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VIBRATION LABORATORY  
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## TESTING / INSPECTION REPORT

DATE : October 14, 2003

REPORT NO : ST-031013-1

COMPANY : AAEON Technology Inc.  
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

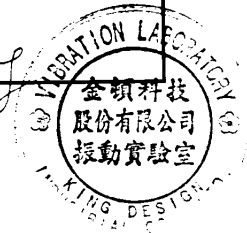
SPECIMEN : ARC-604

TEST / INSPECTION ITEMS : Shock Test (See Page 2)

### REMARKS :

- The results only apply to the device under test.
- This report is 10 pages, and no part of it may be abstracted or reproduced.
- Attached pages are controlling pulse of shock test.

Test Engineer : <i>Dennis</i>	
Approved by : <i>2003.10.15 Dave Lee</i>	Laboratory Head : <i>Dennis Tay</i>



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## TESTING / INSPECTION REPORT

### TESTING EQUIPMENT :

1. Shock Tester : KING DESIGN (KD-9363EM-1000F2K-50N120,  
S/N : GUG02102091)  
2. Controller : DACTRON (FRONT-End Box, S/N:7459933)  
3. Control Accelerometer : Wilcoxon Research (WR-777 , S/N:4207)

### TEST ENVIRONMENT :

- Temperature : 25± 2°C  
Humidity : 70± 20% RH

### SPECIMEN :

- Model : ARC-604  
Quantity : 1 piece

### SHOCK TEST SPECIFICATION :

- Wave Form : Half sine wave  
Acceleration : 15 g  
Duration Time : 11 ms  
No. of Shock : Each axis 3 times  
Shock Direction : +X, -X, +Y, -Y, +Z, -Z axis

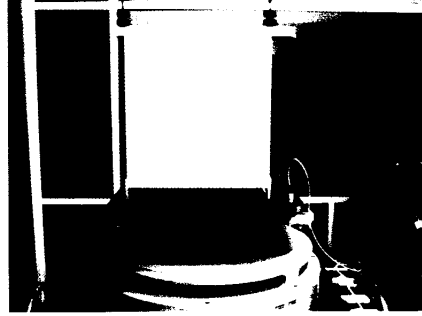
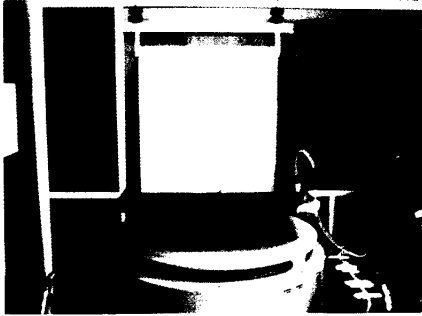
### TEST RESULT :

Appearance check : No damage

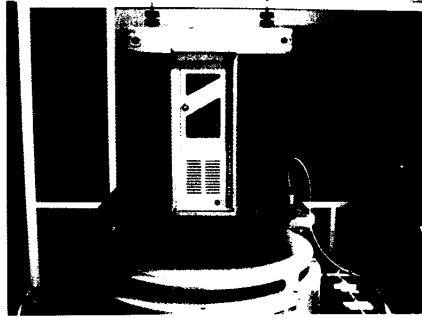
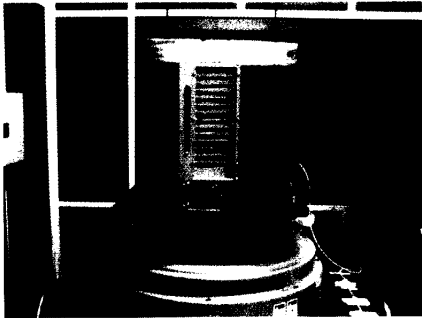
## TESTING / INSPECTION REPORT

### Testing photos

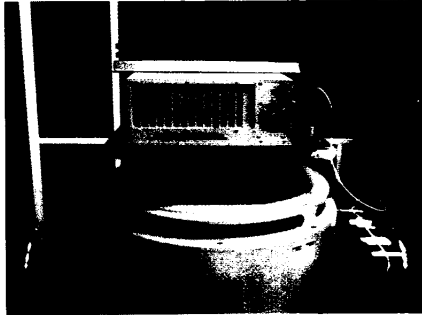
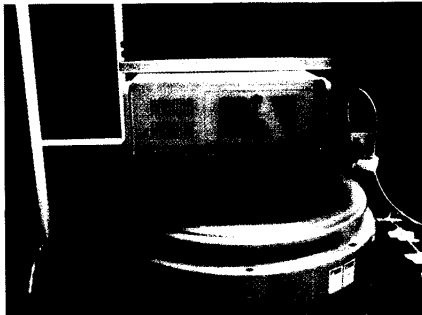
#### AXIS $\pm$ X



#### AXIS $\pm$ Y



#### AXIS $\pm$ Z



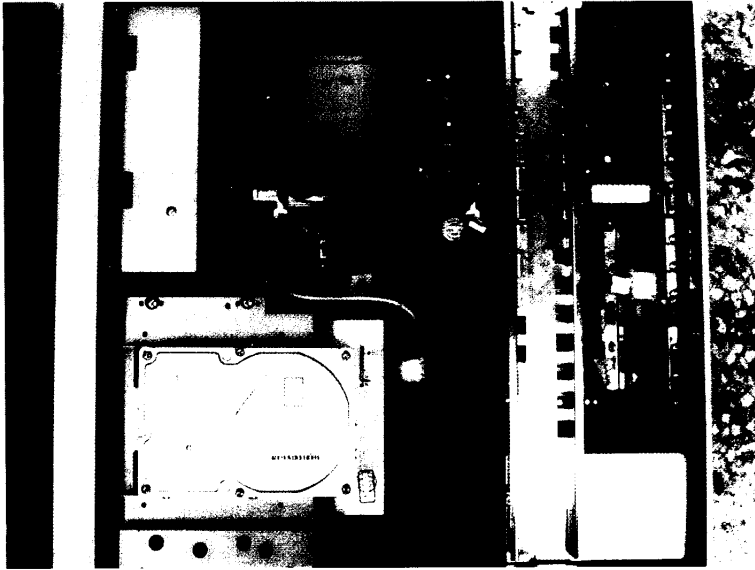
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## TESTING / INSPECTION REPORT

### Testing photos

#### After test



Axis x

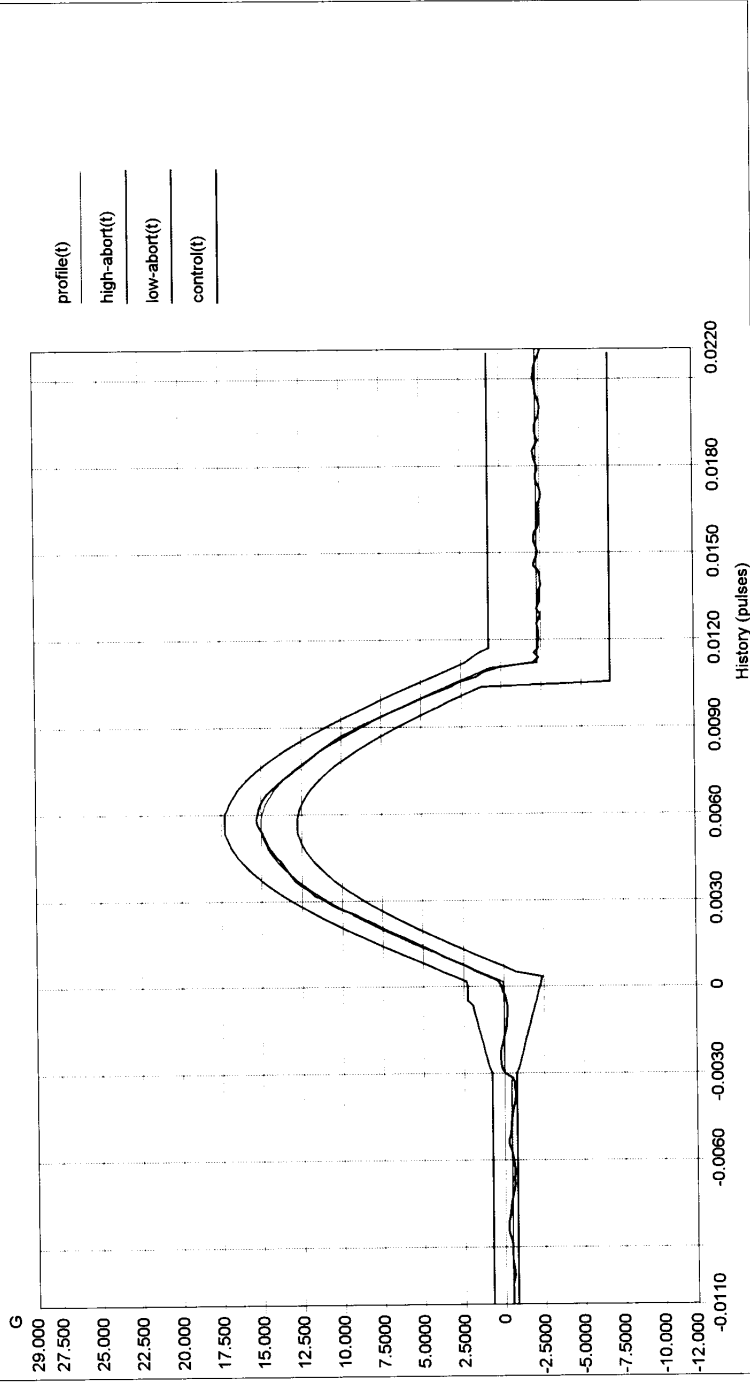
Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder:

.Run Oct 13, 2003 03:27-20



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 15.293550 G Control RMS: 1.512076 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.495993 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

Data saved at 03:27:40 AM, Monday, October 13, 2003 Report created at 03:27:41 AM, Monday, October 13, 2003

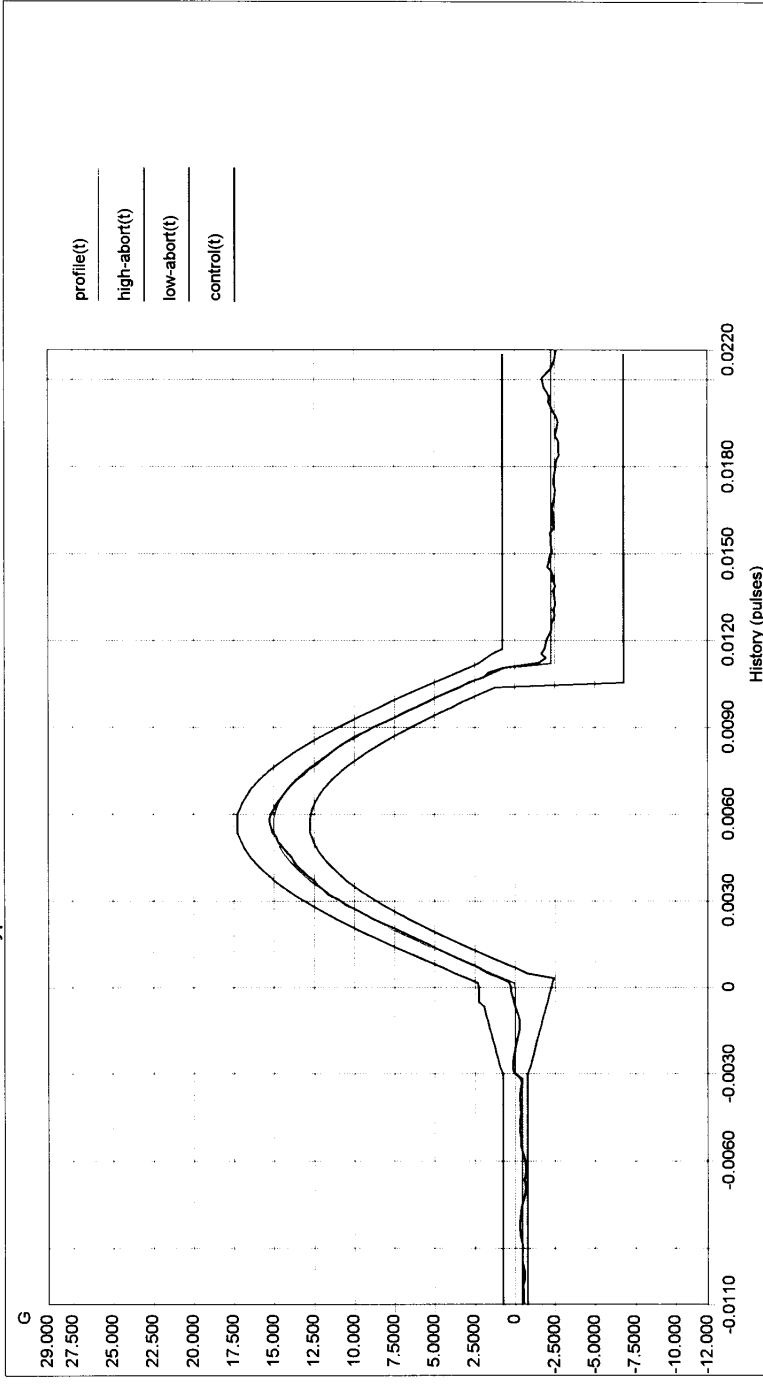
Axis -x

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Oct 13,2003 03-33-07



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 15.259336 G Control RMS: 1.503985 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.495993 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

Data saved at 03:33:28 AM, Monday, October 13, 2003 Report created at 03:33:29 AM, Monday, October 13, 2003

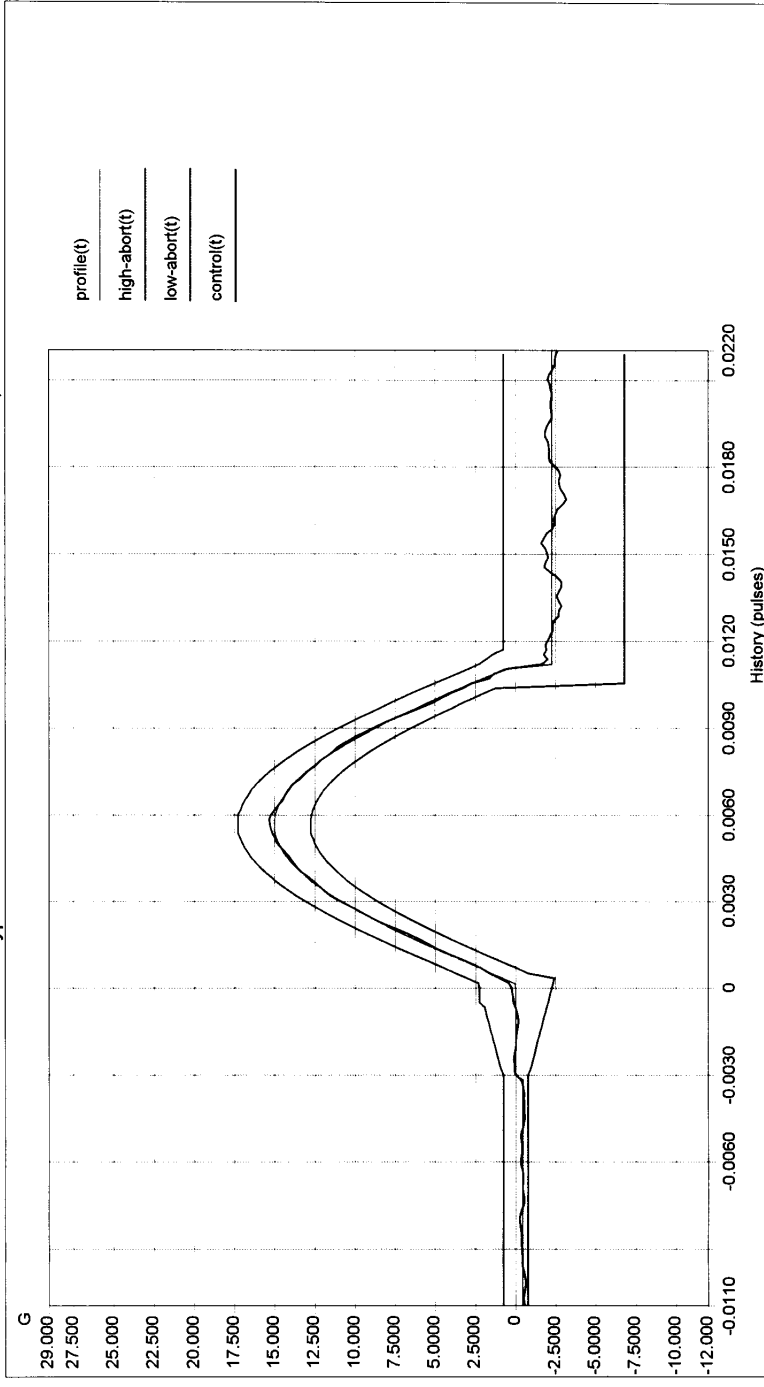
Axis y

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: \Run Oct 13, 2003 03-18-29



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 15.335014 G Control RMS: 1.509398 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.495993 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

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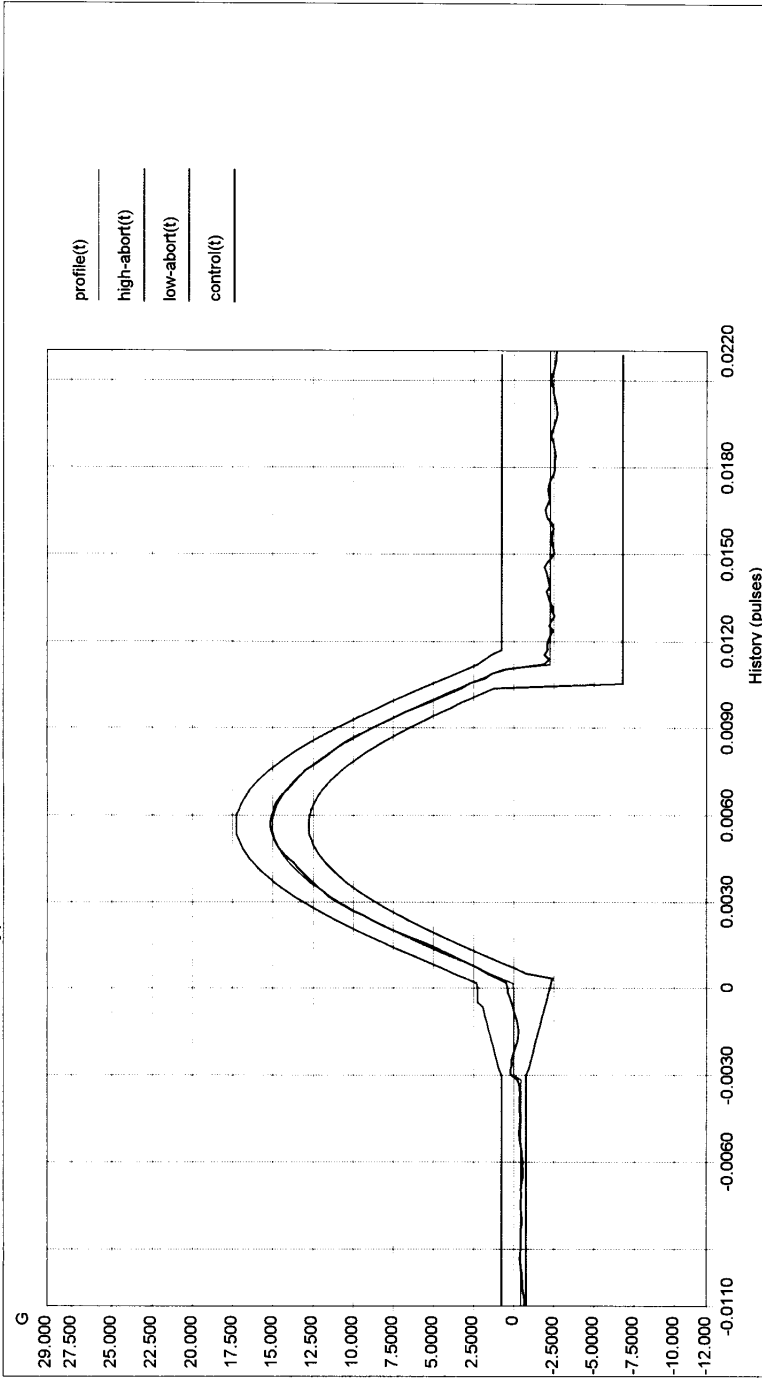
Axis -y

Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Oct 13, 2003 03-22-26



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 15.161235 G Control RMS: 1.505639 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.495993 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

Data saved at 03:22:46 AM, Monday, October 13, 2003 Report created at 03:22:47 AM, Monday, October 13, 2003



Axis Z

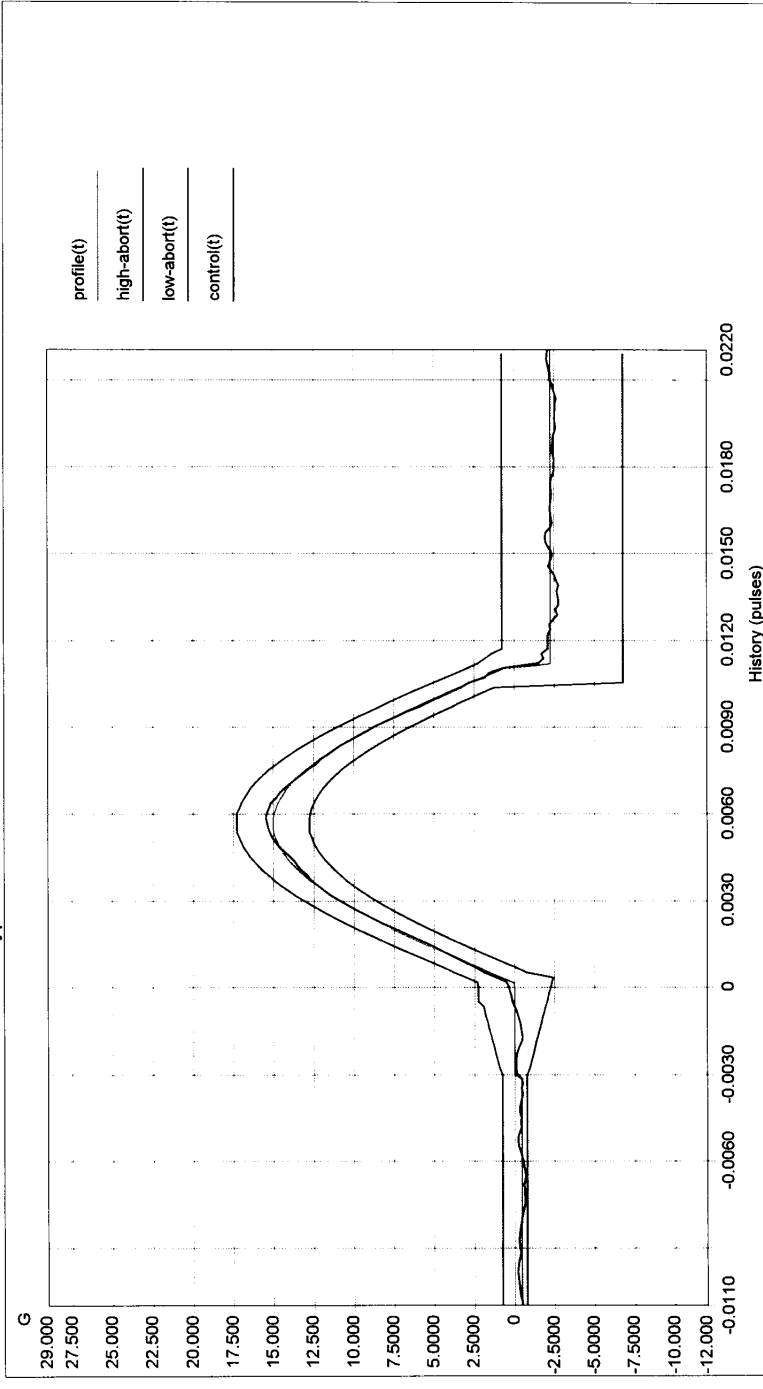
Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder: .\Run

Oct 13, 2003 15:07:10



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 15.471416 G Control RMS: 1.510085 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.499993 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

Data saved at 03:07:36 PM, Monday, October 13, 2003 Report created at 03:07:38 PM, Monday, October 13, 2003

Axis-Z

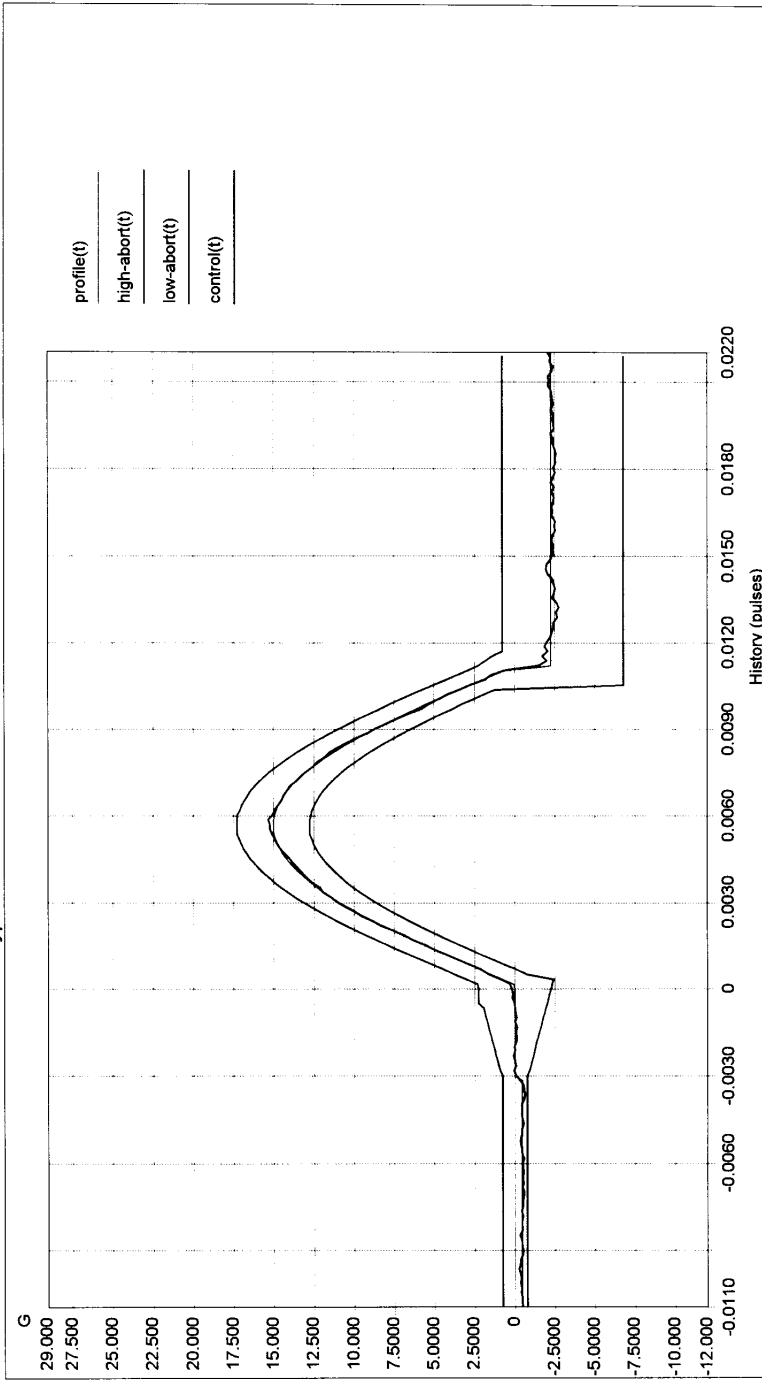
Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder:

.Run Oct 13, 2003 03:13:29



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 15.304291 G Control RMS: 1.510838 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.999999 G Demand RMS: 1.495993 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 14.999999 G Pulse Width: 11.000001 ms

Data saved at 03:13:49 AM, Monday, October 13, 2003 Report created at 03:13:50 AM, Monday, October 13, 2003