

**TESTING / INSPECTION REPORT**

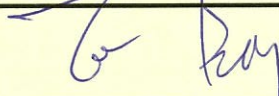

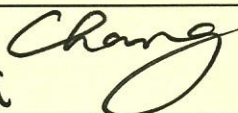
REPORT NO : ST-130422-4

COMPANY : AAEON Technology Inc.  
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Hsin-Tien City, Taipei, Taiwan, R. O. C.  
TEL : 886-2-8919-1234  
FAX : 886-2-8919-1049  
SPECIMEN : ACP-5217 (with SATA HDD)  
DATE OF RECEIVED : 2013/04/19  
DATE OF TESTED : 2013/04/19

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 :  2013.4.29	Laboratory Head :  Chang Hsin Zai





## TESTING / INSPECTION REPORT

### TESTING EQUIPMENT :

1. Vibration Tester : KING DESIGN KD-9363EM-1000F2K-50N120,  
S/N : GUG02102091
2. Controller : DACTRON LASER USB, S/N : 12448370
3. Control Accelerometer : WILCOXON RESEARCH, Model:784A, S/N:23116

### TEST ENVIRONMENT :

- Temperature : 23.4°C (25±10°C)
- Relative Humidity : 62 %RH (50±25% RH)

### SPECIMEN :

- Model : ACP-5217 (with SATA 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 <sup>(1)</sup>	√	---	---
Appearance check <sup>(2)</sup>	√	---	---

(1)—Booting function was normal after the test.

(2)—No visible damages were found.

## TESTING / INSPECTION REPORT

### Testing photos

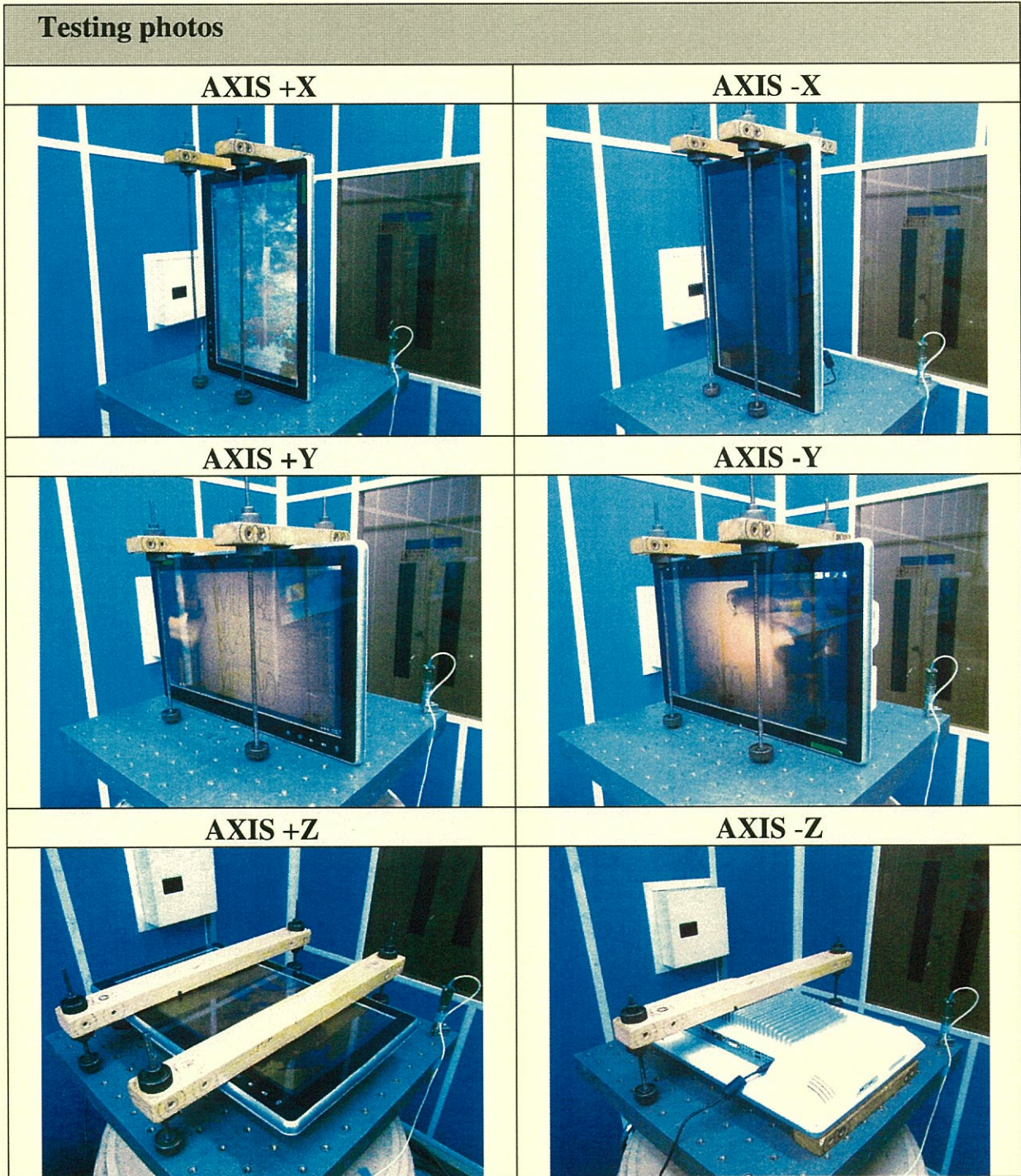
#### Tester



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**TESTING / INSPECTION REPORT**





## TESTING / INSPECTION REPORT

### Testing photos

#### After test

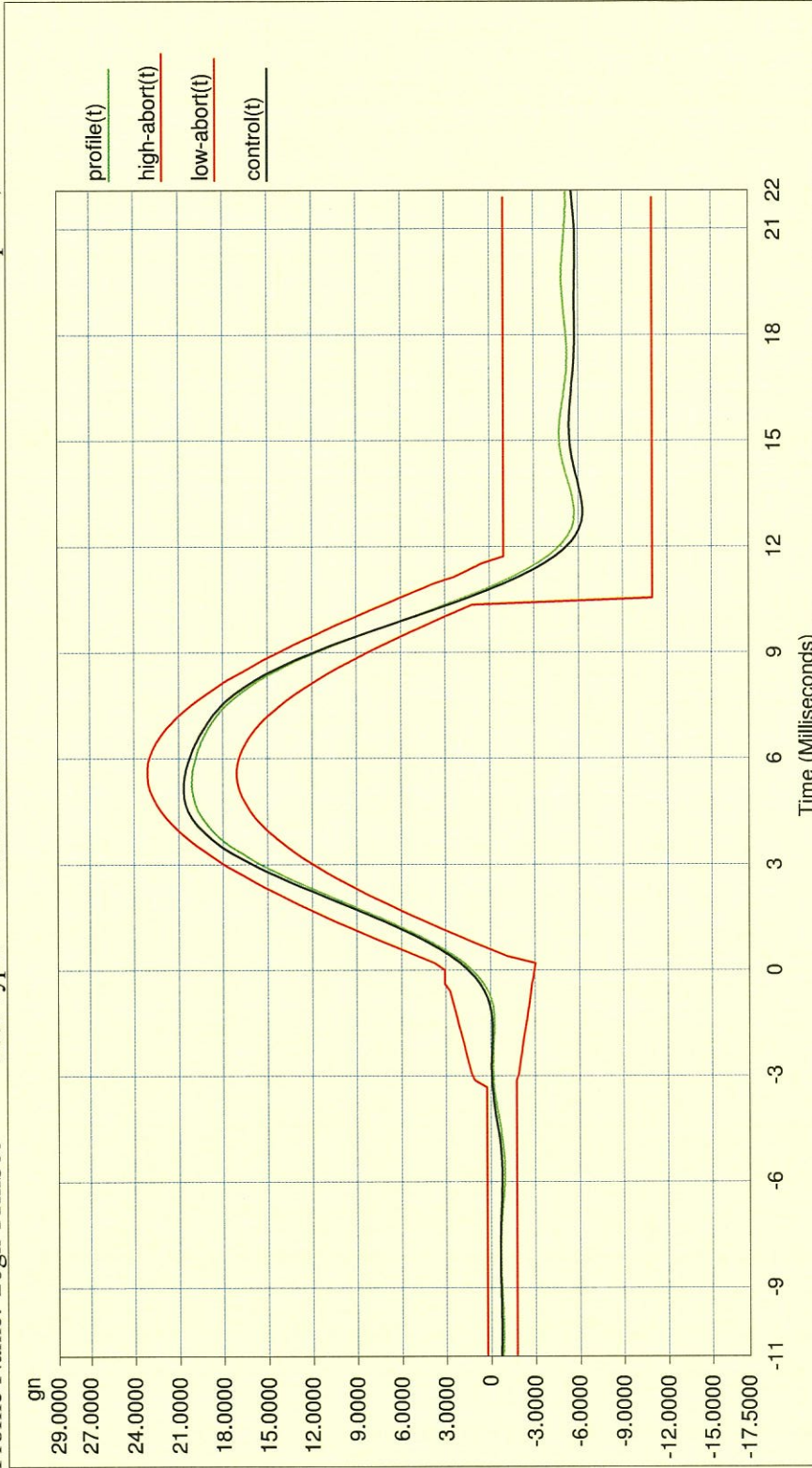


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+X axis

Project File Name: 20g 11mS Half Sine.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Apr 19, 2013 11-08-30

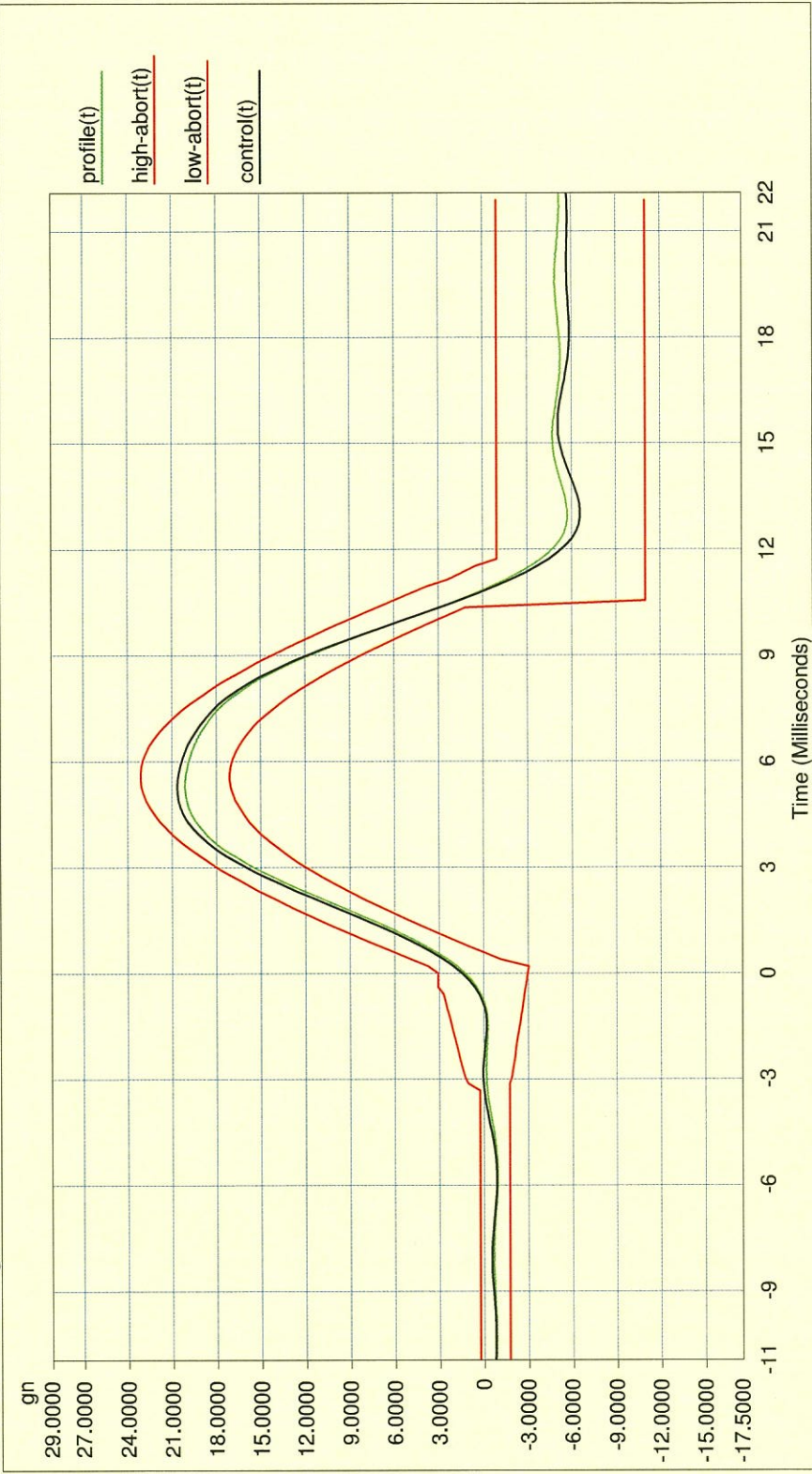


Level: 100 % Block Size: 2048 Elapsed Pulses: 13  
 Frame Time: 0.400000 Seconds Control Peak: 20.562441 Control RMS: 3.062758 Full Level Elapsed Pulses: 3  
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms





-X axis  
 Project File Name: 20g 11mS Half Sine.prj  
 Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Apr 19, 2013 11-11-16



Level: 100 % Block Size: 2048 Elapsed Pulses: 13  
 Frame Time: 0.400000 Seconds Control Peak: 20.540386 Control RMS: 3.066093 Full Level Elapsed Pulses: 3  
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

+Y axis  
 Project File Name: 20g 11mS Half Sine.prj  
 Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Apr 19, 2013 11-15-20

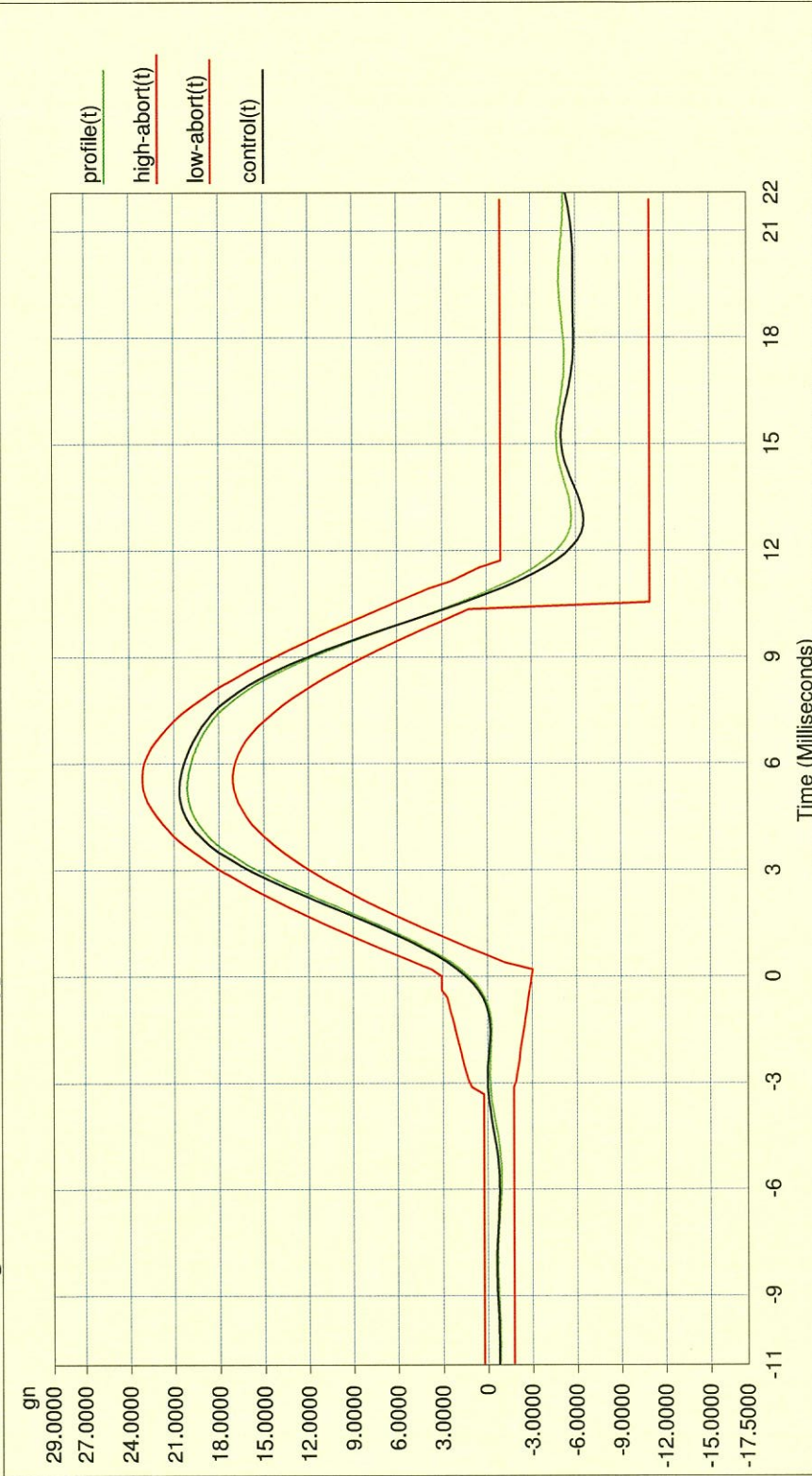


Level: 100 % Block Size: 2048 Elapsed Pulses: 13  
 Frame Time: 0.400000 Seconds Control Peak: 20.657761 Control RMS: 3.064037 Full Level Elapsed Pulses: 3  
 dt: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms





-Y axis  
 Serial Number:  
 Project File Name: 20g 11mS Half Sine.prj  
 Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Apr 19, 2013 11-19-44



Level: 100 % Block Size: 2048 Elapsed Pulses: 13  
 Frame Time: 0.400000 Seconds Control Peak: 20.519222 Control RMS: 3.069721 Full Level Elapsed Pulses: 3  
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

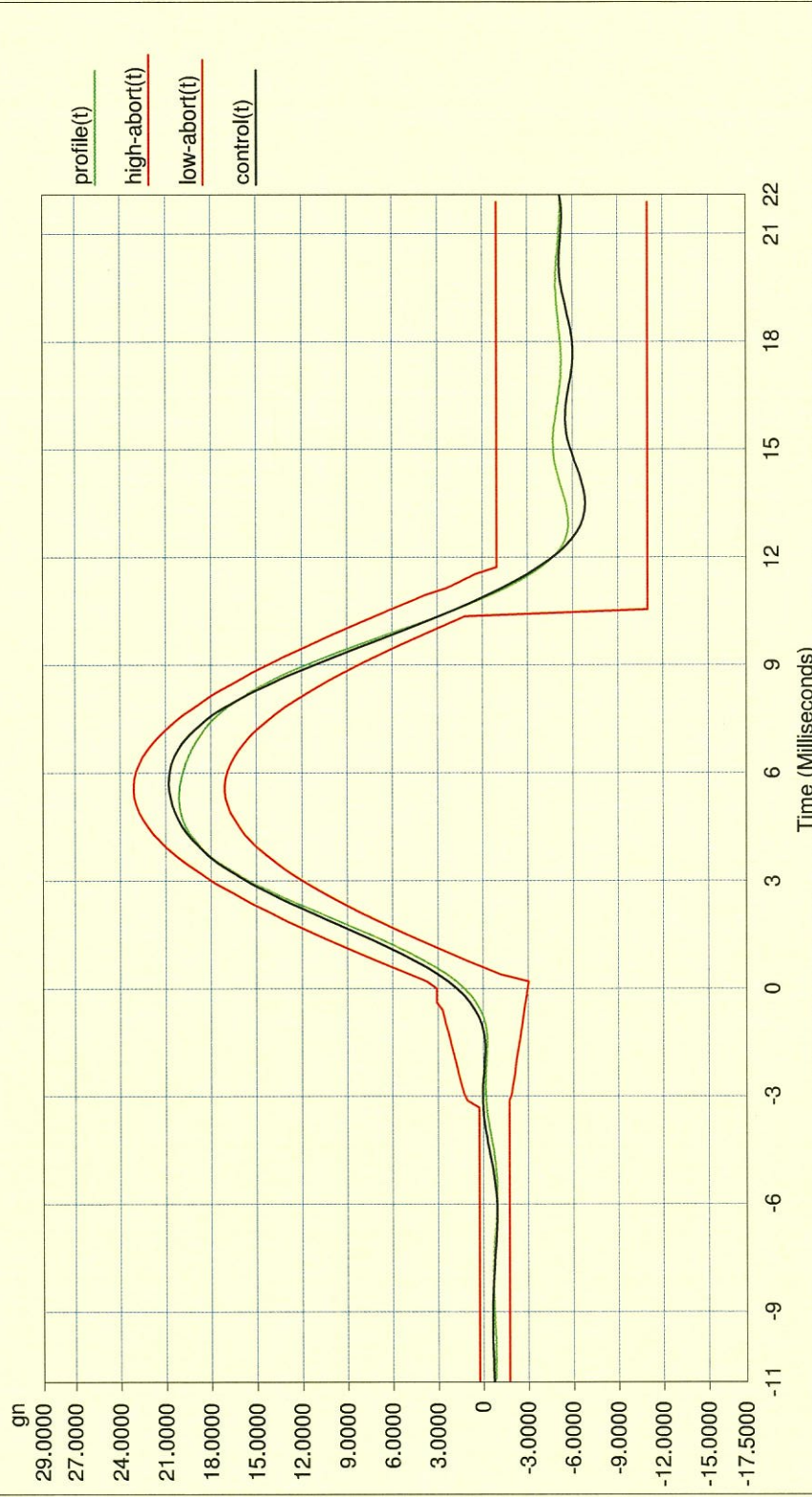




+Z axis

Project File Name: 20g 11mS Half Sine.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Apr 19, 2013 11-24-01



Level: 100 % Block Size: 2048 Elapsed Pulses: 13  
 Frame Time: 0.400000 Seconds Control Peak: 20.697037 Control RMS: 3.073824 Full Level Elapsed Pulses: 3  
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

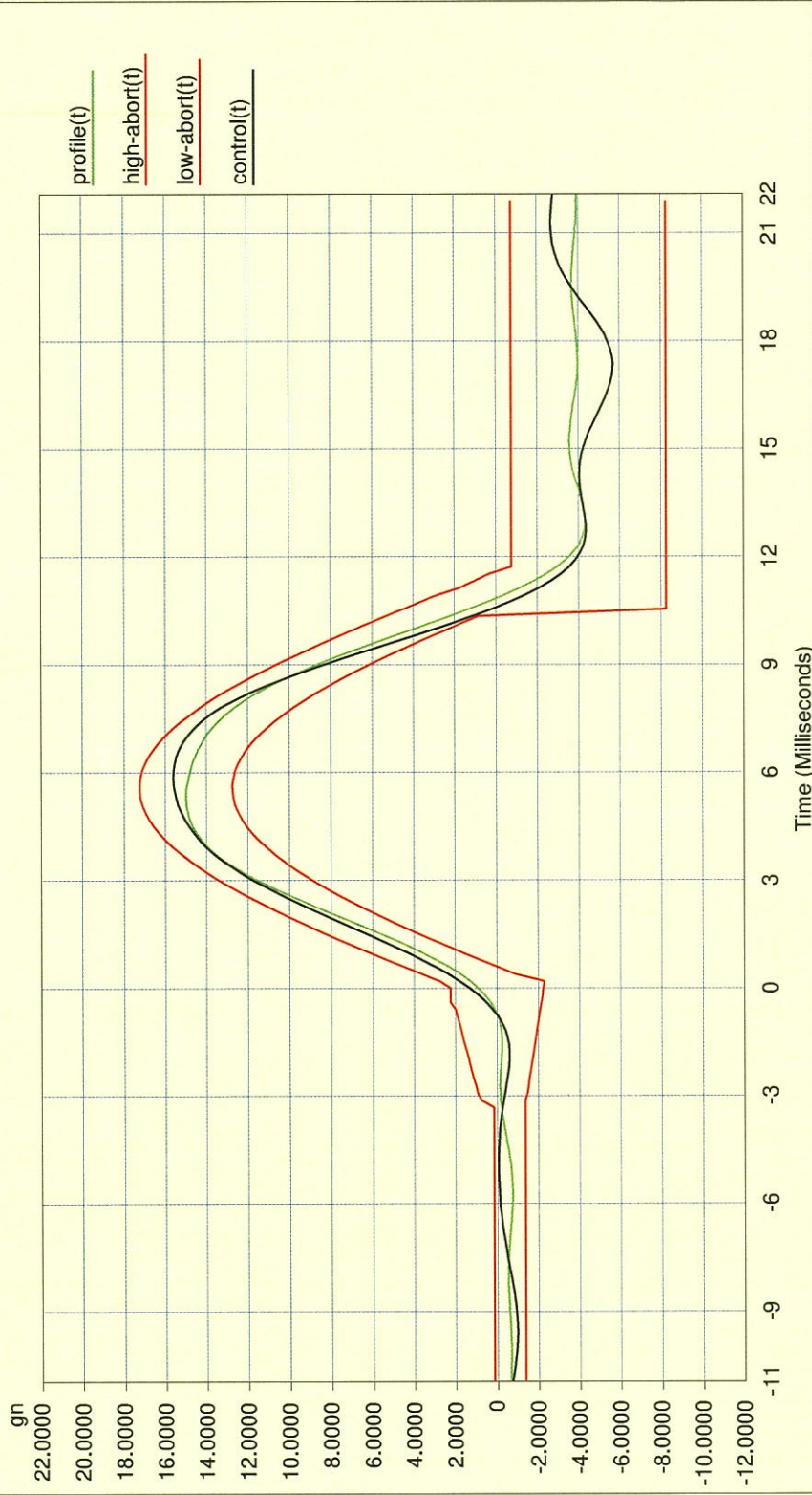




-Z axis

Project File Name: 20g 11mS Half Sine.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Apr 19, 2013 11-26-19



Level: 100 % Block Size: 2048 Elapsed Pulses: 11  
 Frame Time: 0.400000 Seconds Control Peak: 23.621088 Control RMS: 5.772104 Full Level Elapsed Pulses: 3  
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms  
 -END-

