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Reliability & Communication Testing Instruments

RELIABILITY TEST LABORATORY

<http://www.kdi.tw>

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

E-mail: service@kdi.tw

TESTING / INSPECTION REPORT

REPORT NO : ST-130503-2

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 : ETKD-JPHOKI01-B01 (with 2.5" SSD)

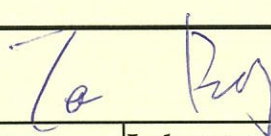
DATE OF RECEIVED : 2013/05/03

DATE OF TESTED : 2013/05/03

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 : 2013.5.8. 	Laboratory Head : 



TESTING / INSPECTION REPORT

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 : 24°C (25±10°C)
- Relative Humidity : 66%RH (50±25% RH)

SPECIMEN :

- Model : ETKD-JPHOKI01-B01 (with 2.5" SSD)
- 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)—Bootting function was normal after the test.			
(2)—No visible damages were found.			

TESTING / INSPECTION REPORT

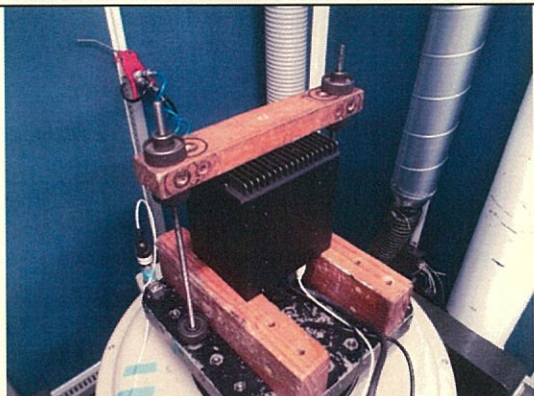
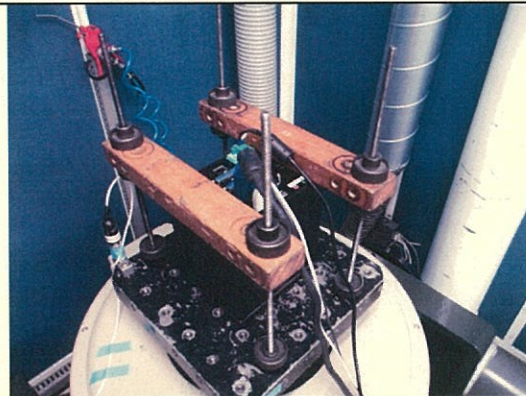
Testing photos

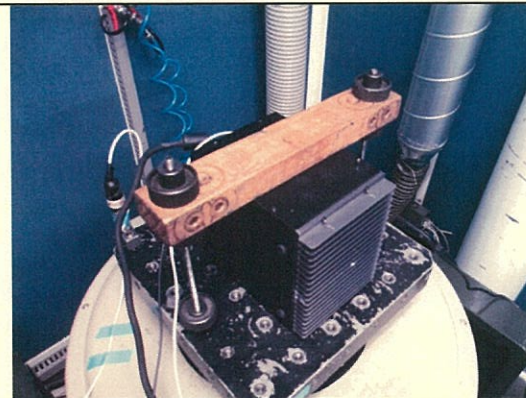
Tester



TESTING / INSPECTION REPORT

Testing photos

AXIS +X

AXIS -X

AXIS +Y

AXIS -Y

AXIS +Z

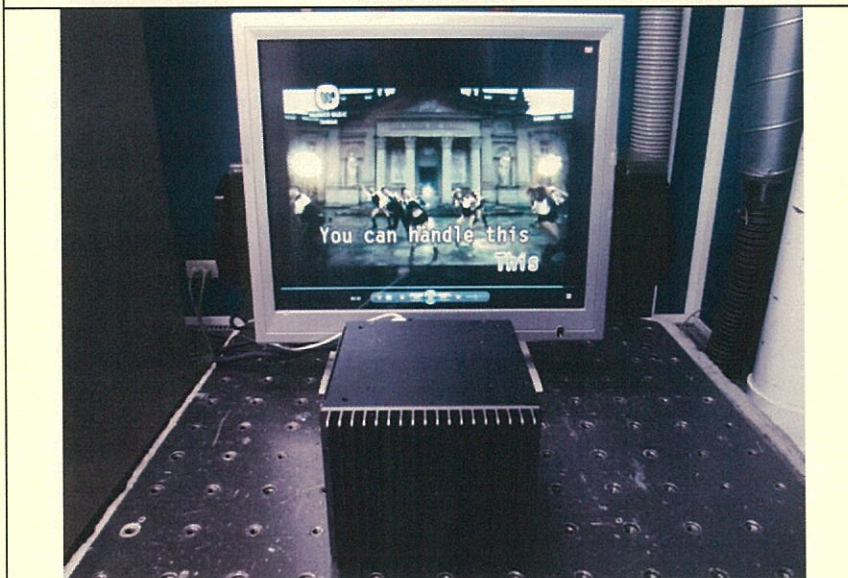
AXIS -Z


檢室

TESTING / INSPECTION REPORT

Testing photos

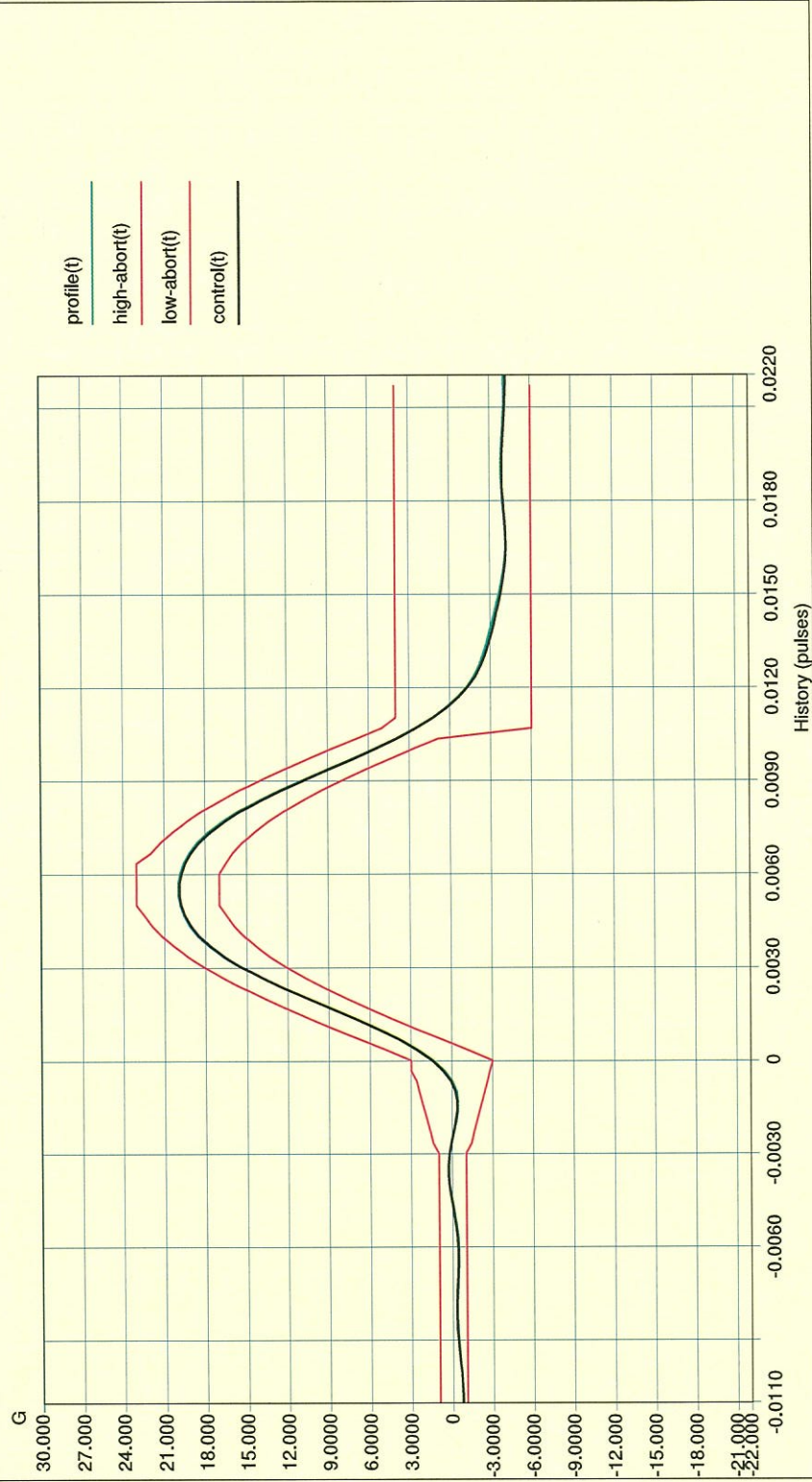
After test



+X axis

Project File Name: 研揚 20g 11mS.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run May 03,2013 11-37-11

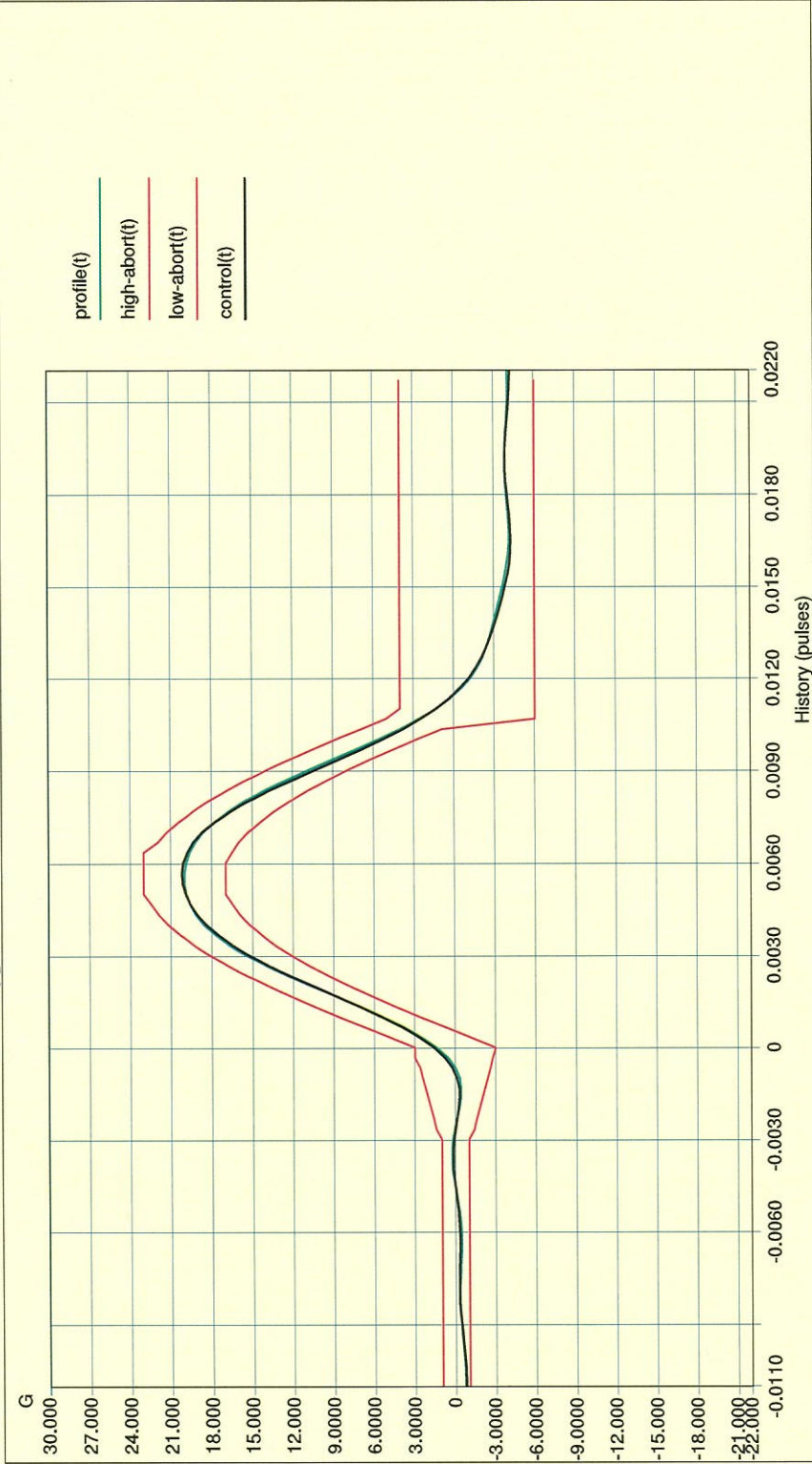


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 19.899725 G Control RMS: 2.051875 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 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 03,2013 11-42-15

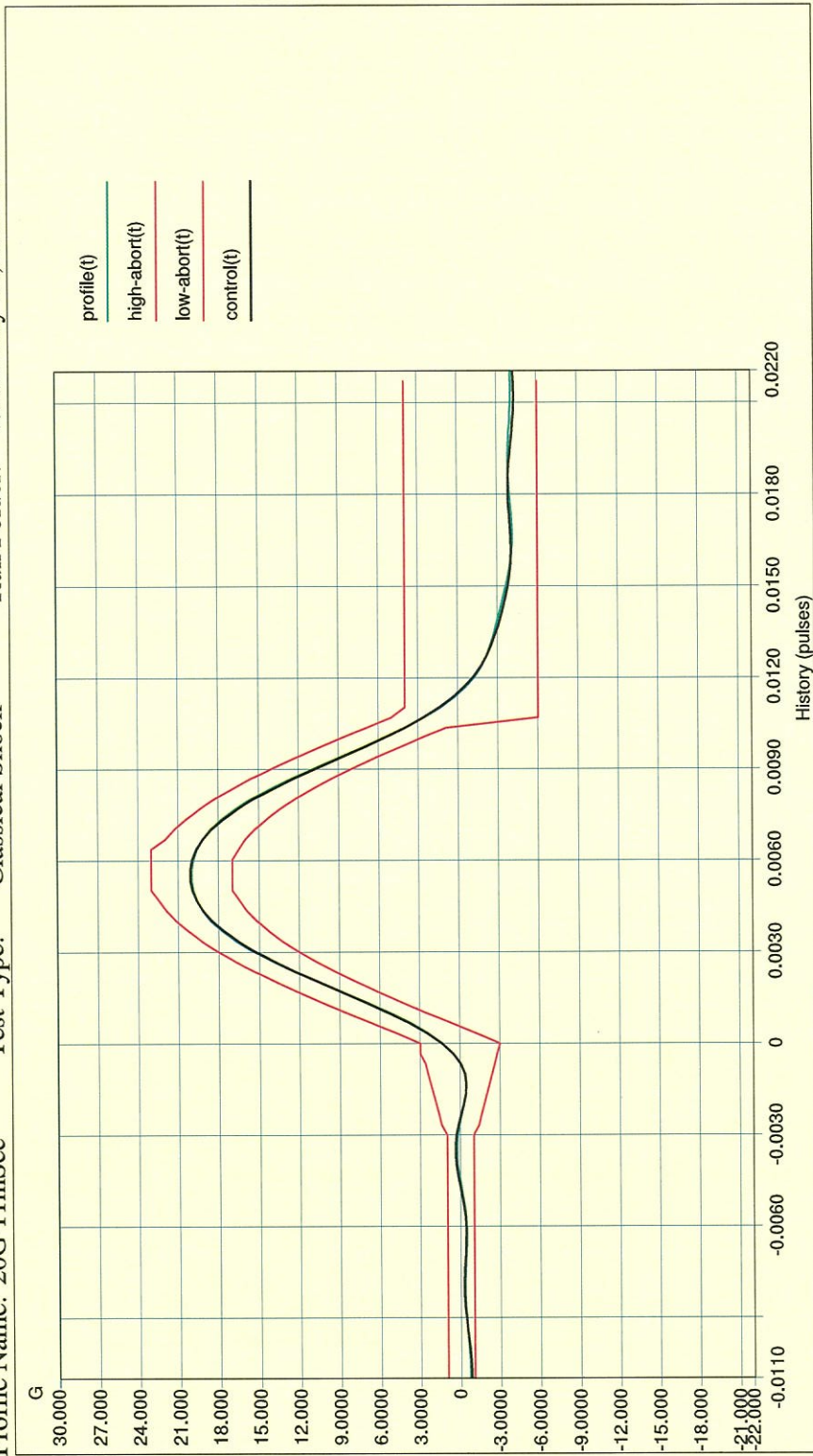


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 20.178553 G Control RMS: 2.054254 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 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 03,2013 11-31-14

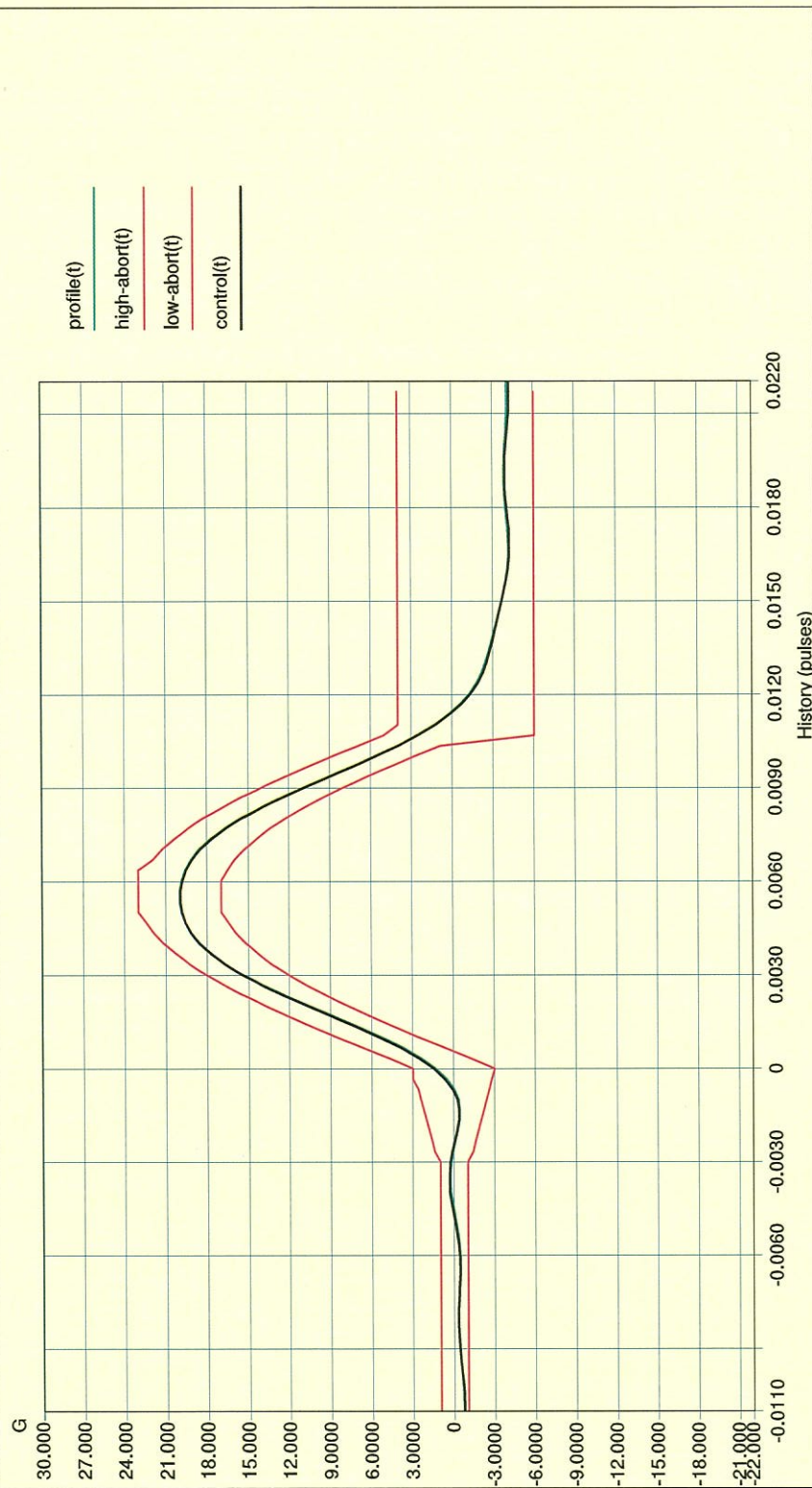


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 20.112886 G Control RMS: 2.052849 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 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 03,2013 11-32-35

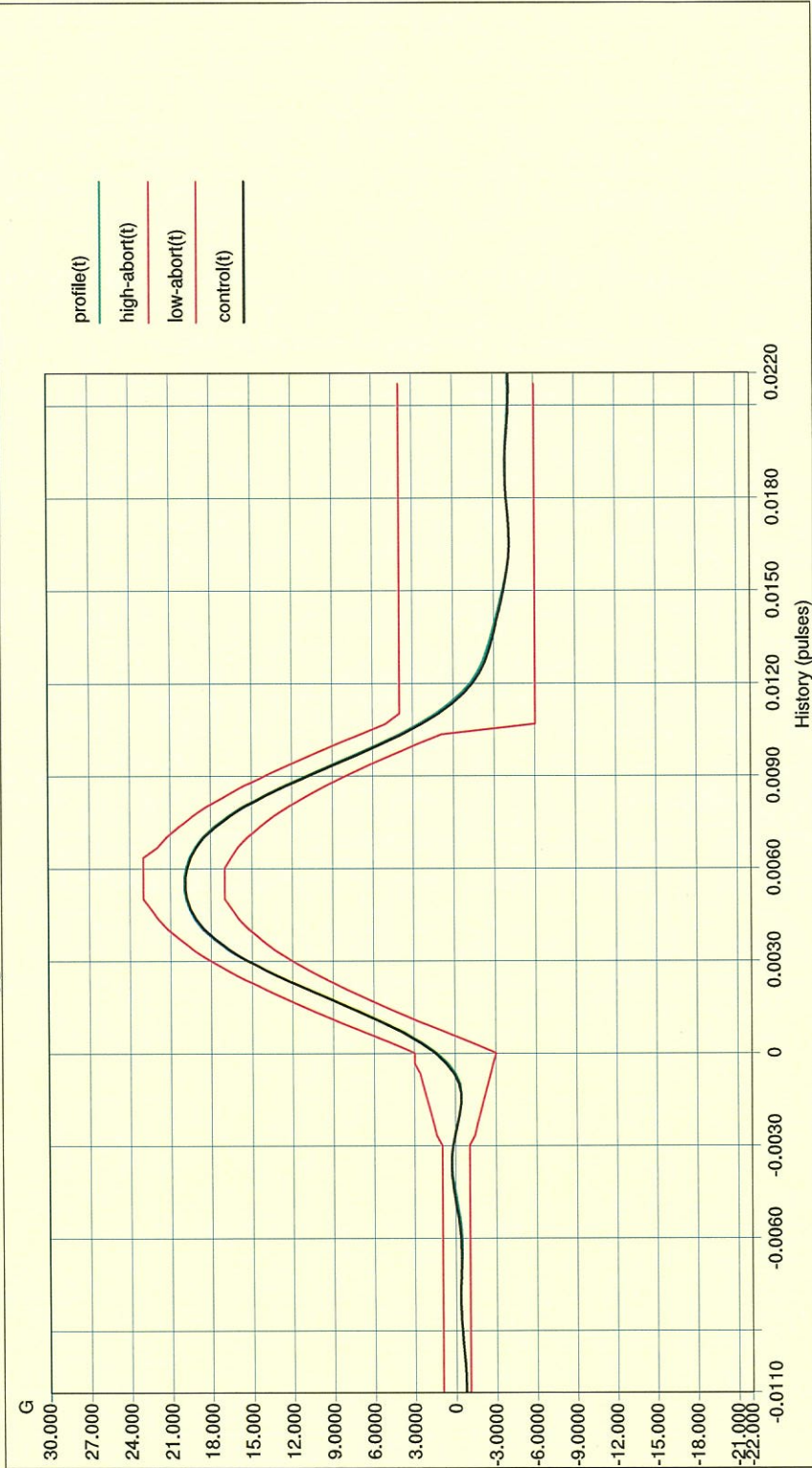


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 19.949493 G Control RMS: 2.053807 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 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 03,2013 11-24-55

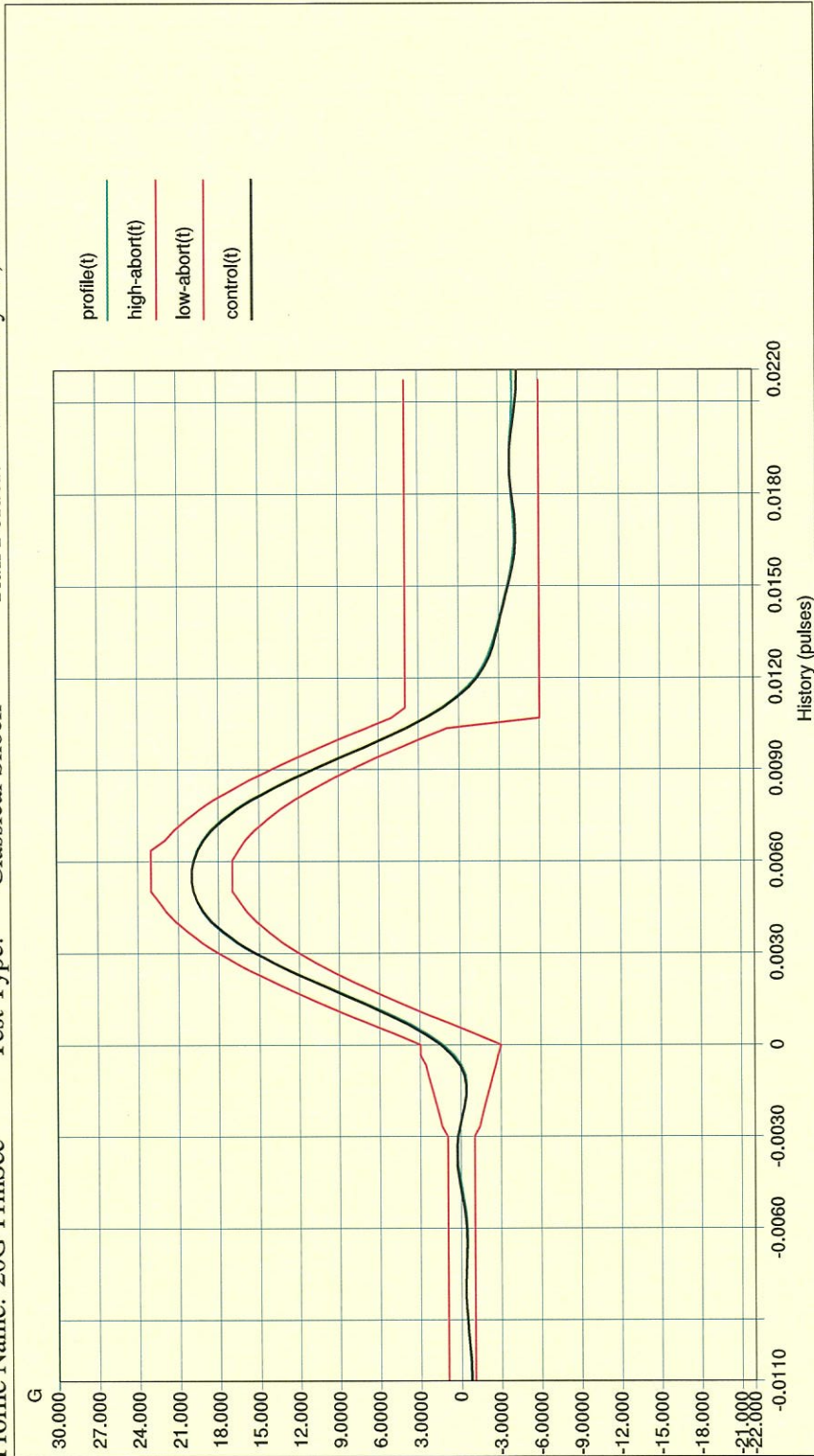


Level: 100 % Block Size: 2048 Elapsed Pulses: 11
 Frame Time: 0.682667 Seconds Control Peak: 19.901361 G Control RMS: 2.051392 G Full Level Elapsed Pulses: 3
 dT: 0.000333 Seconds Demand Peak: 20.000000 G Demand RMS: 2.045214 G Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 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 03,2013 11-28-29



Level: 100 %

Block Size: 2048

Elapsed Pulses: 11

Frame Time: 0.682667 Seconds Control Peak: 19.990637 G Control RMS: 2.053127 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-