

TESTING / INSPECTION REPORT

REPORT NO : ST-120627-1

COMPANY : AAEON Technology Inc.

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TEL : 886-2-8919-1234

FAX : 886-2-8919-1049

SPECIMEN : TKS-G50-QM77 (with HDD)

DATE OF RECEIVED : 2012/06/21

DATE OF TESTED : 2012/06/21

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.

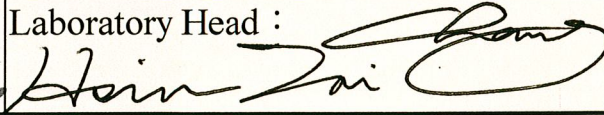
Test Engineer :



Approval Signatory :

2012. 6. 28. 

Laboratory Head :



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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:4208

TEST ENVIRONMENT :

- Temperature : 23.5°C (25±10°C)
- Relative Humidity : 54%RH (50±25% RH)

SPECIMEN :

- Model : TKS-G50-QM77 (with HDD)
- 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

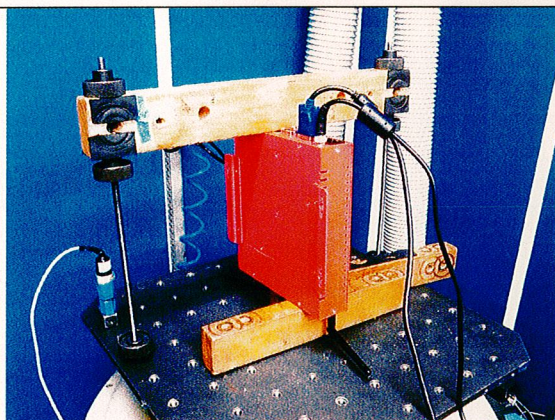
TEST RESULT :

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

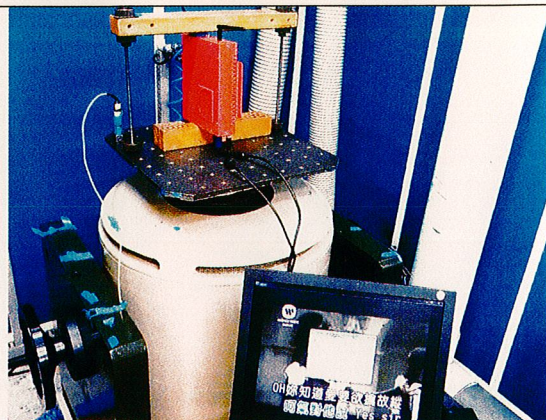
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Testing photos

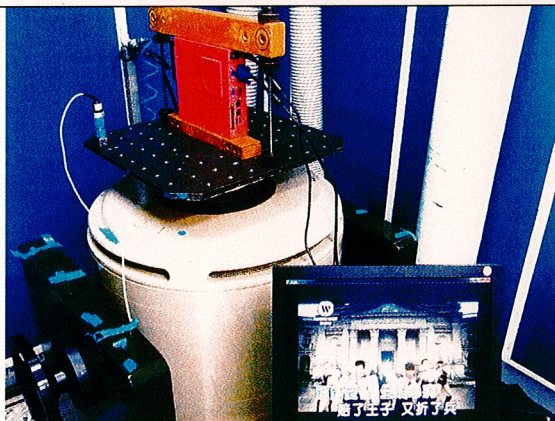
AXIS +X



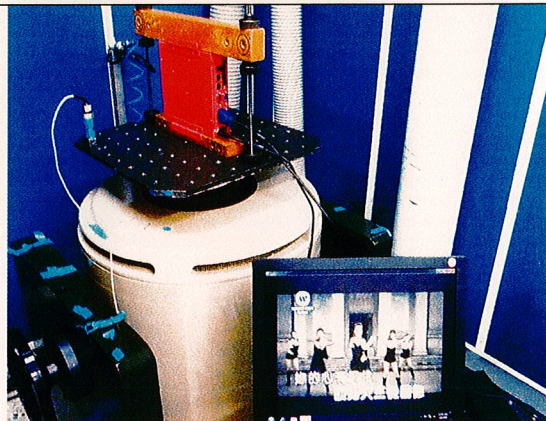
AXIS -X



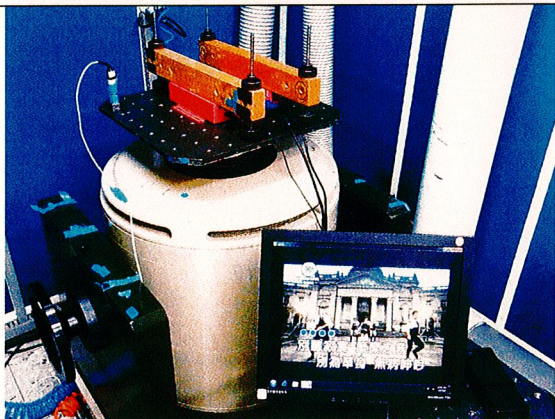
AXIS +Y



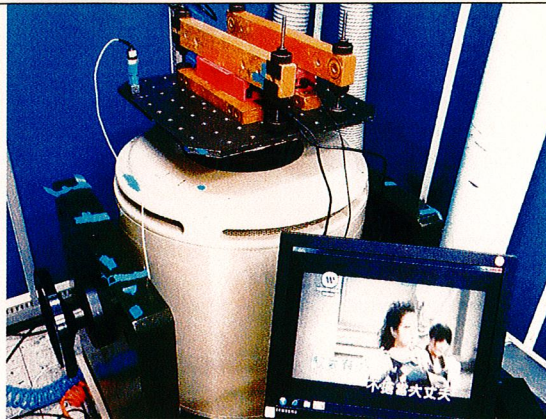
AXIS -Y



AXIS +Z



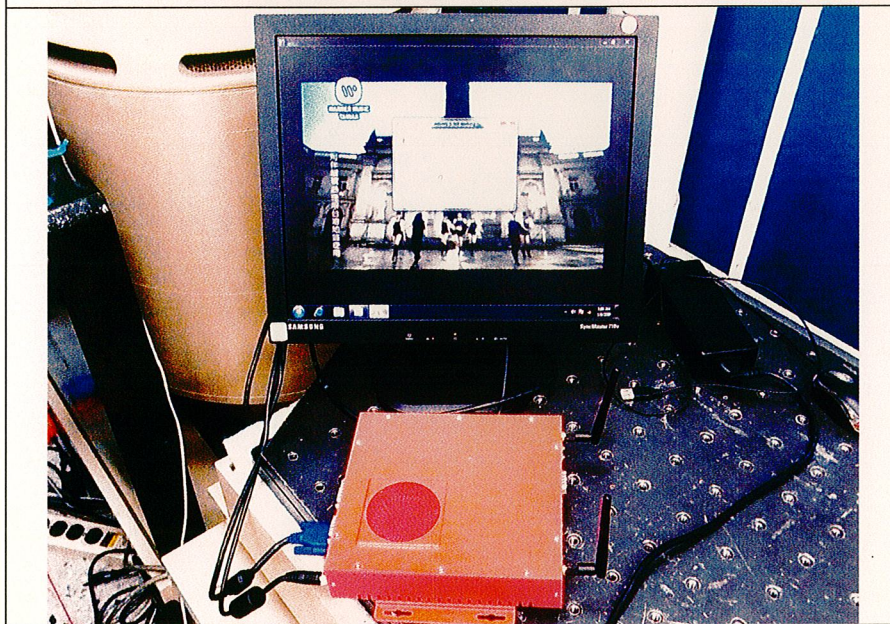
AXIS -Z



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Testing photos

After test



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TEL: 886-2-2662-5100 FAX: 886-2-2662-3094

RELIABILITY TEST LABORATORY

<http://www.kdi.tw>

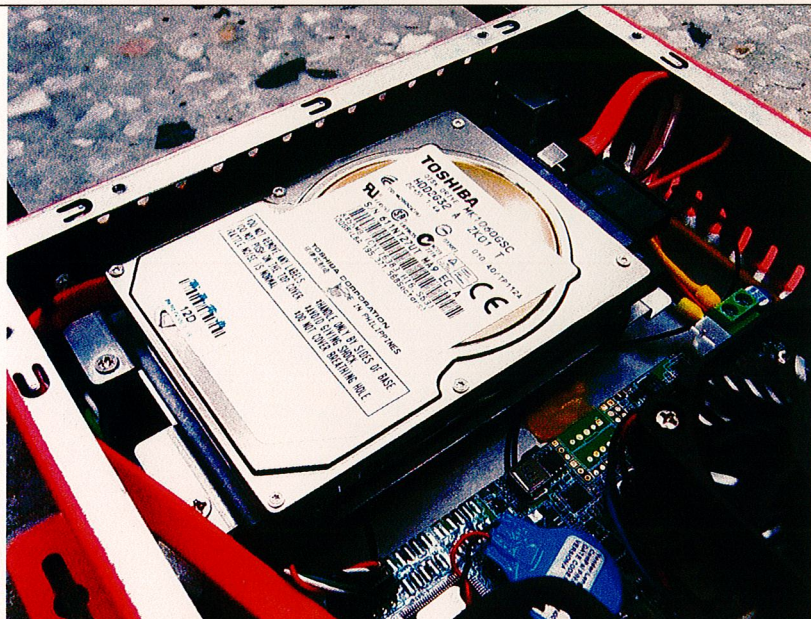
<http://www.vibration.com.tw>

E-mail: service@kdi.tw

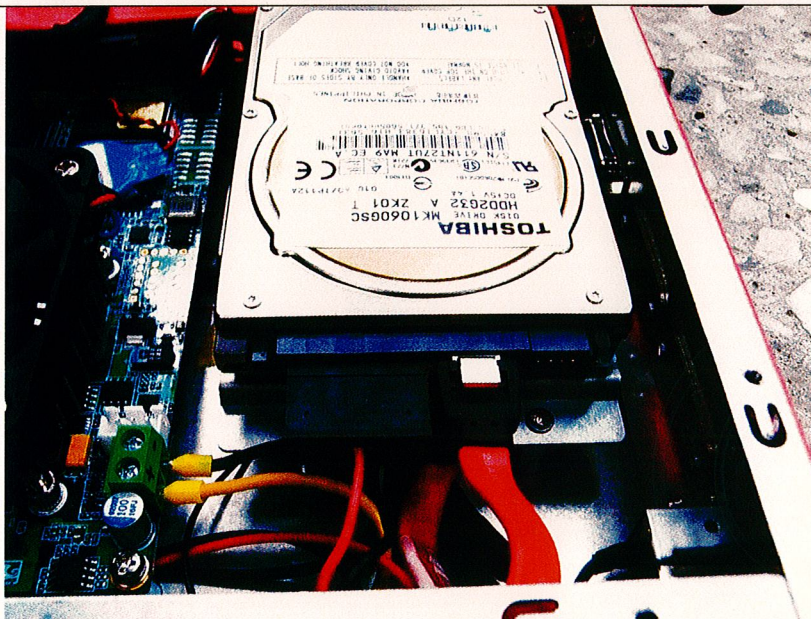
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Testing photos

After test



After test

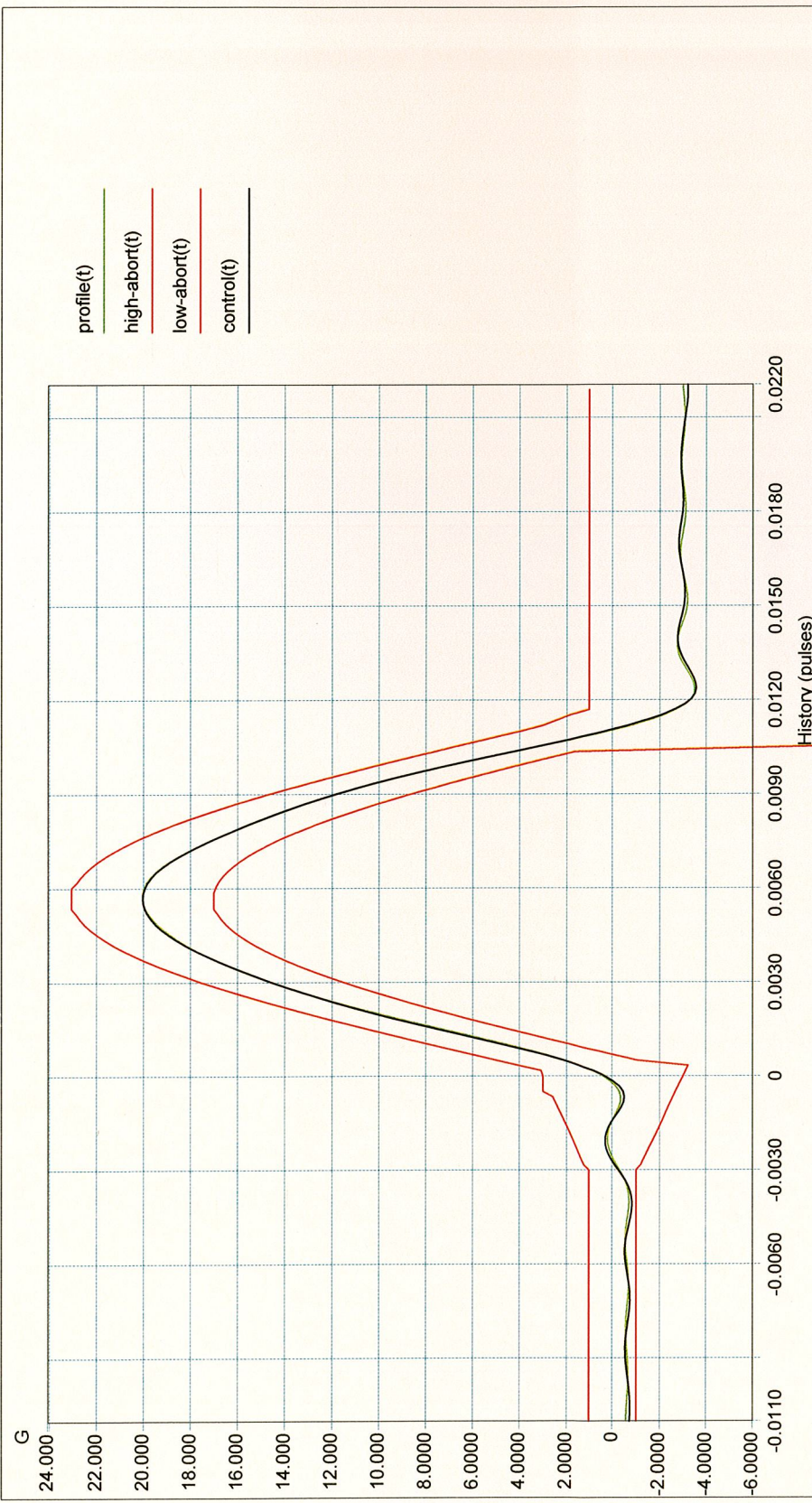


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+X Axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: \Run Jun 21,2012 10-24-46

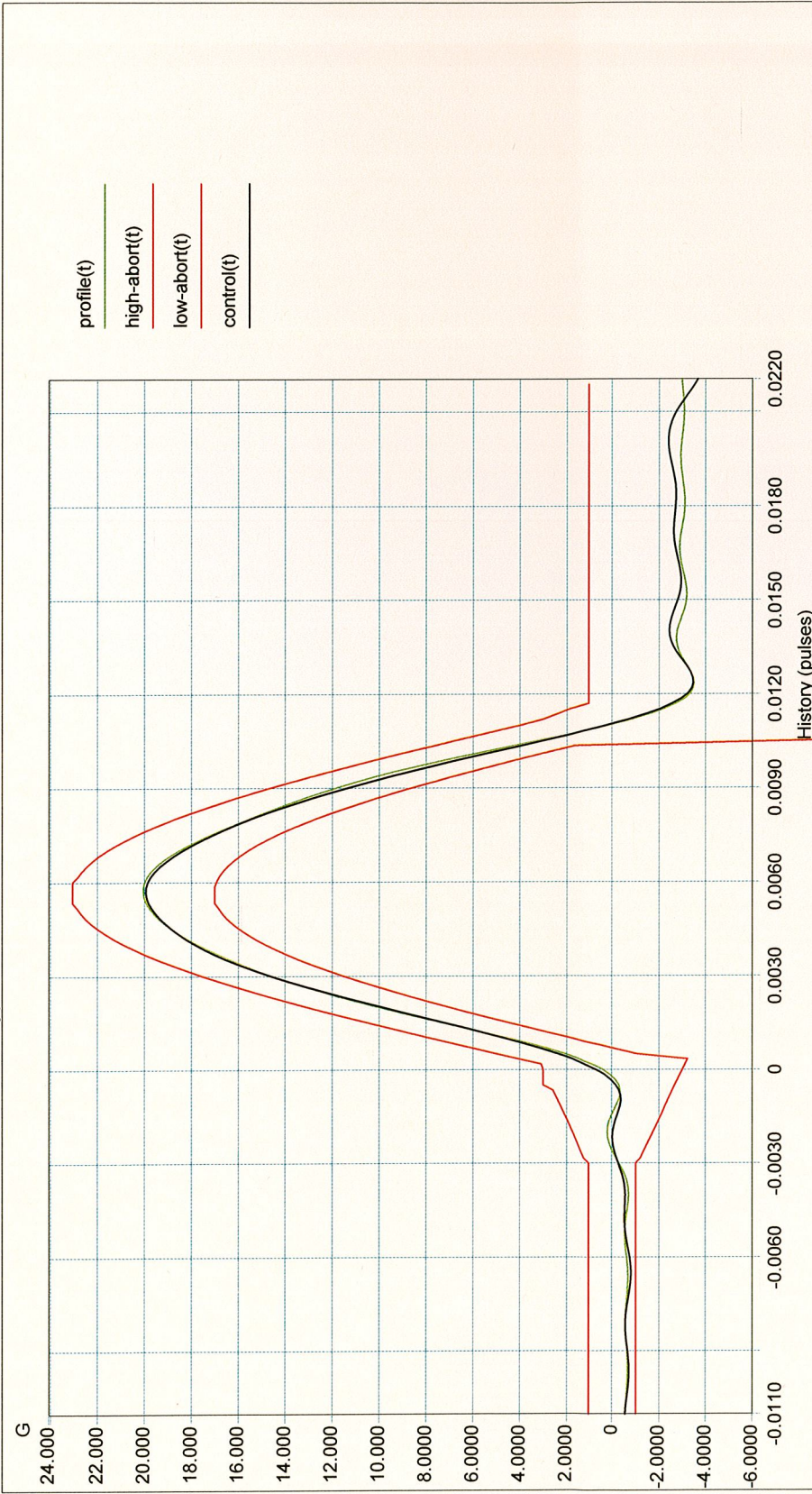


Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 19.987415 G Control RMS: 2.005770 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.988153 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

-X Axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: \Run Jun 21,2012 10-28-20

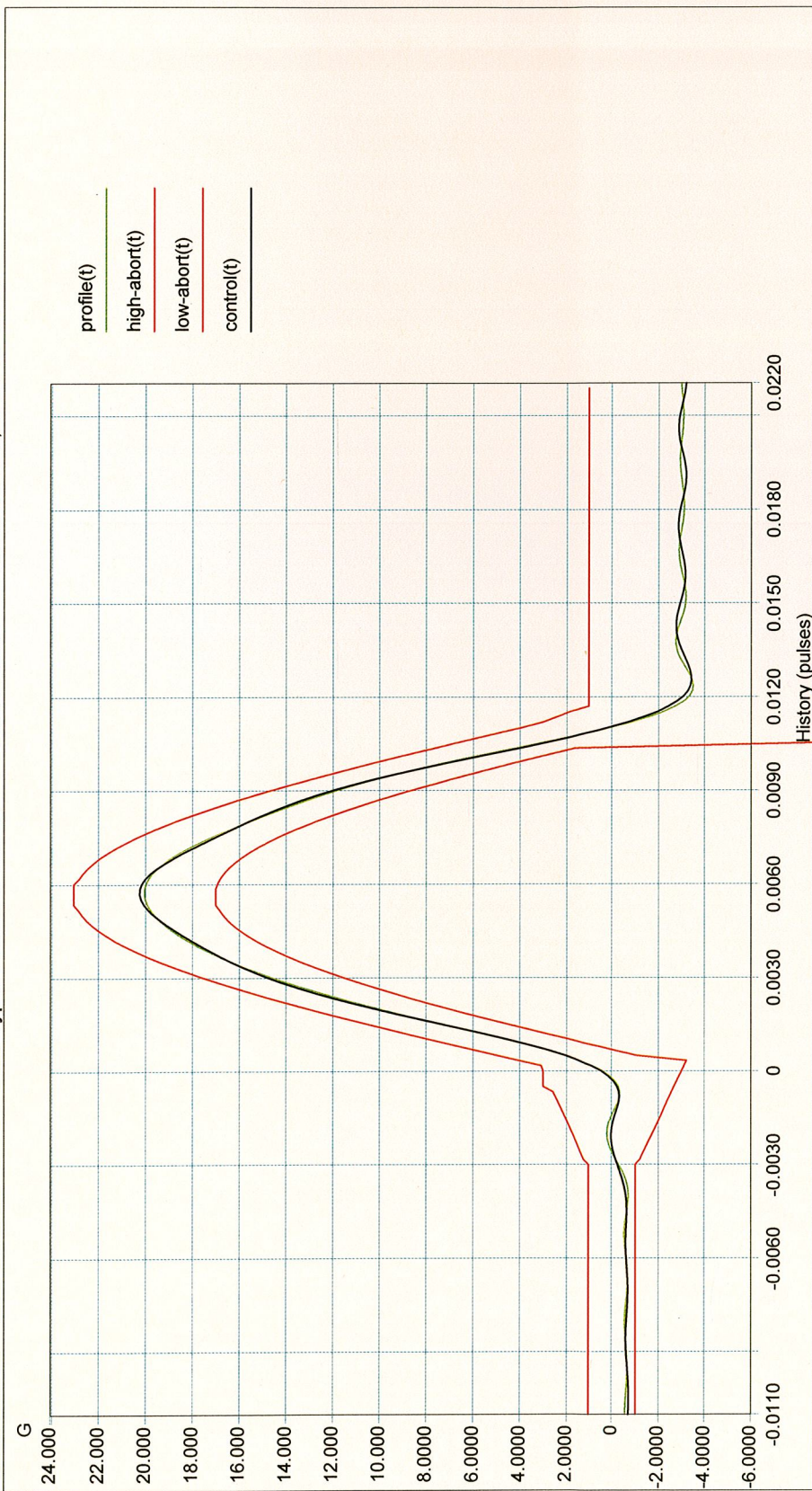


Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 19.894859 G Control RMS: 1.989903 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.988153 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

+Y Axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: \Run Jun 21,2012 10-16-05

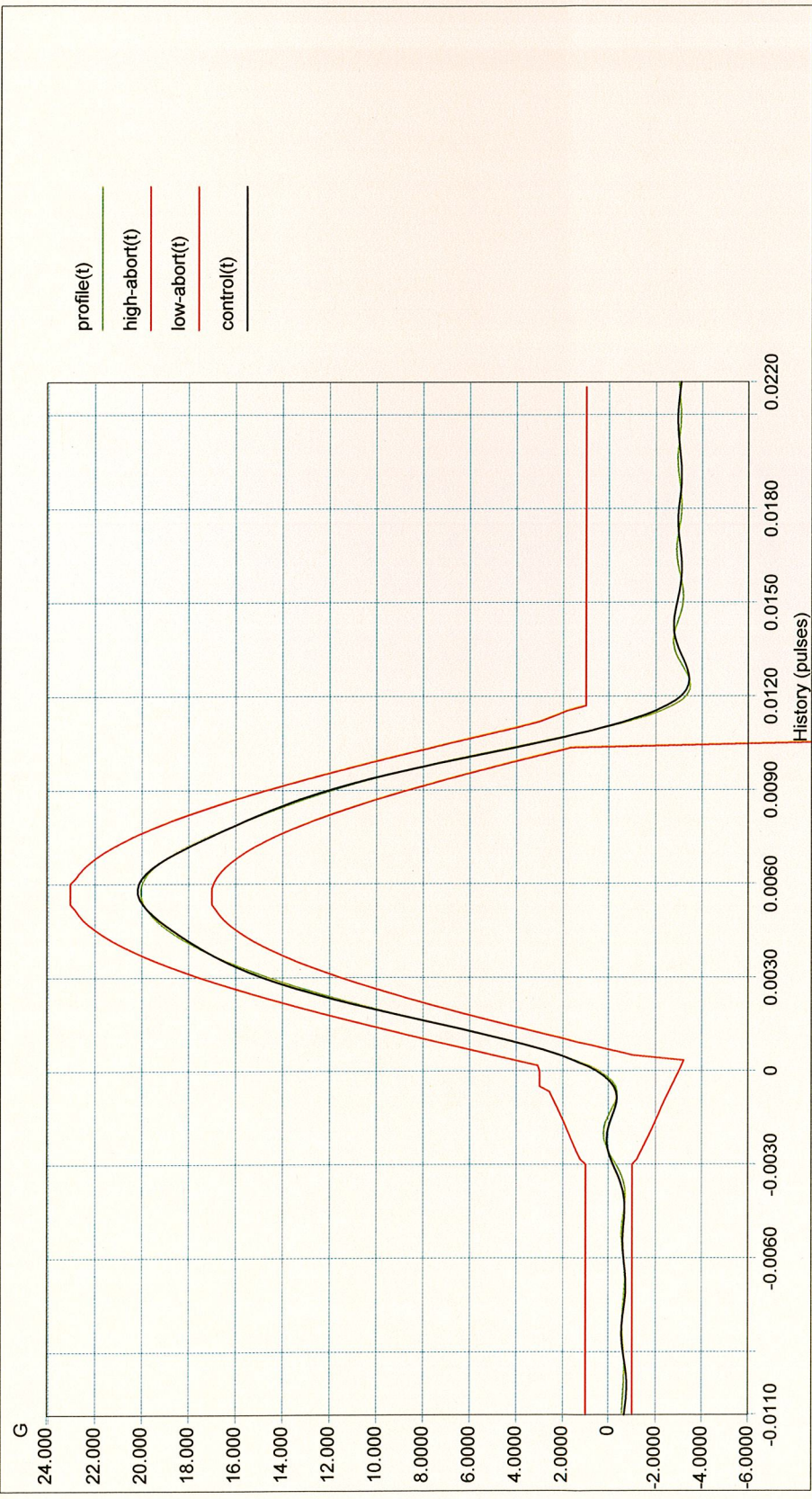


Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.210623 G Control RMS: 2.007056 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.988153 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

-Y Axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: \Run Jun 21,2012 10-17-44

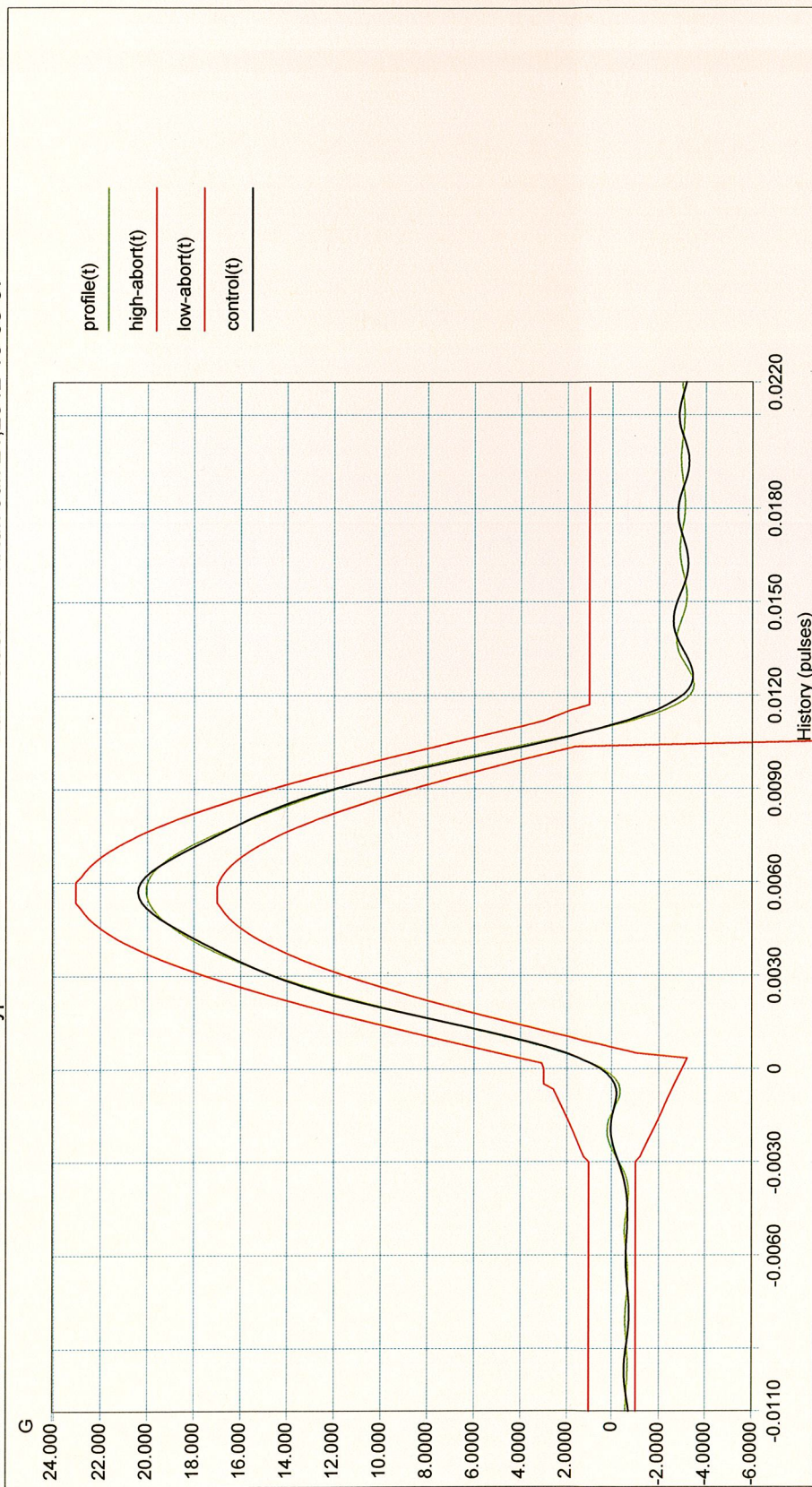


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 Frame Time: 0.682667 Seconds Control Peak: 20.135370 G Control RMS: 2.006543 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.988153 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

+Z Axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: \Run Jun 21, 2012 10-08-57

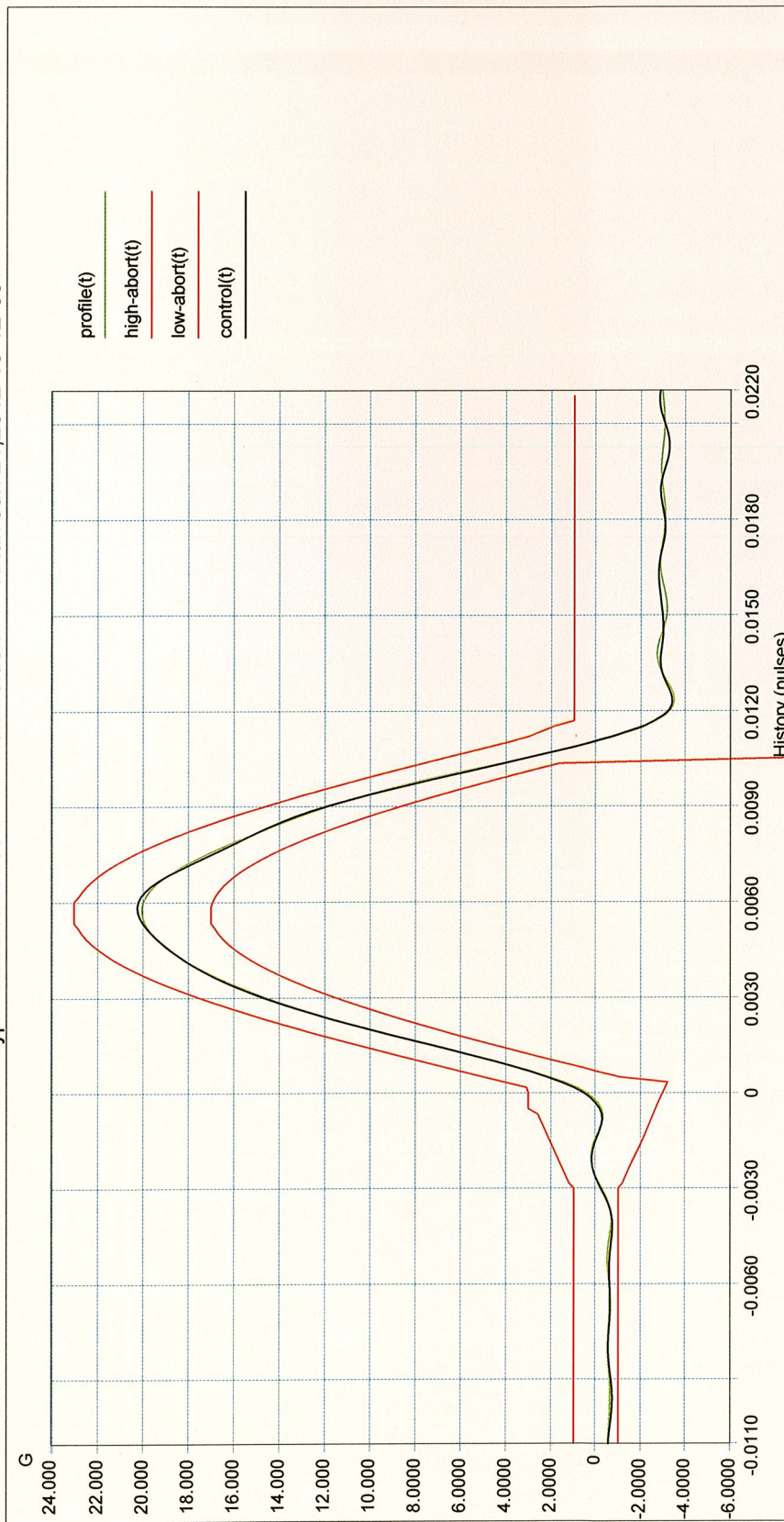


Level: 100 % Block Size: 4096 Elapsed Pulses: 12
 Frame Time: 0.682667 Seconds Control Peak: 20.357777 G Control RMS: 2.005971 G Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.988153 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

-Z Axis

Project File Name: 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: \Run Jun 21, 2012 10-12-39



Level: 100 % Block Size: 4096 Elapsed Pulses: 12

Frame Time: 0.682667 Seconds Control Peak: 20.208630 G Control RMS: 2.006485 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.988153 G Remaining Pulses: 0

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

-END-

