

**KING DESIGN INDUSTRIAL CO., LTD.**

**RELIABILITY TEST LABORATORY**

5F, NO. 3, Lane 270, Pei Shen Road Sec. 3,

<http://www.kdi.tw>

Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C

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

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

E-mail: [service@kdi.tw](mailto:service@kdi.tw)

## TESTING / INSPECTION REPORT

REPORT NO : ST-120103-3

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 : ACP-5215

DATE OF RECEIVED : 2011/12/30

DATE OF TESTED : 2011/12/30

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>Yi Kai Lai</i>
Approval Signatory :	<i>David Lee</i>
Laboratory Head :	<i>Chang</i>
<i>2012.1.4.</i>	<i>Hsin Tze</i>

金頓科





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### TESTING EQUIPMENT :

1. Vibration Tester : KING DESIGN KD-9363EM-600F2K-50N120,  
S/N : KDS11054783
2. Controller : DACTRON COMET USB, S/N:9478158
3. Control Accelerometer : WILCOXON RESEARCH, Model:784A, S/N:23116

### TEST ENVIRONMENT :

- Temperature : 23.7°C (25±10°C)
- Relative Humidity : 58%RH (50±25% RH)

### SPECIMEN :

- Model : ACP-5215
- 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 <sup>(1)</sup>	√	---	---
Appearance check <sup>(2)</sup>	√	---	---
(1)—Booting function was normal after the test.			
(2)—No visible damages were found.			

技實



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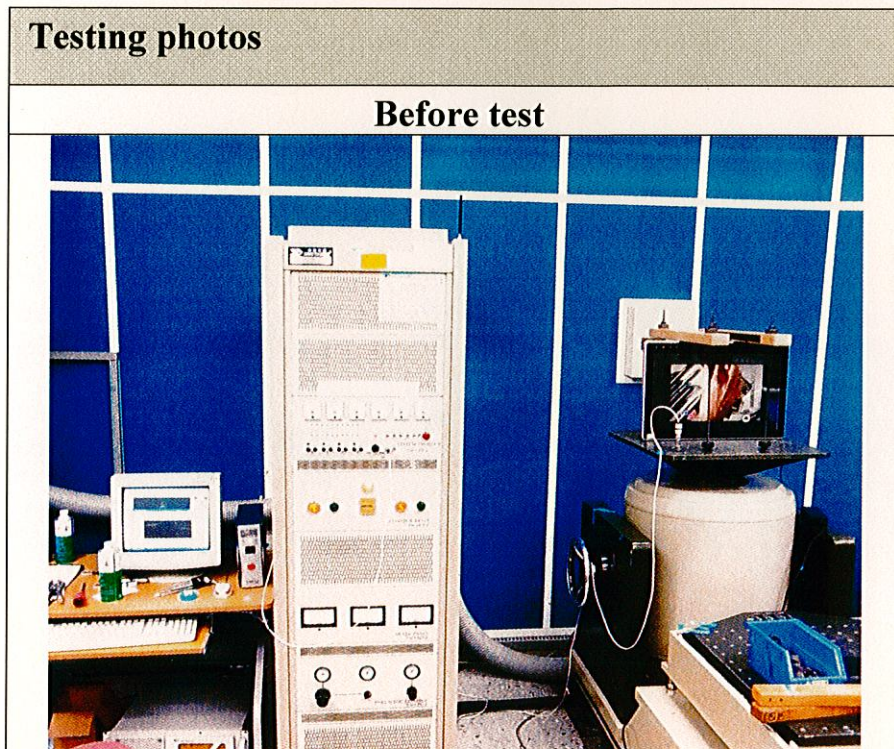
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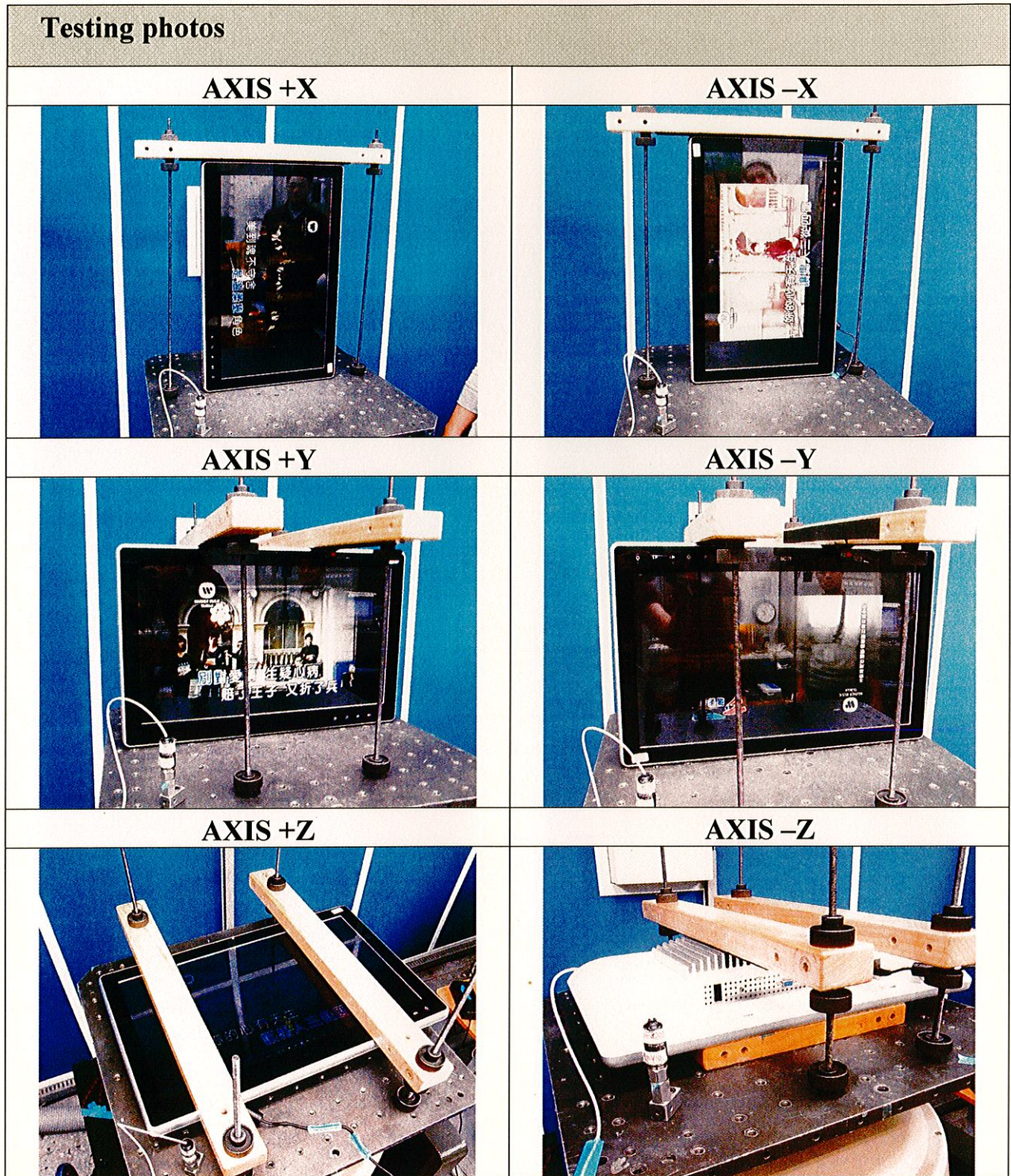
## TESTING / INSPECTION REPORT



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**TESTING / INSPECTION REPORT**



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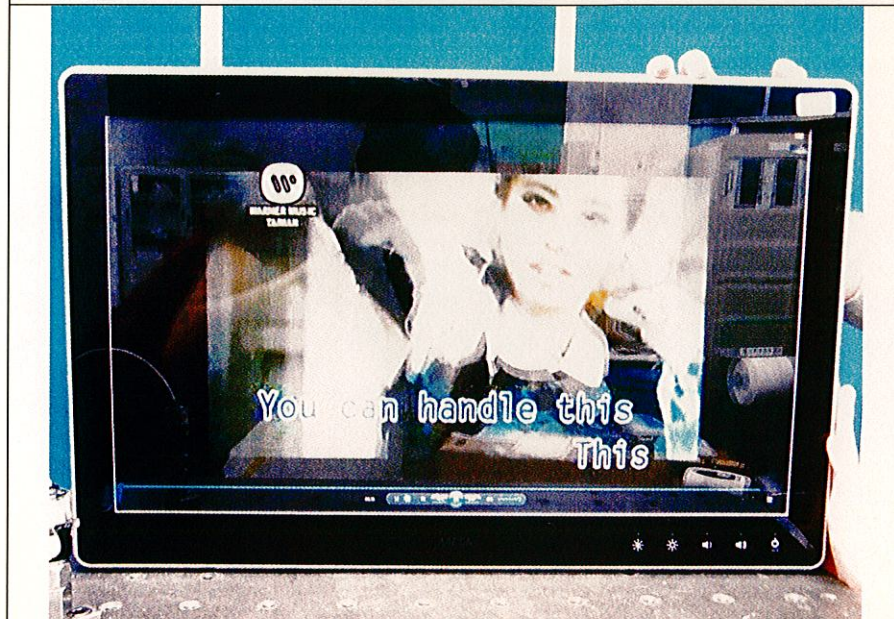
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## TESTING / INSPECTION REPORT

### Testing photos

#### After test





+X Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Dec 30, 2011 14-31-50



Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.682667 Seconds Control Peak: 20.034416 Control RMS: 2.243586 Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms





-X Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Dec 30, 2011 14-34-46



Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.682667 Seconds Control Peak: 20.298384 Control RMS: 2.238668 Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

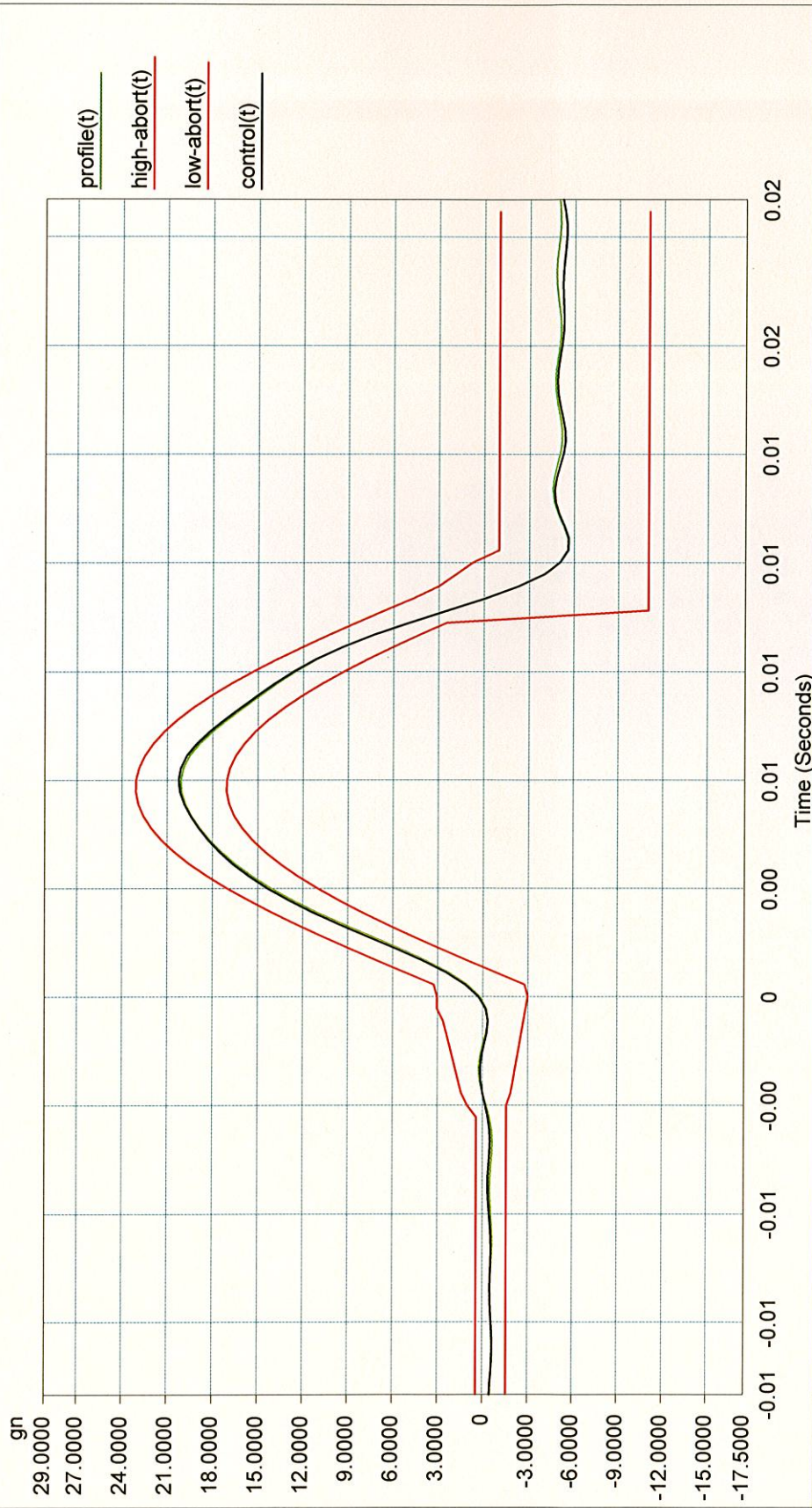




+Y Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Dec 30, 2011 14-26-52



Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.682667 Seconds Control Peak: 20.148176 Control RMS: 2.239220 Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

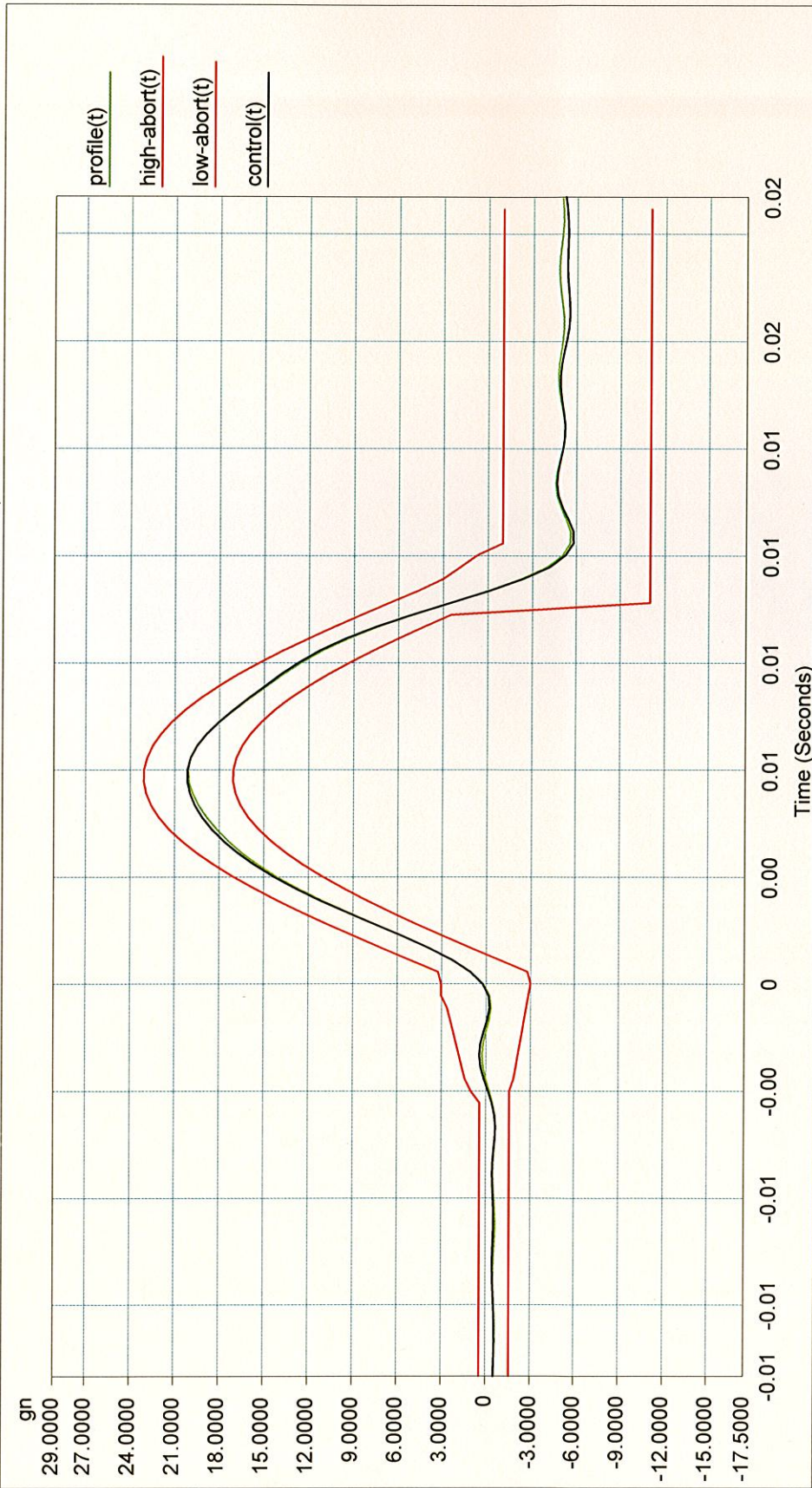




-Y Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: \RunDefault Dec 30, 2011 14-29-22



Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.682667 Seconds Control Peak: 20.041420 Control RMS: 2.238449 Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms





+Z Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Dec 30, 2011 14-18-40



Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.682667 Seconds Control Peak: 20.495428 Control RMS: 2.243021 Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms





-Z Axis

Project File Name: 20g 11mS.prj

Profile Name: Test Type: Classical Shock Run Folder: .\RunDefault Dec 30, 2011 14-22-15



Level: 100 % Block Size: 2048 Elapsed Pulses: 12  
 Frame Time: 0.682667 Seconds Control Peak: 20.590822 Control RMS: 2.253024 Full Level Elapsed Pulses: 3  
 dT: 0.000333 Seconds Demand Peak: 20.000000 Demand RMS: 2.201481 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

**-END-**