

KING DESIGN INDUSTRIAL CO., LTD.

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

VIBRATION TEST LABORATORY

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

TESTING / INSPECTION REPORT

REPORT NO : ST-130521-2

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 : TKS-P20-CV01-ASG (with mSATA)
DATE OF RECEIVED : 2013/05/21
DATE OF TESTED : 2013/05/21

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 : <i>To Pay</i>	
Approval Signatory : <i>2013. 5. 5. David Lee</i>	Laboratory Head : <i>Chang Hsin Tai</i>



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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 : 66 %RH (50±25% RH)

SPECIMEN :

- Model : TKS-P20-CV01-ASG (with mSATA)
- 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⁾	√	---	---

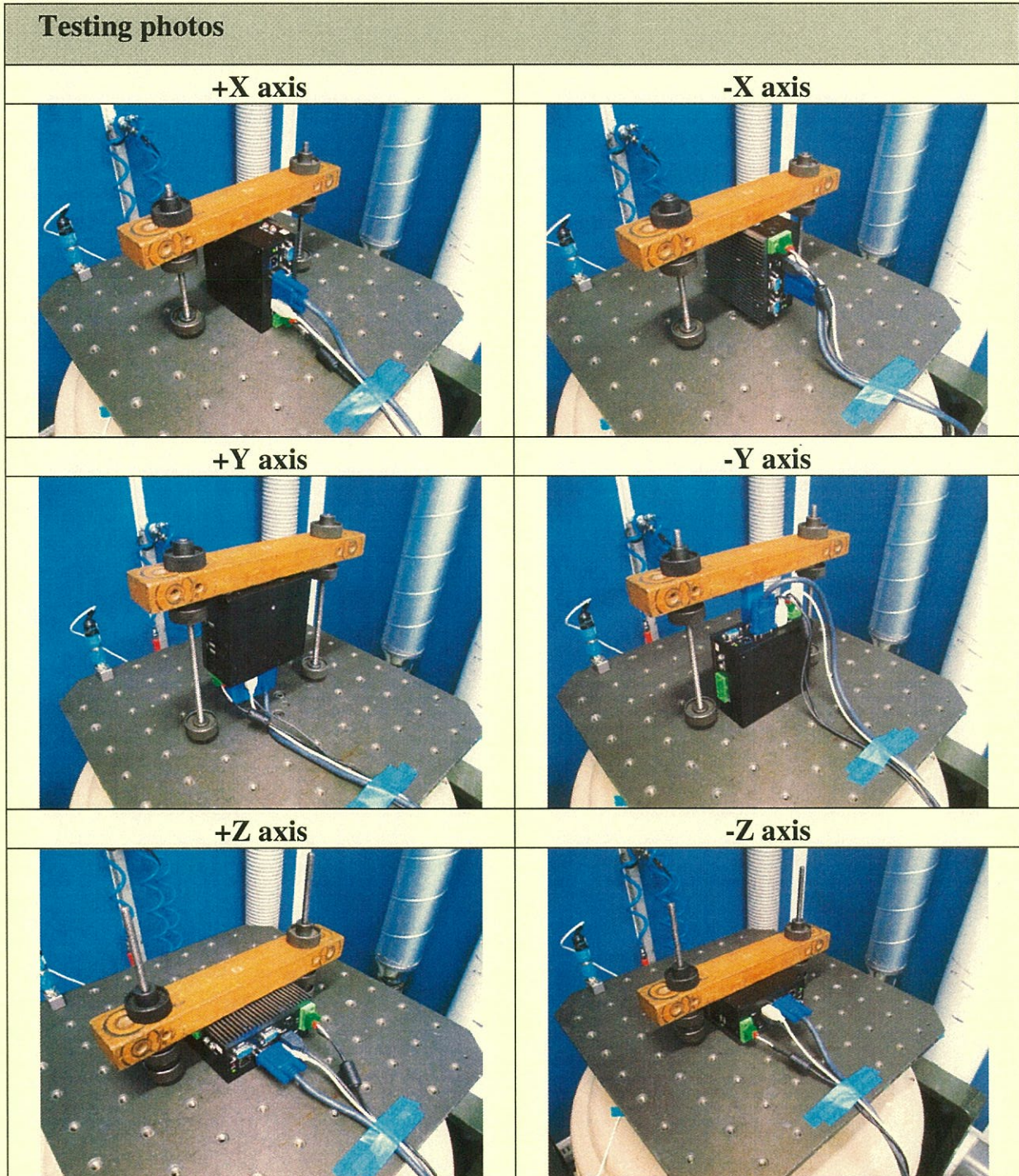
(1)—Booting function was normal after the test.
(2)—No visible damages were found.

TESTING / INSPECTION REPORT

Testing photos

Tester



TESTING / INSPECTION REPORT



TESTING / INSPECTION REPORT

Testing photos

After test

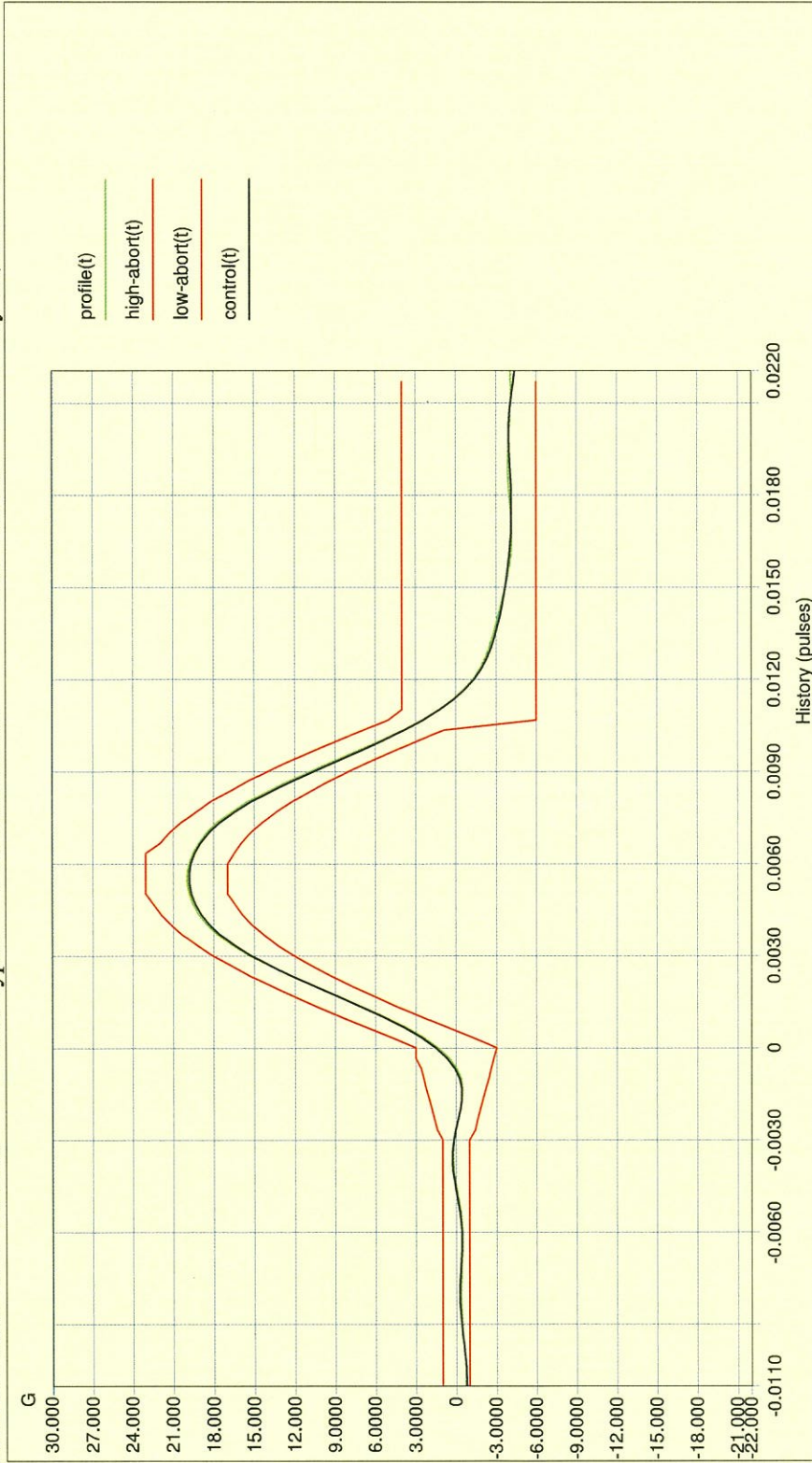


縫

+X axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run May 21,2013 13-28-52

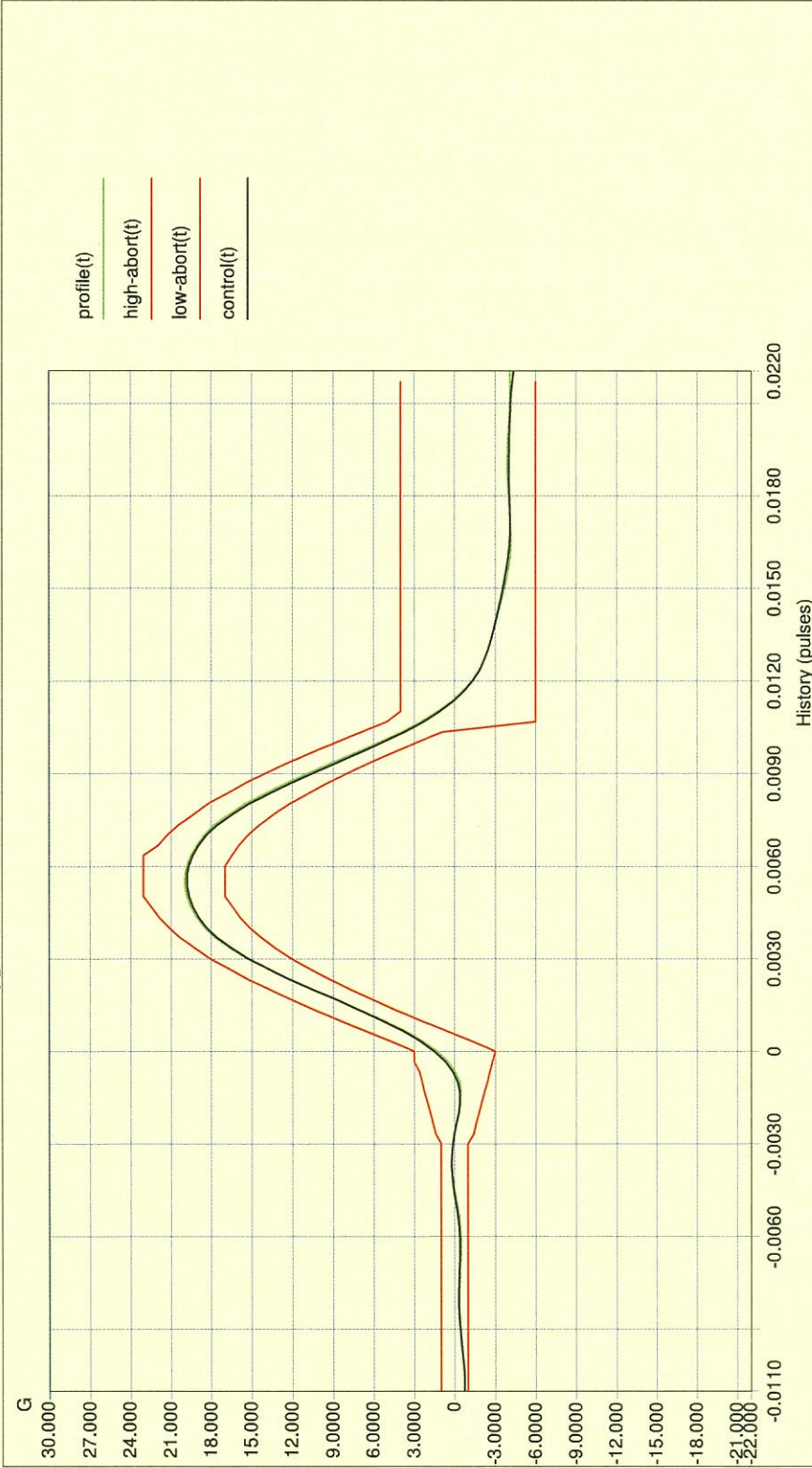


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 19.849804 G Control RMS: 2.042739 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

-X axis

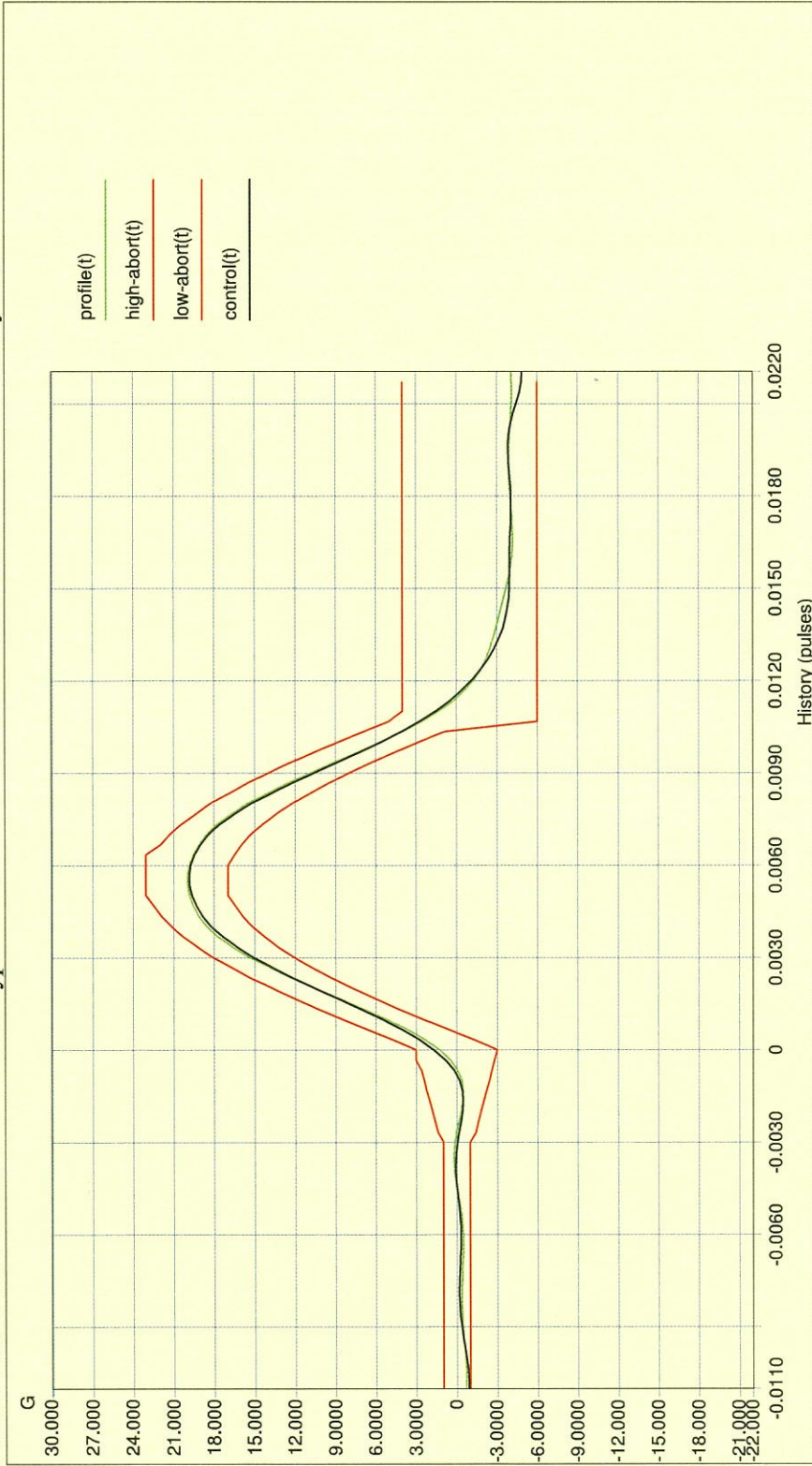
Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run May 21,2013 13-31-30



Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 19.847385 G Control RMS: 2.041554 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: 研揚 20g 11mS.prj
 Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: \Run May 21,2013 13-38-15

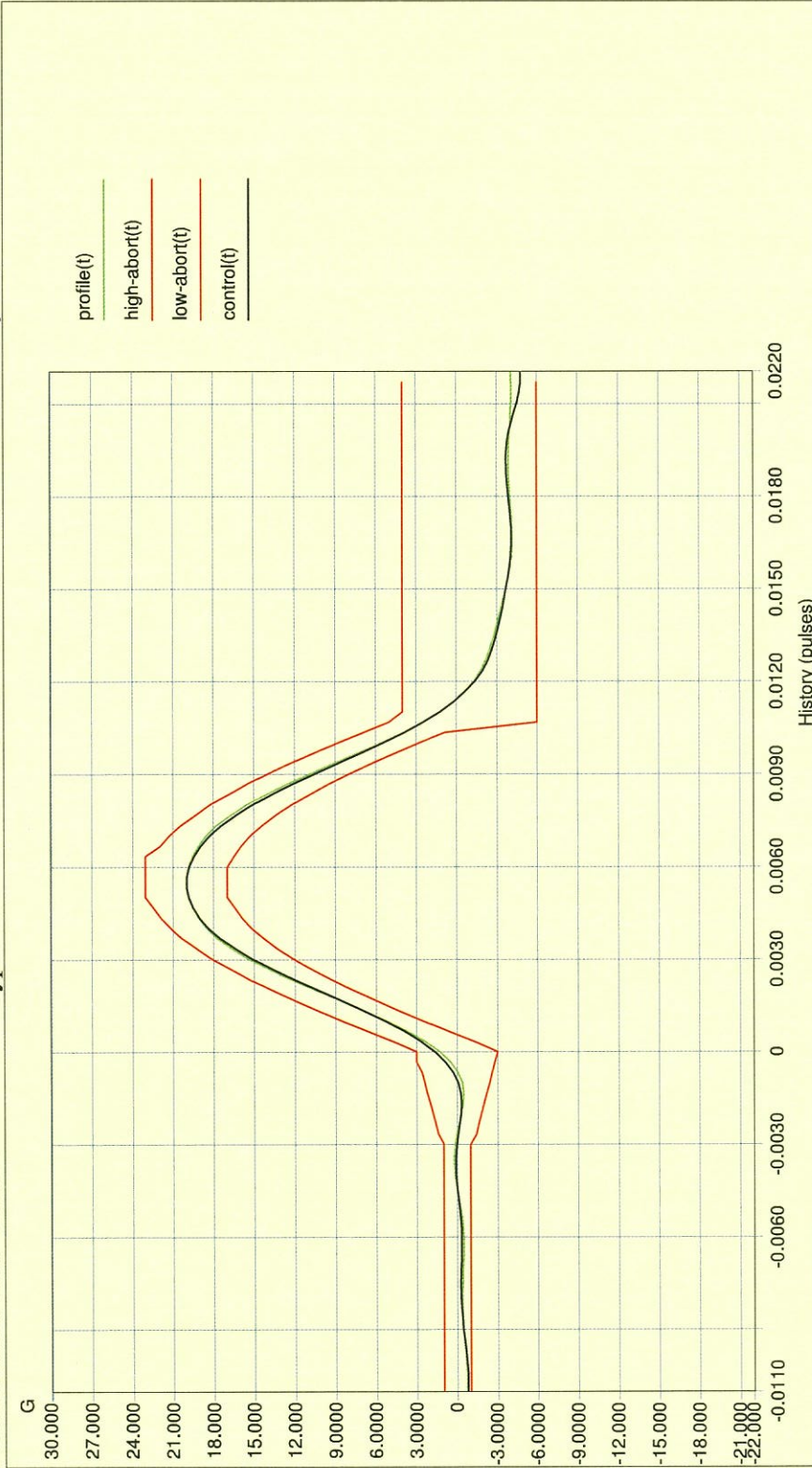


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 Frame Time: 0.682667 Seconds Control Peak: 19.890940 G Control RMS: 2.044865 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

-Y axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run May 21,2013 13-35-09

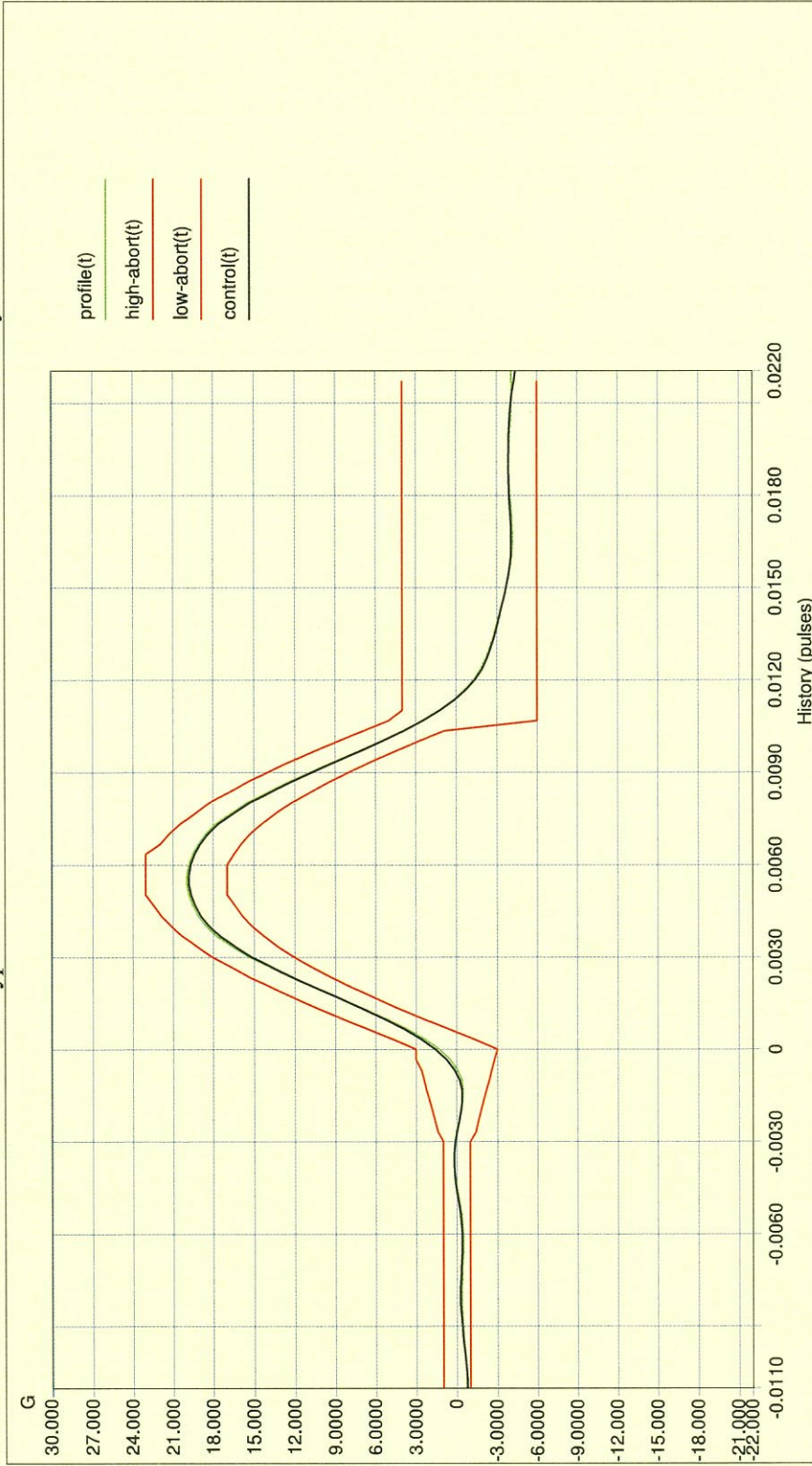


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 20.008148 G Control RMS: 2.042320 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

+Z axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run May 21,2013 13-22-19



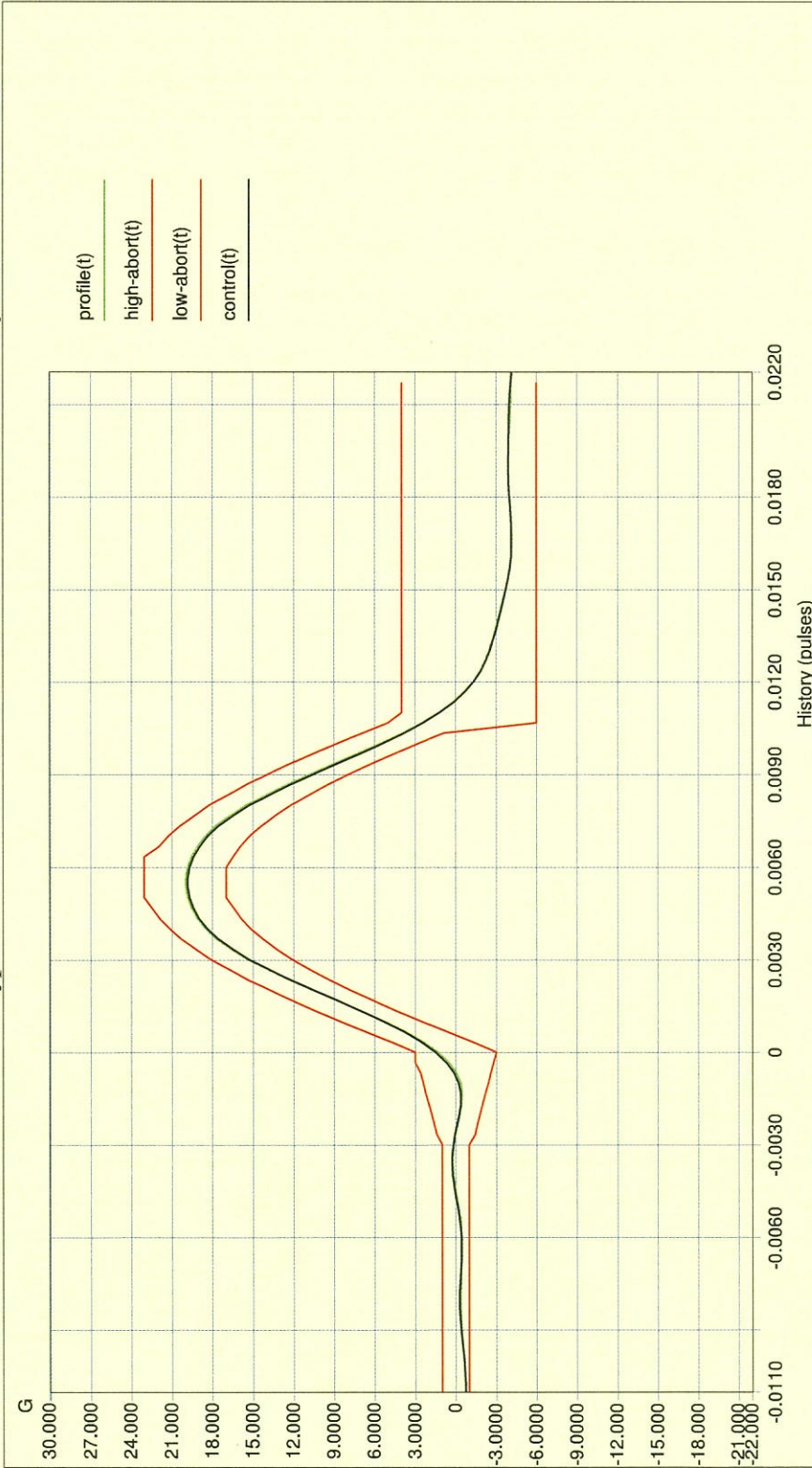
Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 19.857389 G Control RMS: 2.042290 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms



-Z axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run May 21,2013 13-26-30



Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 19.851992 G Control RMS: 2.042414 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
 -END-

