

## TESTING / INSPECTION REPORT

REPORT NO : ST-100831-2

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 : AHP-1081(with 2.5" SATA HDD)  
DATE OF RECEIVED : 2010/08/31  
DATE OF TESTED : 2010/08/31

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 10 pages, and no part of it may be abstracted or reproduced.

Test Engineer :	<i>Eason Chen</i>
Approval Signatory :	Laboratory Head :
<i>2010.9.1. David Lee</i>	<i>Asin Tai</i> <i>Cheng</i>





## TESTING / INSPECTION REPORT

### TESTING EQUIPMENT :

- 1.Shock Testing System : KING DESIGN KD-9363EM-600F2K-50N120,  
 S/N : KDS11054986  
 2.Controller : DACTRON FRONT-End Box, S/N:4529465  
 3.Accelerometer : B&K 4399, S/N:2158445

### TEST ENVIRONMENT :

- Temperature : 22.3°C (25±10°C)  
 Relative Humidity : 64.2%RH (60±20% RH)

### SPECIMEN :

- Model : AHP-1081(with 2.5" SATA HDD)  
 Quantity : 1 piece

### TEST SPECIFICATION :


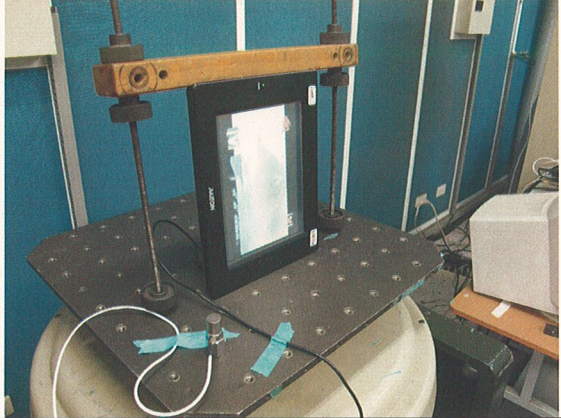

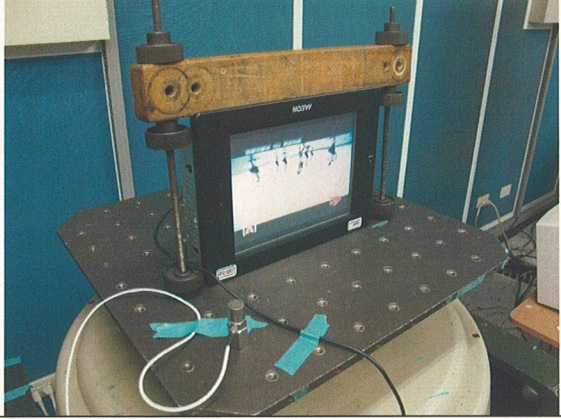
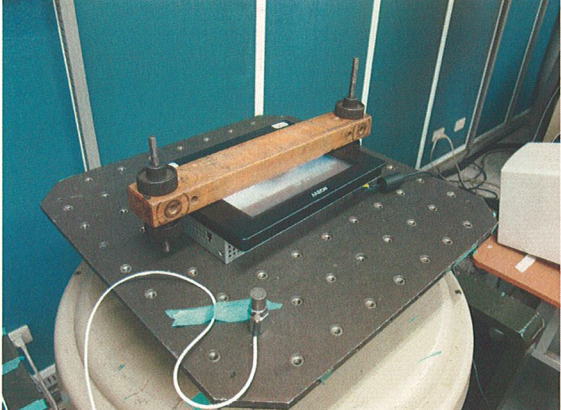
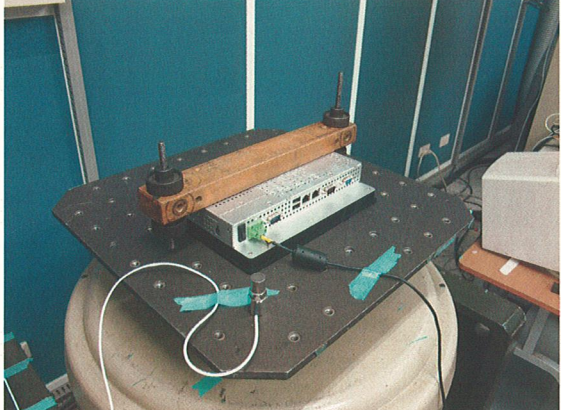
- Shock Test (Operation)  
 Wave Form : Half Sine  
 Acceleration : 20 g  
 Duration : 11 ms  
 Shock Direction : ±X, ±Y, ±Z axis  
 No. of Shock : Each axis 3 times

### TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment	√	---	---
Appearance check	√	---	---

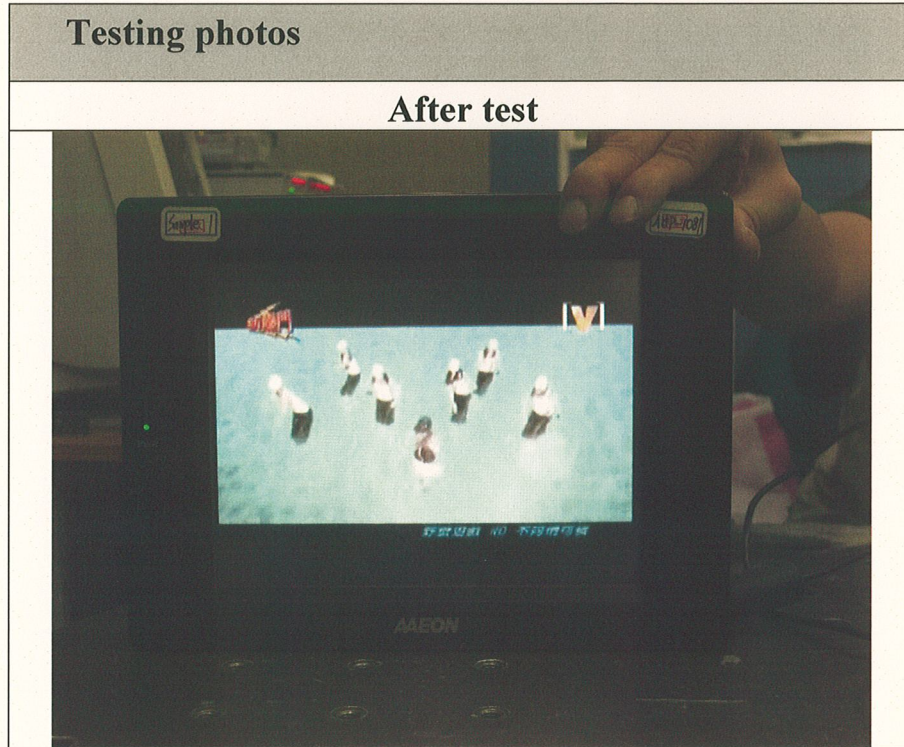


TESTING / INSPECTION REPORT

Testing photos	
<b>AXIS X</b>	<b>AXIS -X</b>
	
<b>AXIS Y</b>	<b>AXIS -Y</b>
	
<b>AXIS Z</b>	<b>AXIS -Z</b>
	



## TESTING / INSPECTION REPORT







Axis X

Project File Name: 研揚 20g 11mS.prj

Profile Name: 研揚 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Aug 31, 2010 10-00-46



Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 19.892799 Control RMS: 2.074324 Full Level Elapsed Pulses: 3  
 dt: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.049669 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms  
 Data saved at 10:01:06 AM, Tuesday, August 31, 2010 Report created at 10:01:08 AM, Tuesday, August 31, 2010



Axis -X

Project File Name: 研揚 20g 11mS.prj

Profile Name: 研揚 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Aug 31, 2010 10-03-14



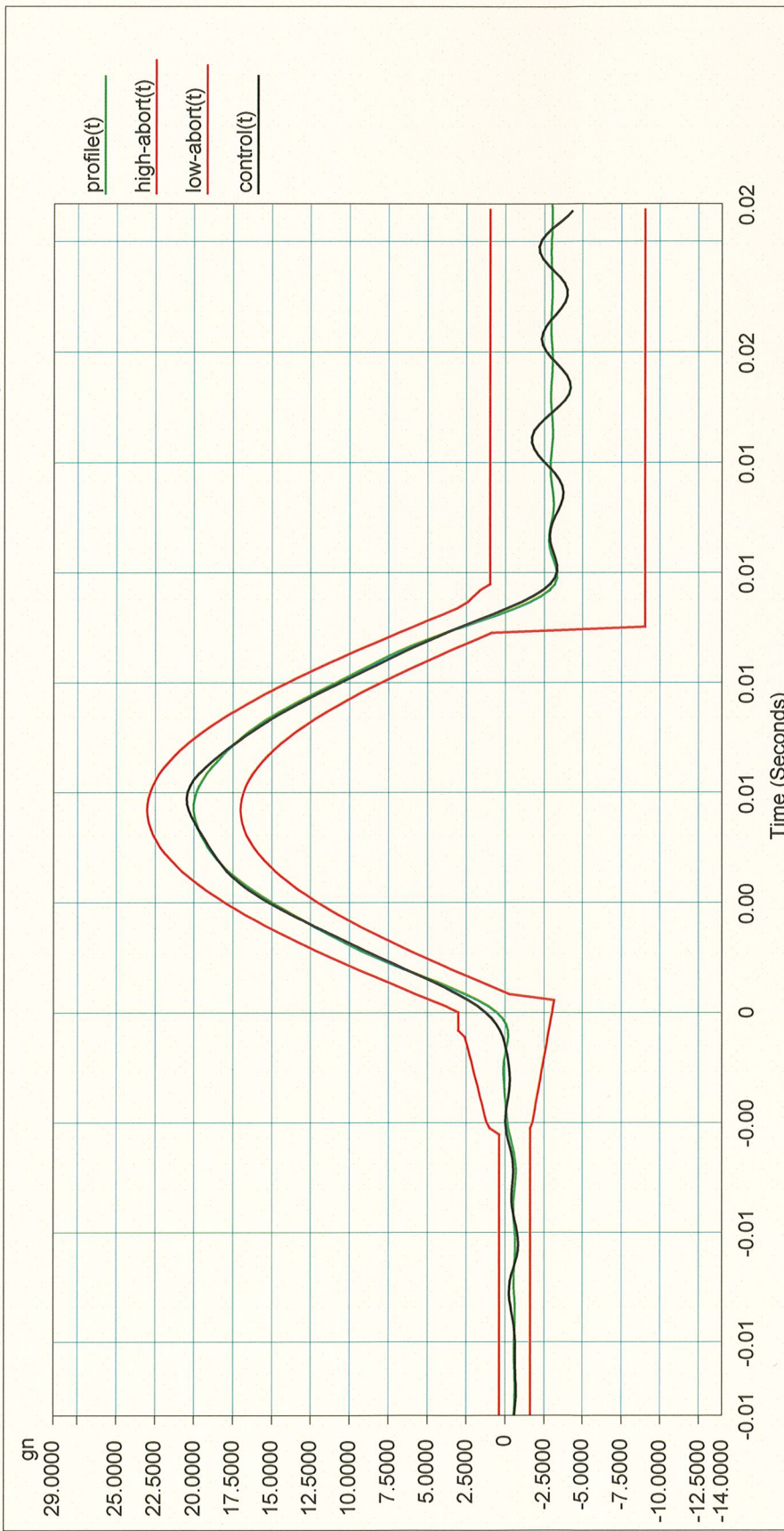
Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 20.884132 Control RMS: 2.076009 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.049669 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms  
 Data saved at 10:03:33 AM, Tuesday, August 31, 2010 Report created at 10:03:35 AM, Tuesday, August 31, 2010



Axis Y

Project File Name: 研揚 20g 11mS.prj

Profile Name: 研揚 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Aug 31, 2010 09-55-30



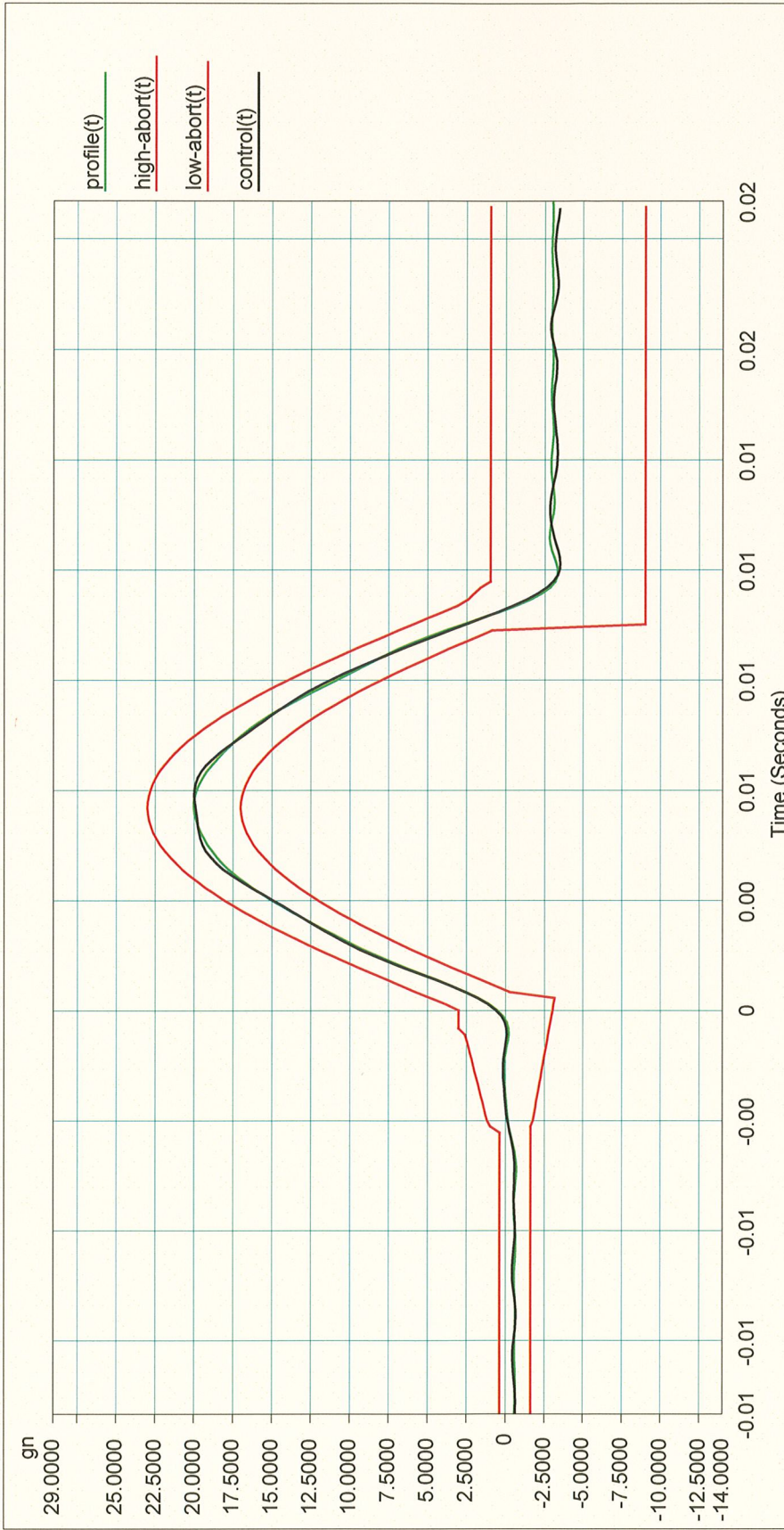
Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 20.451328 Control RMS: 2.082867 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.049669 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms  
 Data saved at 09:55:51 AM, Tuesday, August 31, 2010 Report created at 09:56:00 AM, Tuesday, August 31, 2010



Axis -Y

Project File Name: 研揚 20g 11mS.prj

Profile Name: 研揚 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Aug 31, 2010 09:57-40



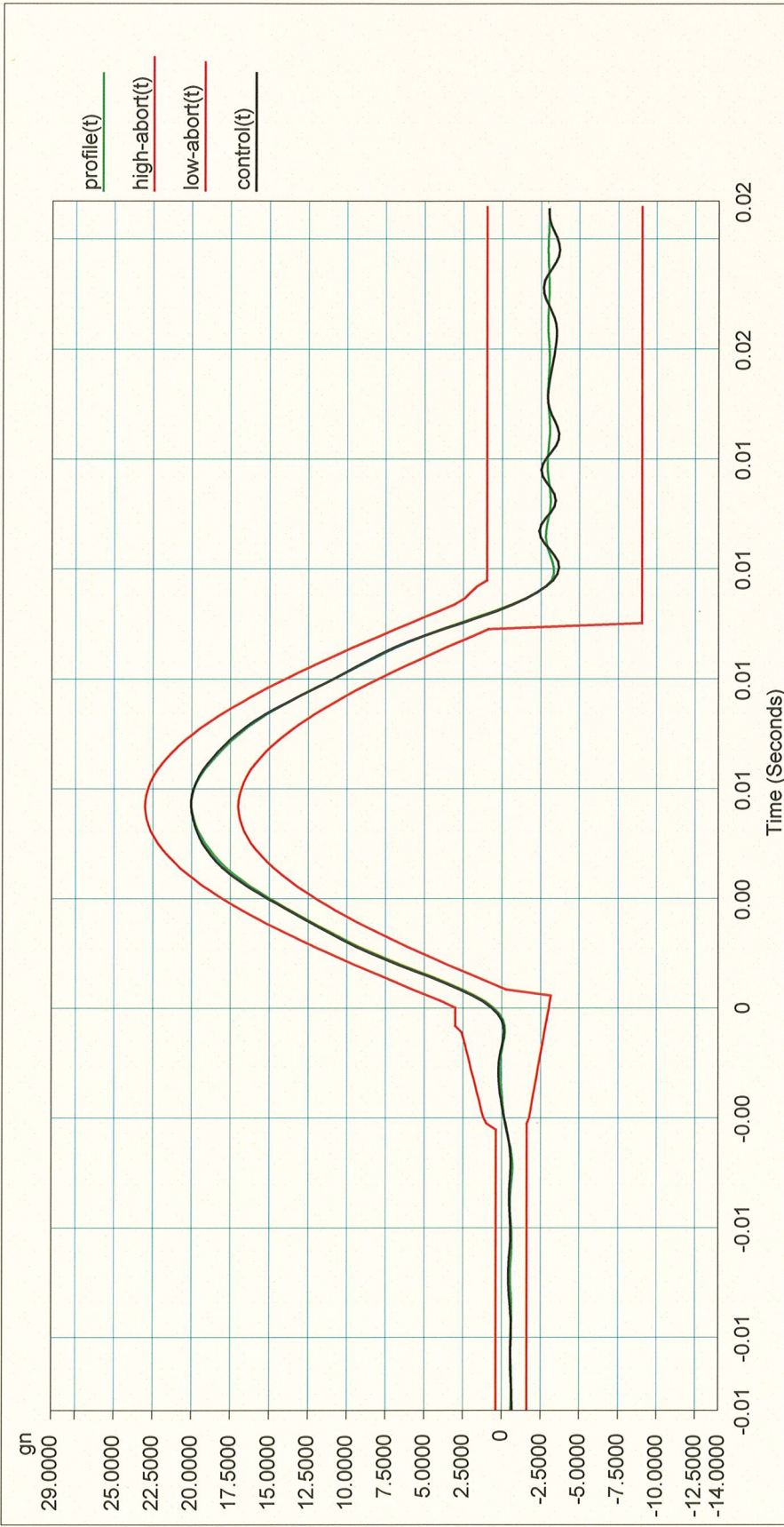
Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 19.958101 Control RMS: 2.083339 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.049669 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms  
 Data saved at 09:57:59 AM, Tuesday, August 31, 2010 Report created at 09:58:11 AM, Tuesday, August 31, 2010



Axis Z

Project File Name: 研揚 20g 11mS.prj

Profile Name: 研揚 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Aug 31, 2010 09-48-29



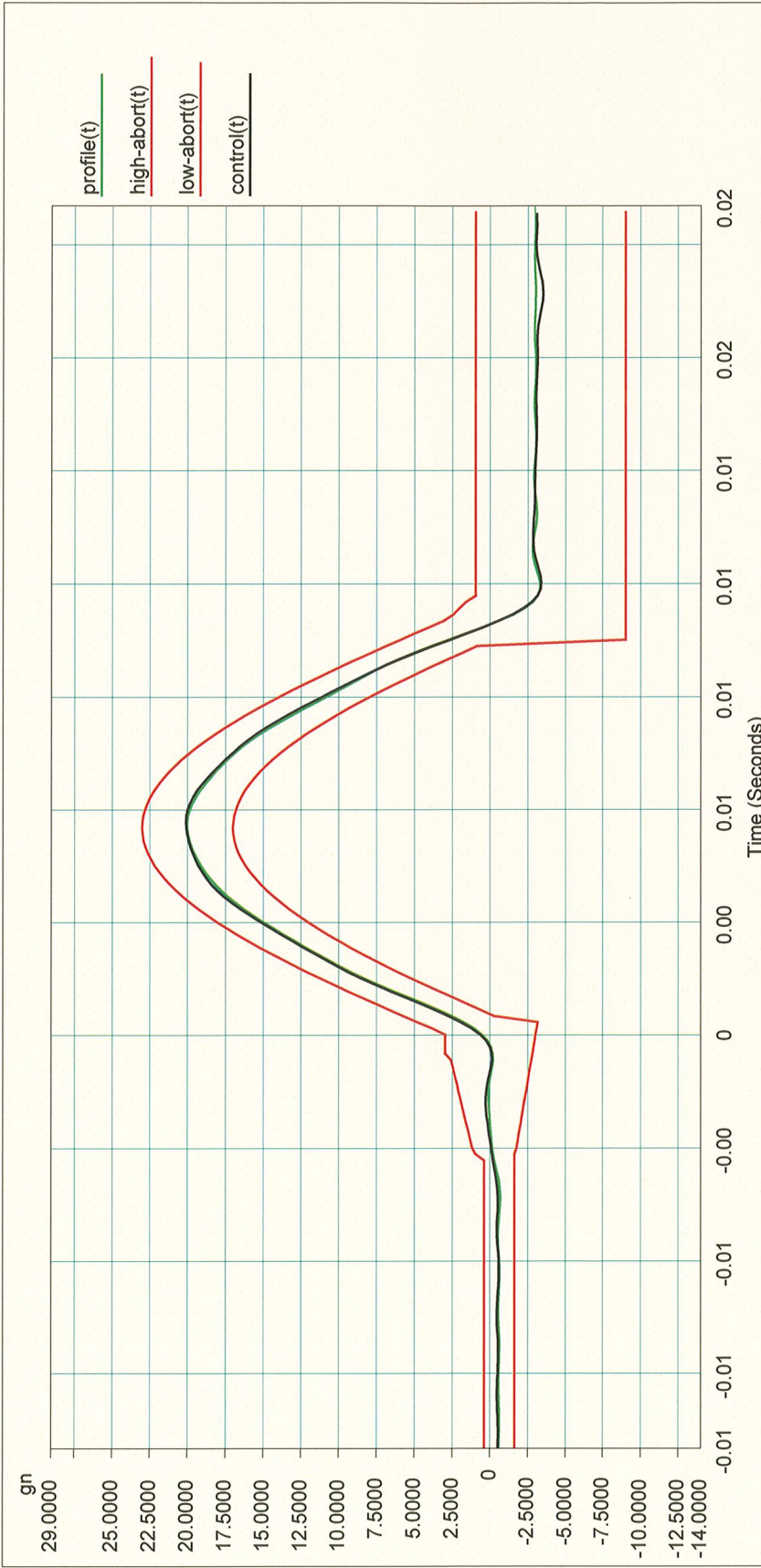
Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 20.010746 Control RMS: 2.078275 Full Level Elapsed Pulses: 3  
 dT: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.049669 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms  
 Data saved at 09:48:50 AM, Tuesday, August 31, 2010 Report created at 09:49:04 AM, Tuesday, August 31, 2010



Axis -Z

Project File Name: 研揚 20g 11mS.prj

Profile Name: 研揚 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Aug 31, 2010 09-50-41



Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
 Frame Time: 0.682667 Seconds Control Peak: 20.076050 Control RMS: 2.080710 Full Level Elapsed Pulses: 3  
 dt: 0.000167 Seconds Demand Peak: 20.000000 Demand RMS: 2.049669 Remaining Pulses: 0  
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms  
 Data saved at 09:51:01 AM, Tuesday, August 31, 2010 Report created at 09:51:02 AM, Tuesday, August 31, 2010

-END-