

KING DESIGN INDUSTRIAL CO., LTD.

VIBRATION TEST LABORATORY

4F, 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

http://www.kdi.tw
http://www.vibration.com.tw
E-mail:service@kdi.tw

TESTING / INSPECTION REPORT

REPORT NO : ST-130823-3

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 : ACD-521R
DATE OF RECEIVED : 2013/08/22
DATE OF TESTED : 2013/08/22

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 Pew</i>	
Approval Signatory : <i>David Lee</i>	Laboratory Head : <i>Chang</i>

2013. 8. 27



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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 | : ACD-521R |
| Quantity | : 1 unit |

TEST SPECIFICATION :

As per applicant's requirement

- | | |
|-----------------|------------------------------|
| Wave Form | : Half Sine wave (Operating) |
| Acceleration | : 20 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)—Booting function was normal after the test.			
(2)—No visible damages were found.			

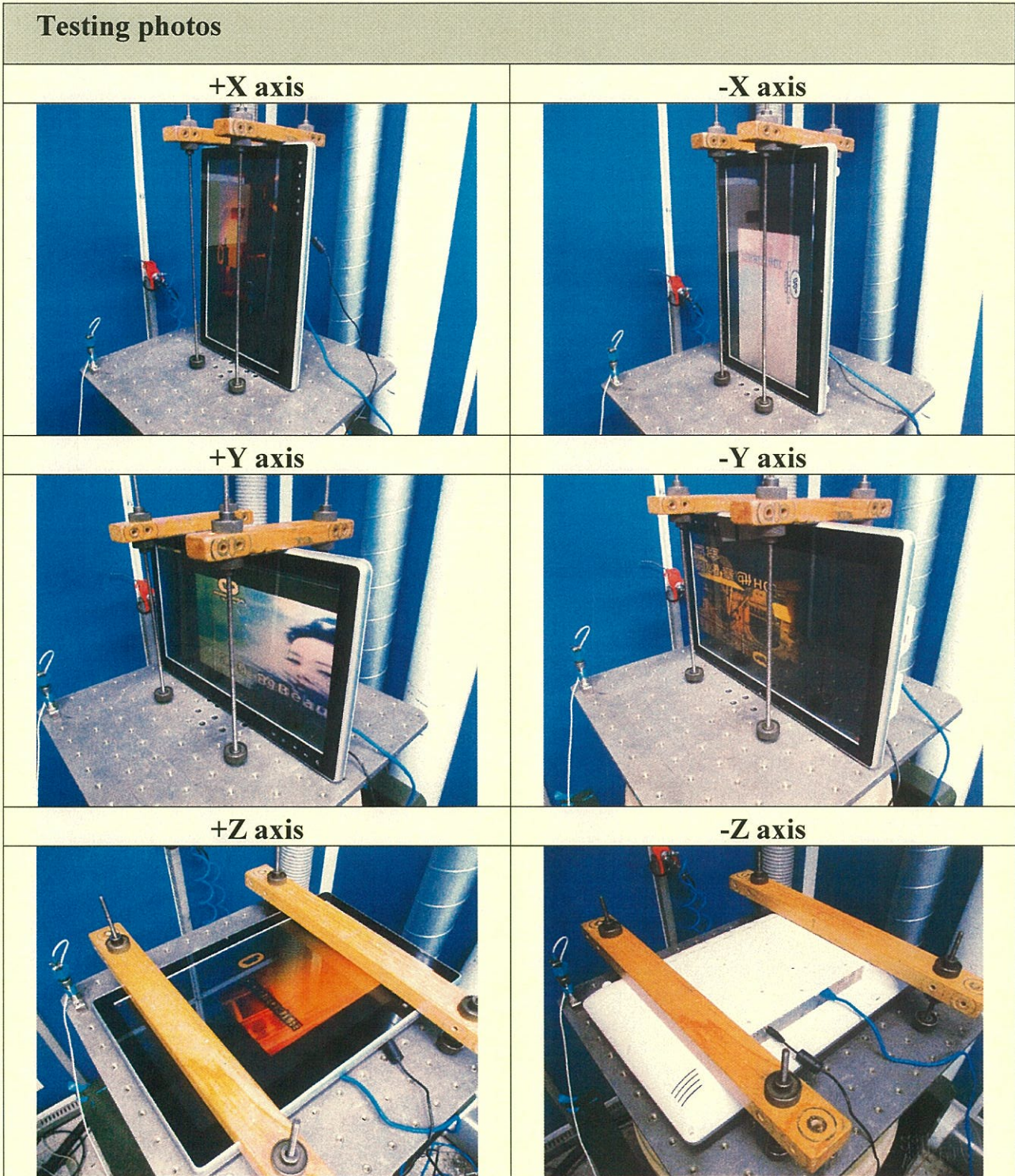
TESTING / INSPECTION REPORT

Testing photos

Tester



TESTING / INSPECTION REPORT



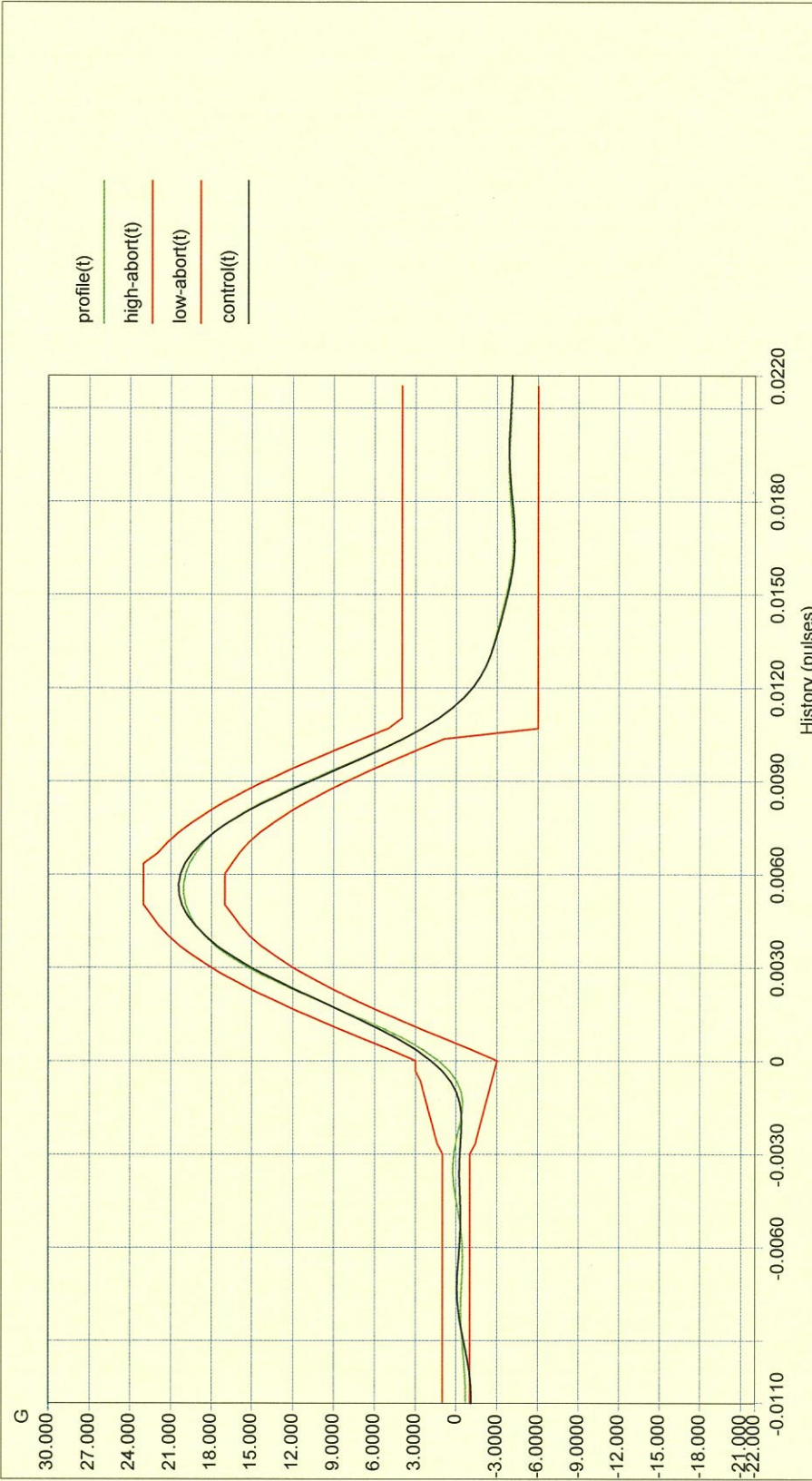
TESTING / INSPECTION REPORT

Testing photos

After test



+X axis
 Project File Name: 20g 11mS.prj
 Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Aug 22, 2013 15-27-15

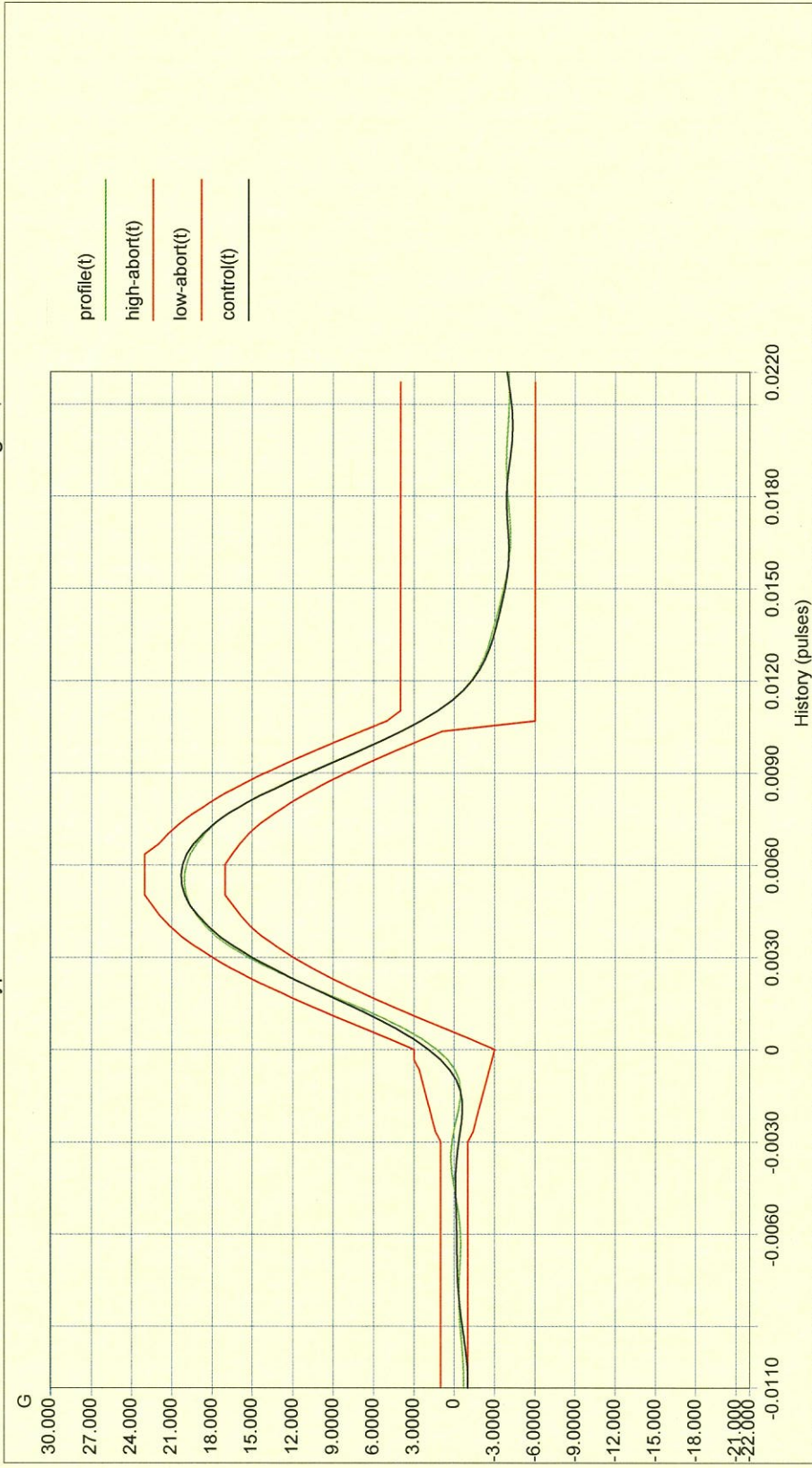


Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.383593 G Control RMS: 2.069629 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

-X axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Aug 22, 2013 15-30-48

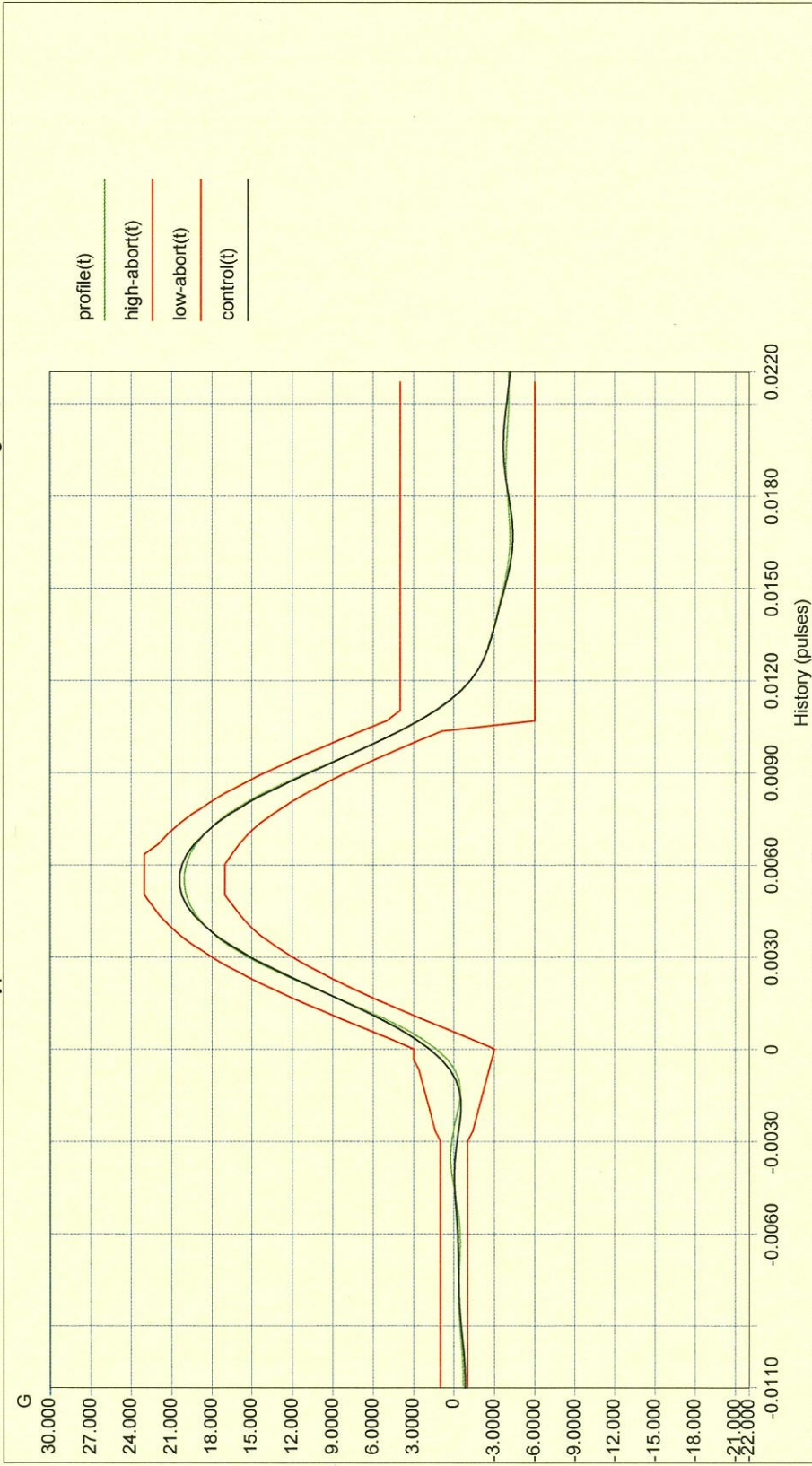


Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.264702 G Control RMS: 2.072231 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

+Y axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Aug 22, 2013 15-17-29



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.381189 G Control RMS: 2.064596 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

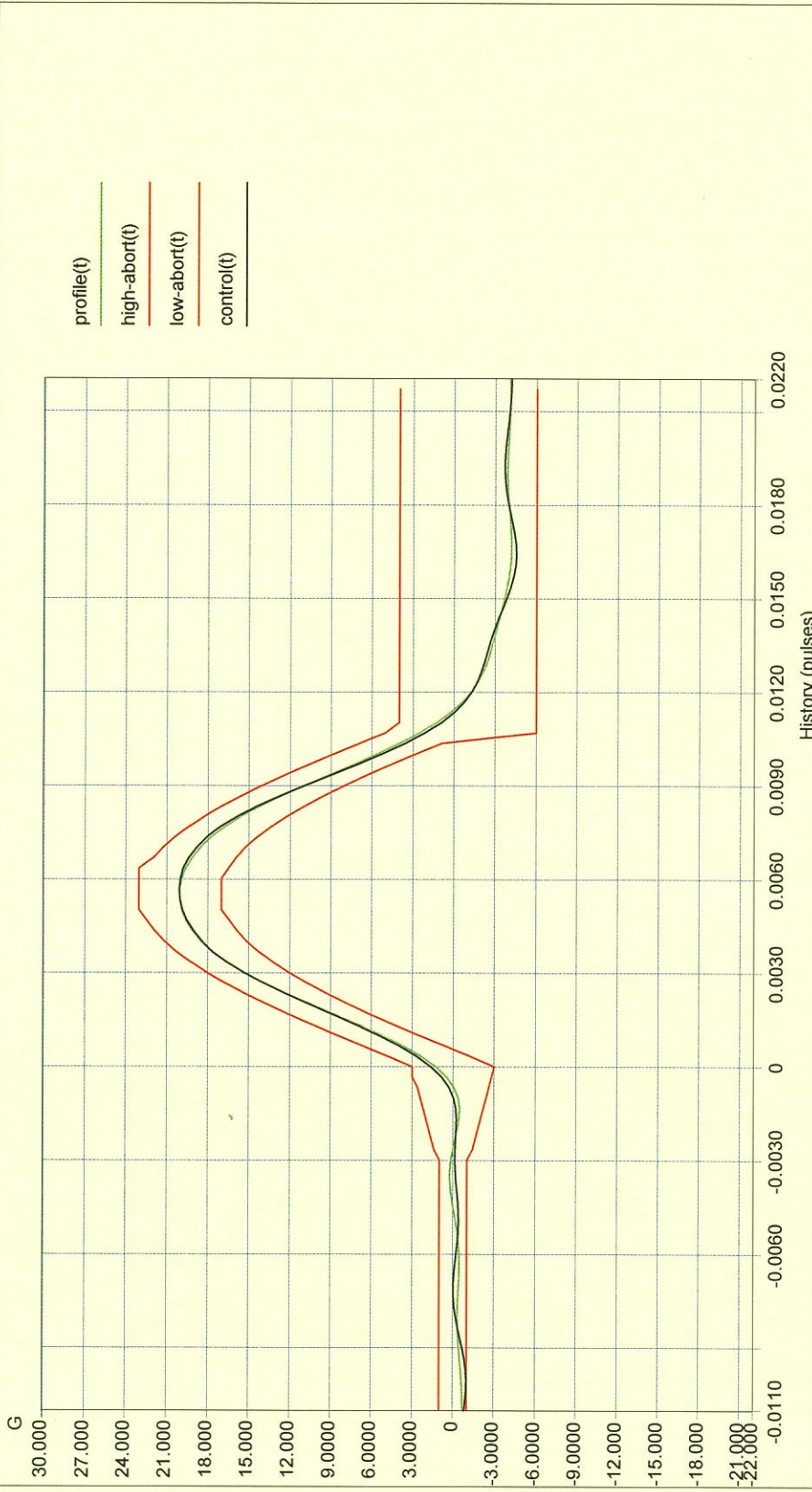
-Y axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Aug 22,2013 15-20-45



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.036316 G Control RMS: 2.066243 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

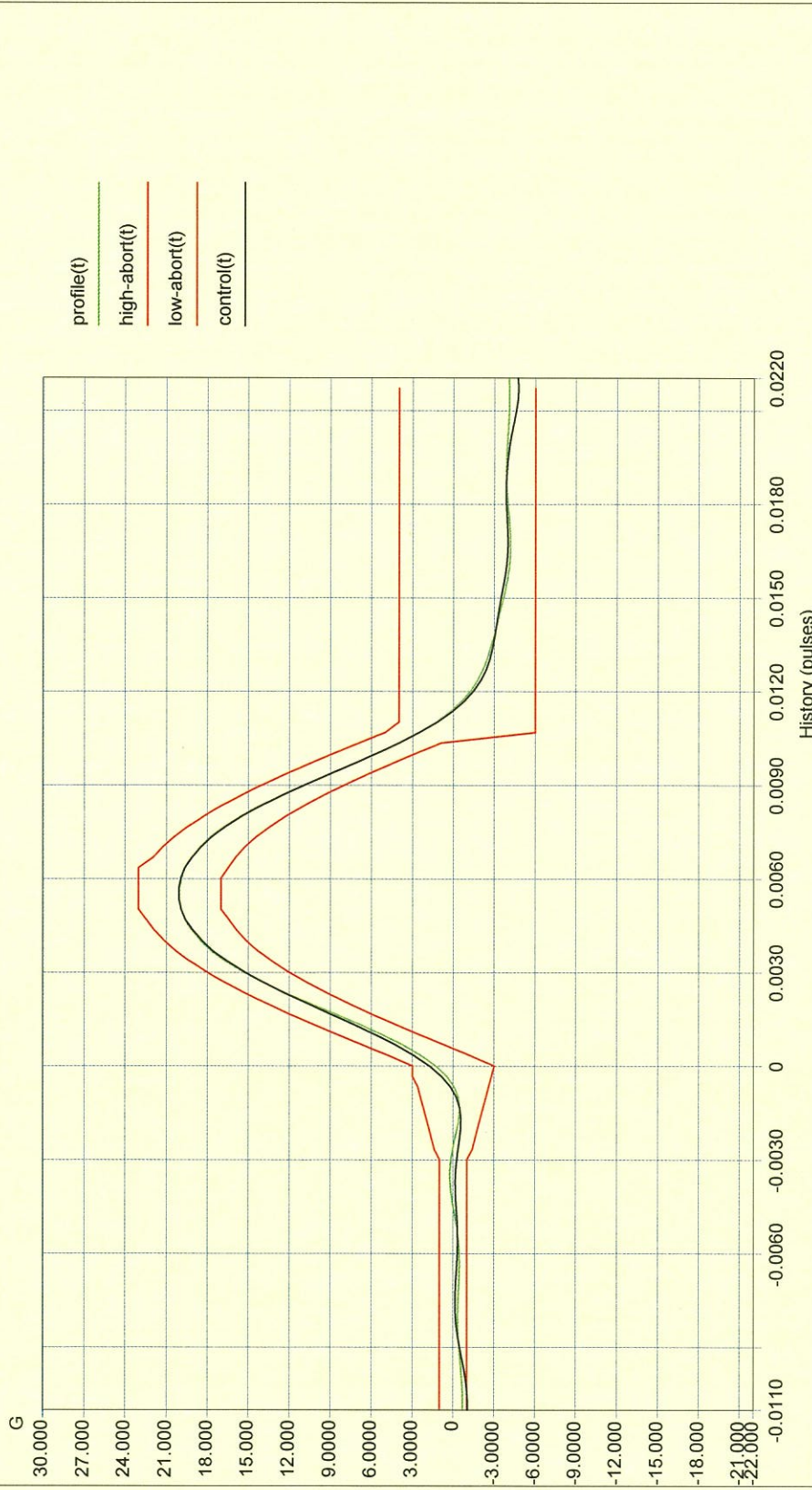
+Z axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Aug 22,2013 15-12-35



Level: 100 % Block Size: 2048 Elapsed Pulses: 11

Frame Time: 0.682667 Seconds Control Peak: 20.056194 G Control RMS: 2.063429 G Full Level Elapsed Pulses: 3

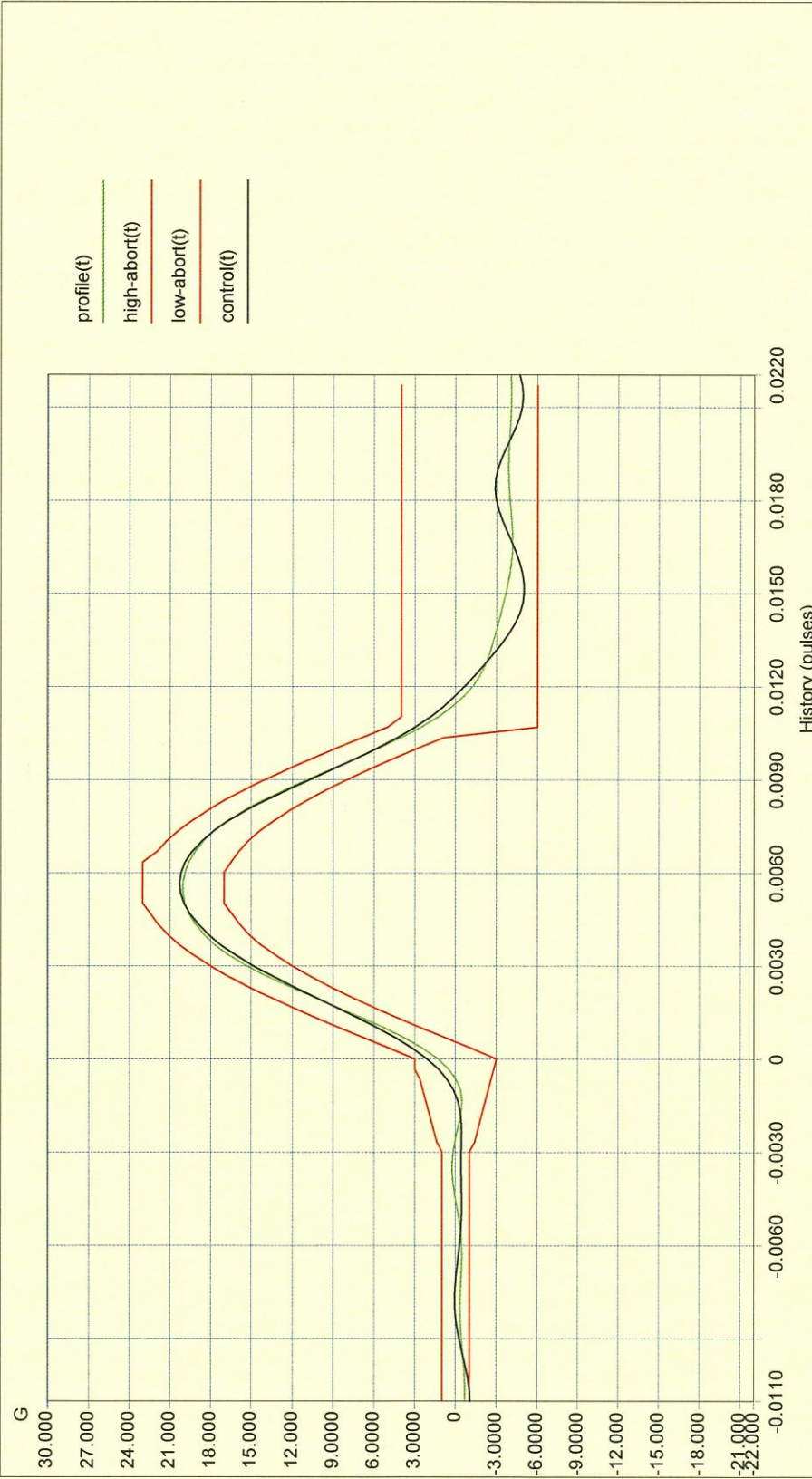
dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

-Z axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Aug 22,2013 15-03-07



Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.682667 Seconds Control Peak: 20.257549 G Control RMS: 2.073284 G
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms
 -END-