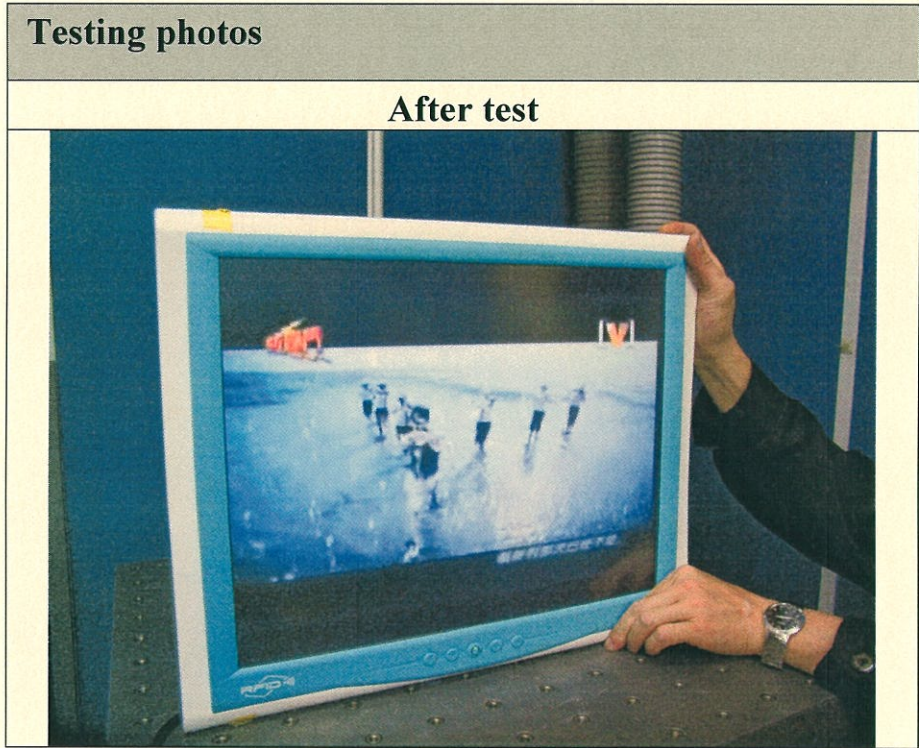
TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment	√	---	---
Appearance check	√	---	---

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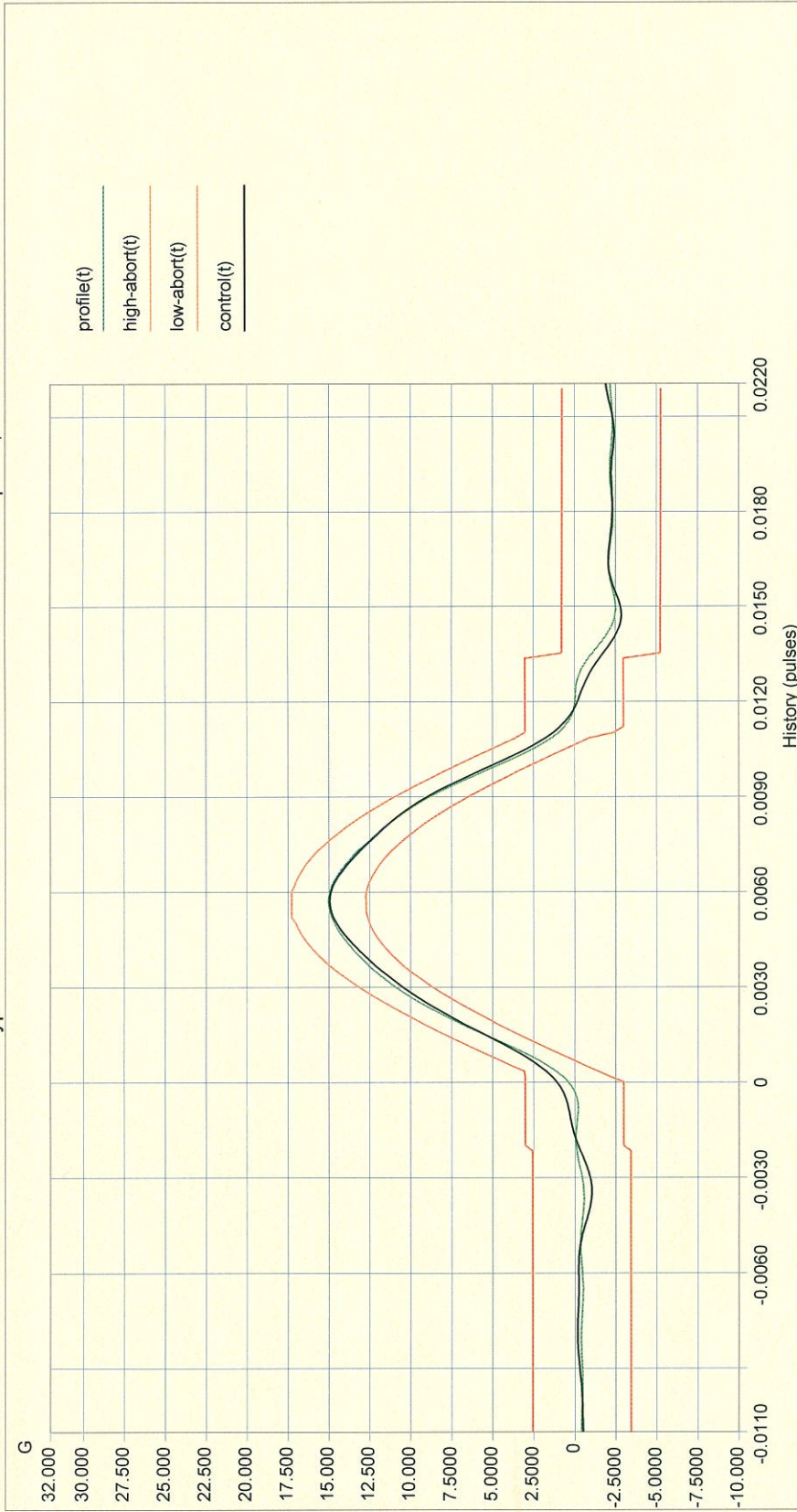
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Axis X

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Apr 29,2009 14-30-59

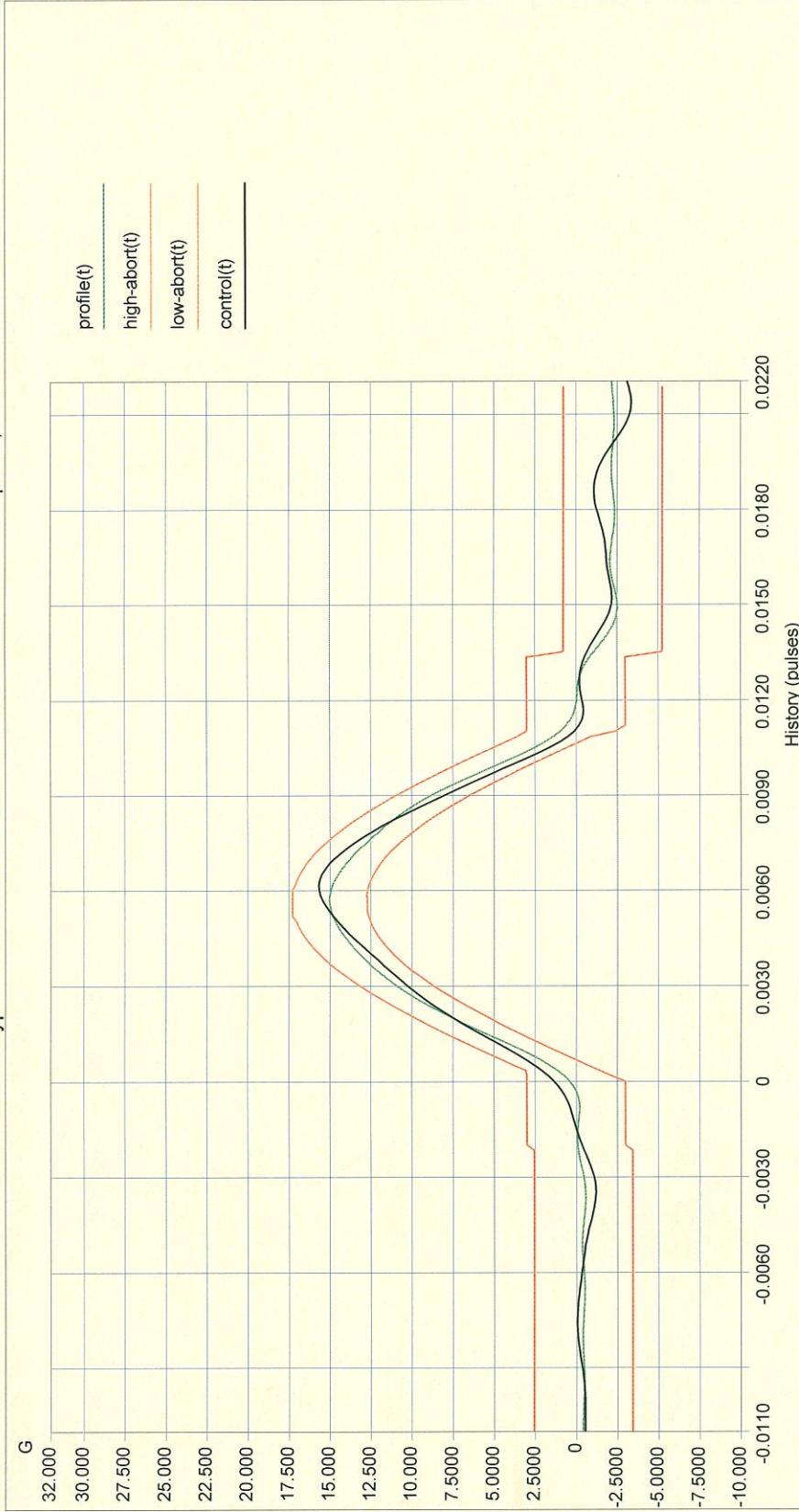


Level: 100 % Block Size: 4096 Elapsed Pulses: 13
 Frame Time: 0.682667 Seconds Control Peak: 14.937390 G Control RMS: 1.501466 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.482155 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms
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Axis -X

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec Test Type: Classical Shock Run Folder: .\Run Apr 29,2009 14-28-46



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

Frame Time: 0.682667 Seconds Control Peak: 15.663095 G Control RMS: 1.509215 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

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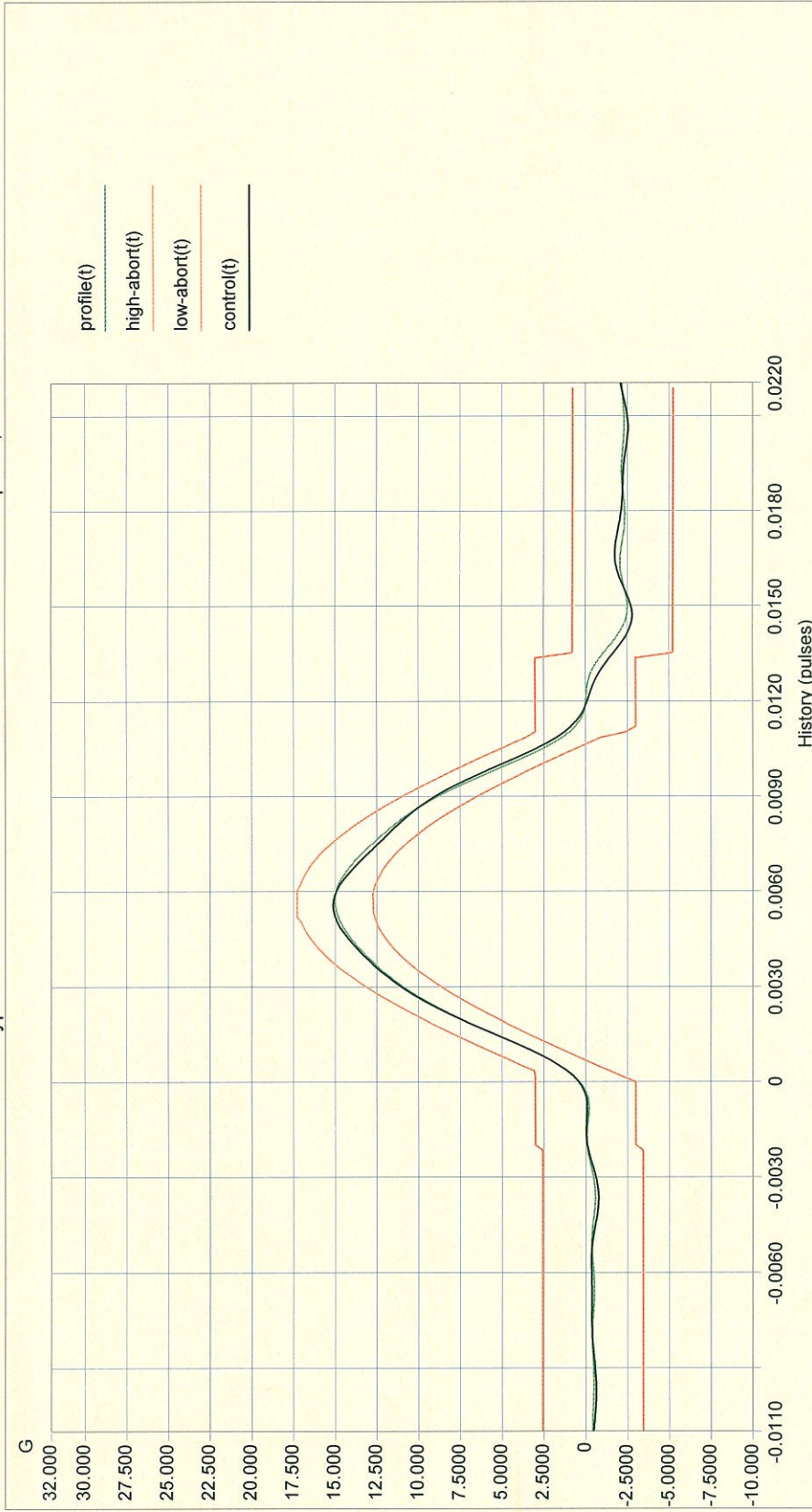
Axis Y

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Apr 29,2009 14-25-55



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

Frame Time: 0.682667 Seconds Control Peak: 15.112045 G Control RMS: 1.499044 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

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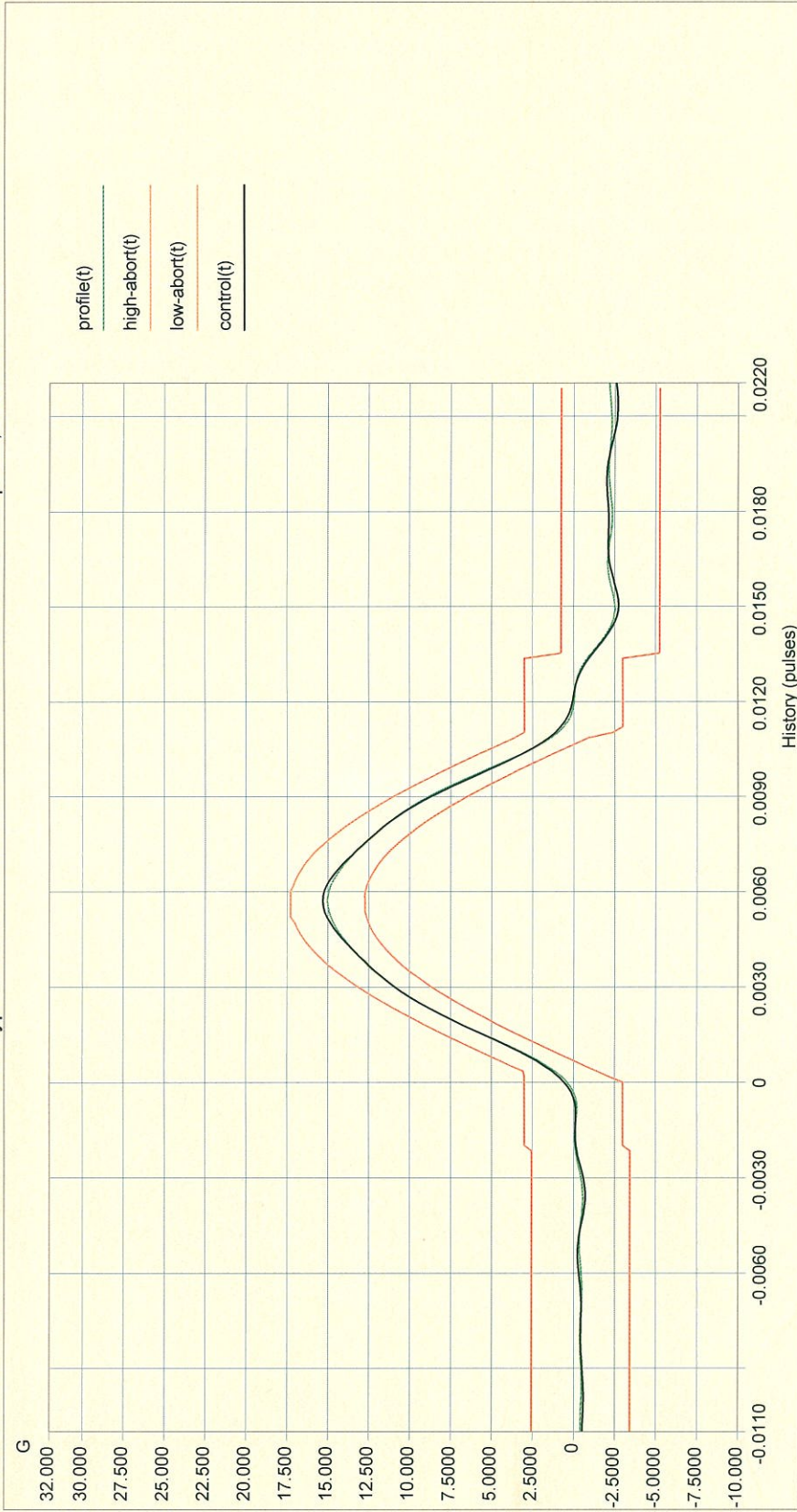
Axis -Y

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Apr 29, 2009 14-24-26



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

Frame Time: 0.682667 Seconds Control Peak: 15.302258 G Control RMS: 1.503274 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

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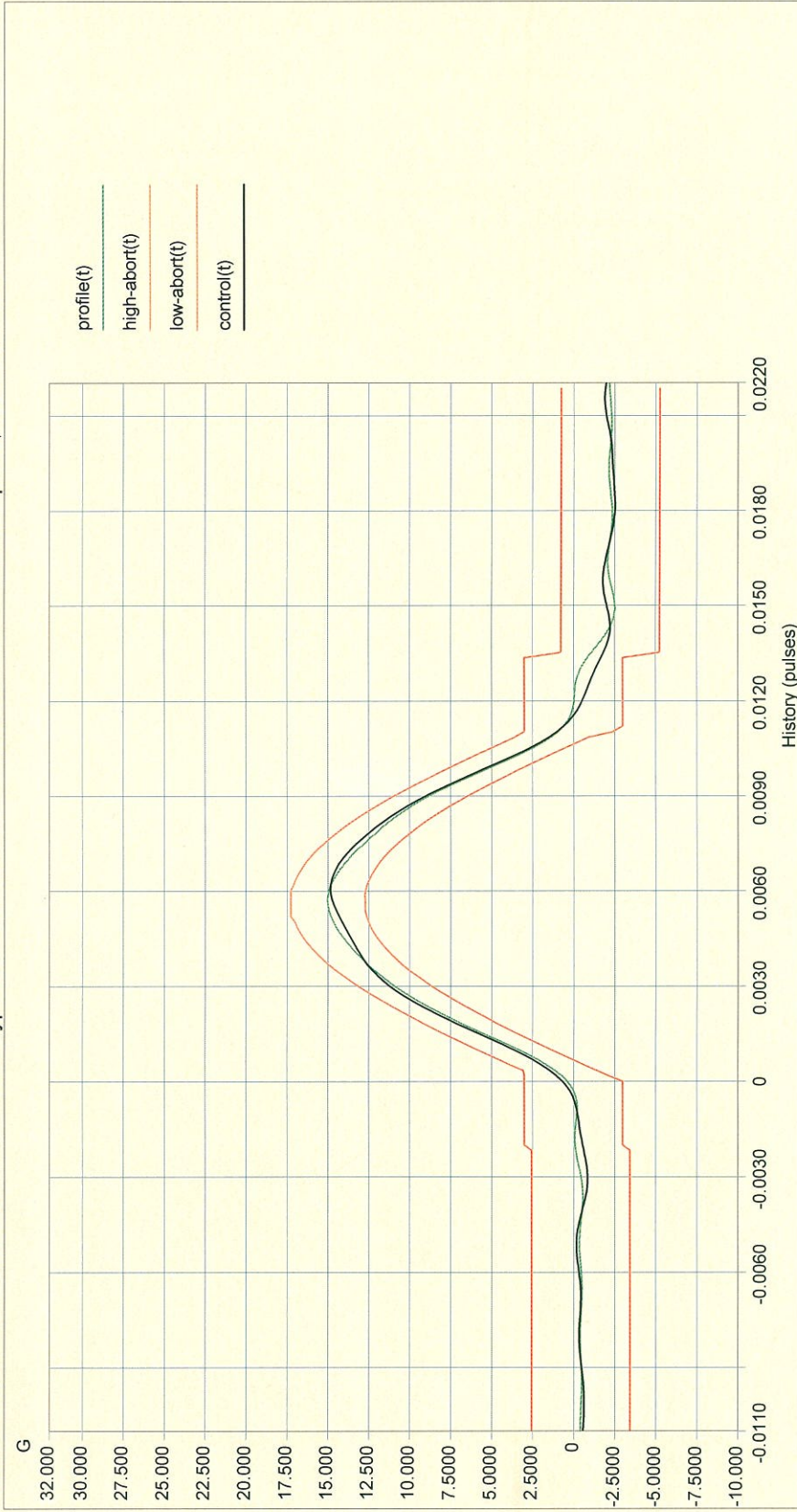
Axis Z

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Apr 29,2009 14-21-30



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

Frame Time: 0.682667 Seconds Control Peak: 14.823521 G Control RMS: 1.505367 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

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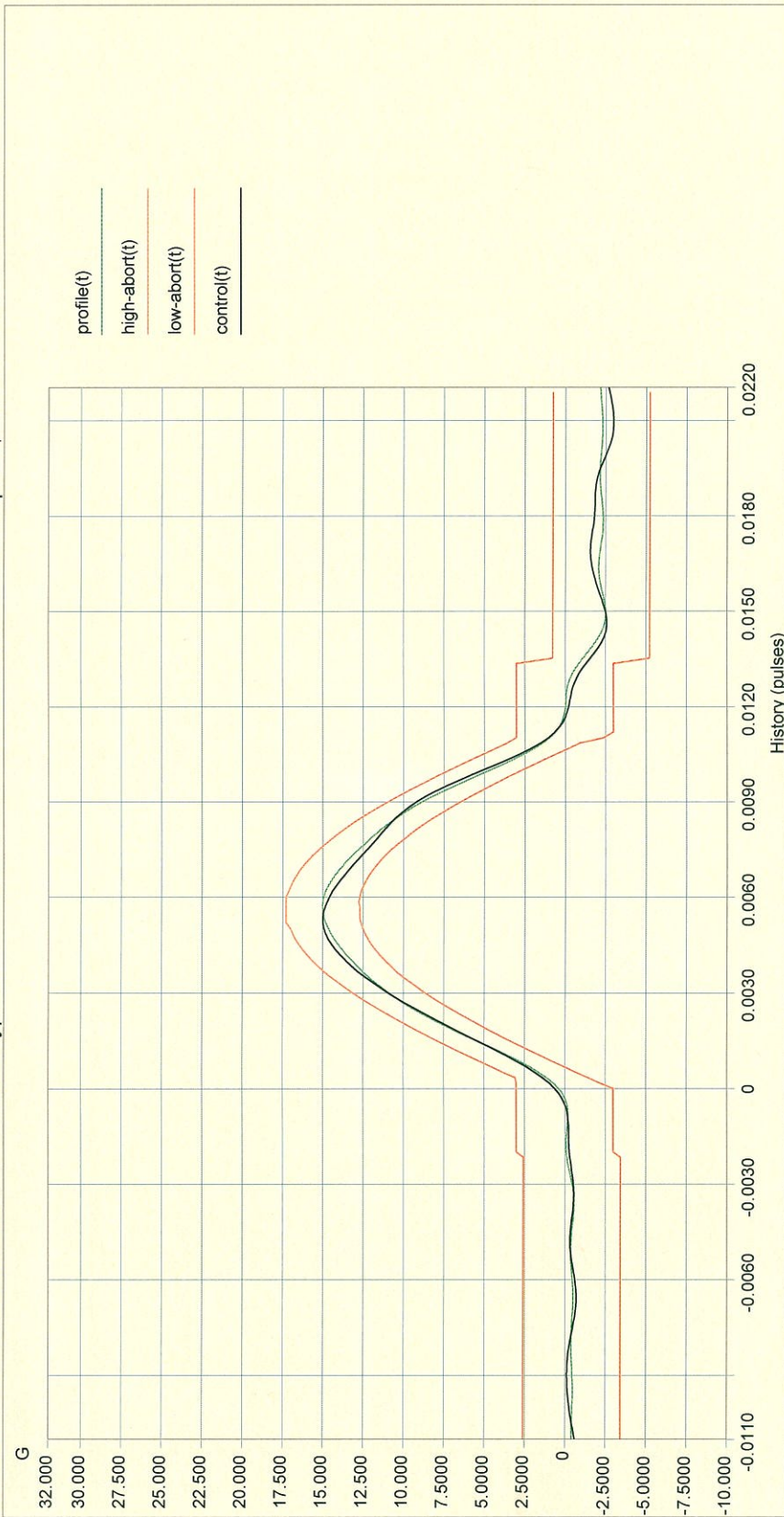
Axis -Z

Project File Name: 15g 11ms.prj

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Apr 29,2009 14-17-26



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

Frame Time: 0.682667 Seconds Control Peak: 14.983691 G Control RMS: 1.520390 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 02:19:38 PM, Wednesday, April 29, 2009 Report created at 02:19:39 PM, Wednesday, April 29, 2009

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