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Reliability & Communication Testing Instruments

VIBRATION LABORATORY  
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## TESTING / INSPECTION REPORT

DATE : February 21,2001  
REPORT NO : ST-010221-5

COMPANY : AAEON Technology Inc.  
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SPECIMEN : Pro-3000

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

### REMARKS :

- The results only apply to the device under test.
- This report is 9 pages, and no part of it may be abstracted or reproduced.
- Attached pages are controlling pulse of shock test.

Test Engineer : <i>Chiping</i>	
Approved by : <i>2001.4.4 Dave Lee</i>	Laboratory Head : <i>Allen Liu</i>



TELECOMS / VIBRATION / SHOCK INSTRUMENTS



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### TESTING EQUIPMENT :

- 1.Vibration Tester: KING DESIGN (KD-9363-600F2K-50N120,  
S/N: KDS11054783)
- 2.Controller: DACTRON (DSC System Version 0.922, S/N:635651)
- 3.Control Accelerometer: Wilcoxon Research (WR-777 , S/N:4207)

### TEST ENVIRONMENT :

- Temperature :  $20 \pm 2^{\circ}\text{C}$   
Humidity :  $70 \pm 20\% \text{ RH}$

### SPECIMEN :

- Model : Pro-3000  
Quantity : 1 piece

### SHOCK TEST SPECIFICATION :

- Wave Form : Half Sine wave  
Acceleration : 20 g  
Duration Time : 11 ms  
No. of Shock : Each axis 1 time  
Shock Direction : Bottom, Left, Top, Left, Front, Back axis

### TEST RESULT :

Appearance & function check :

**The pass or failed judgment by AAEON engineers.**

## TESTING / INSPECTION REPORT

### Testing photos

**Bottom**



**Left**



**Top**



**Right**



**Front**



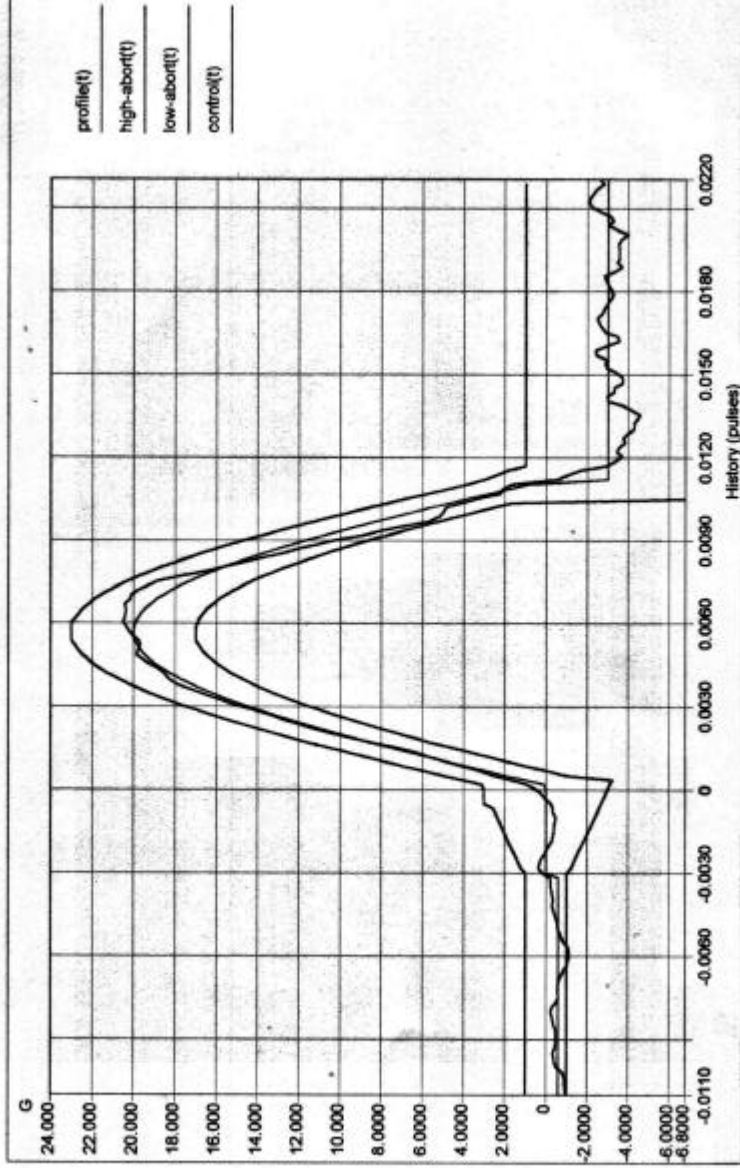
**Back**



PRO3000 BOTTOM

Project File Name: Untitled  
Profile Name: 20G 11mSec

Test Type: Classical Shock Run Folder: \Run Feb 21,2001 15-37-07



Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
Frame Time: 0.682667 Seconds Control Peak: 20.497341 G Control RMS: 2.038409 G Full Level Elapsed Pulses: 1  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.994657 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

Data saved at 03:37:32 PM, Wednesday, February 21, 2001 Report created at 03:37:36 PM, Wednesday, February 21, 2001

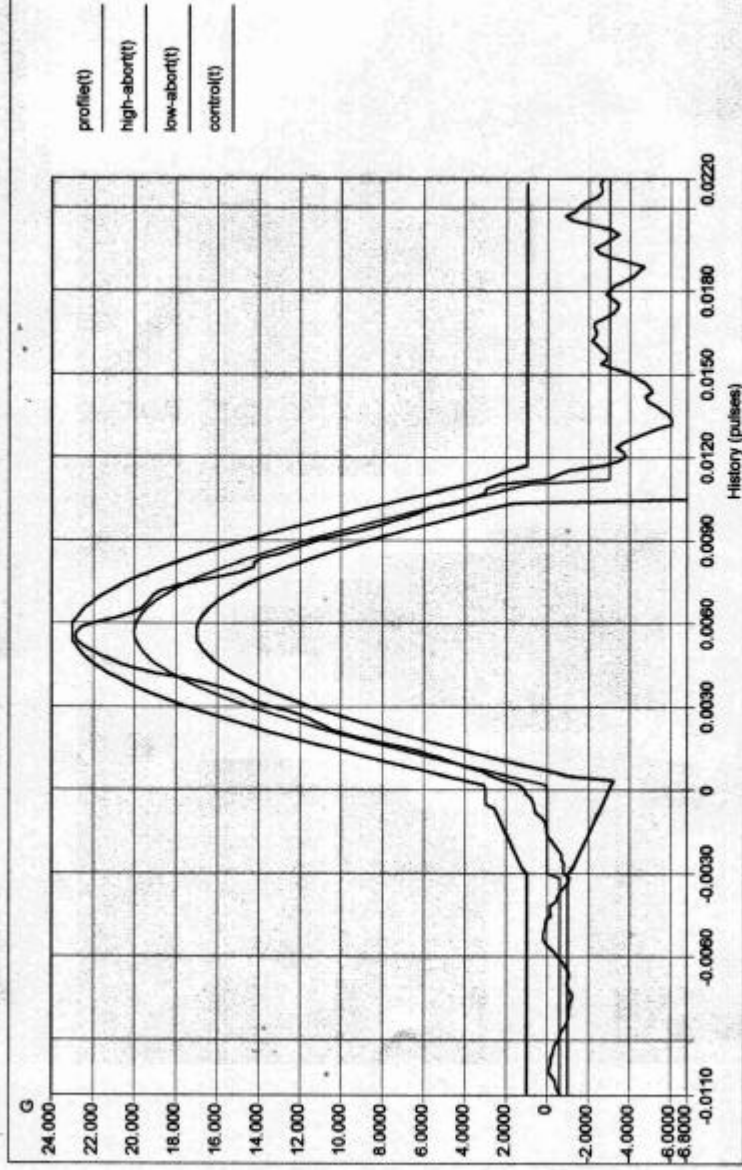
PRO3000 LEFT

Project File Name: Untitled

Profile Name: 20G 11mSec

Test Type: Classical Shock

Run Folder: \Run Feb 21, 2001 15-38-47



Level: 100 % Block Size: 4096 Elapsed Pulses: 11

Frame Time: 0.682667 Seconds Control Peak: 22.880674 G Control RMS: 2.063576 G Full Level Elapsed Pulses: 1

dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.994657 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

Data saved at 03:39:13 PM, Wednesday, February 21, 2001 Report created at 03:39:15 PM, Wednesday, February 21, 2001

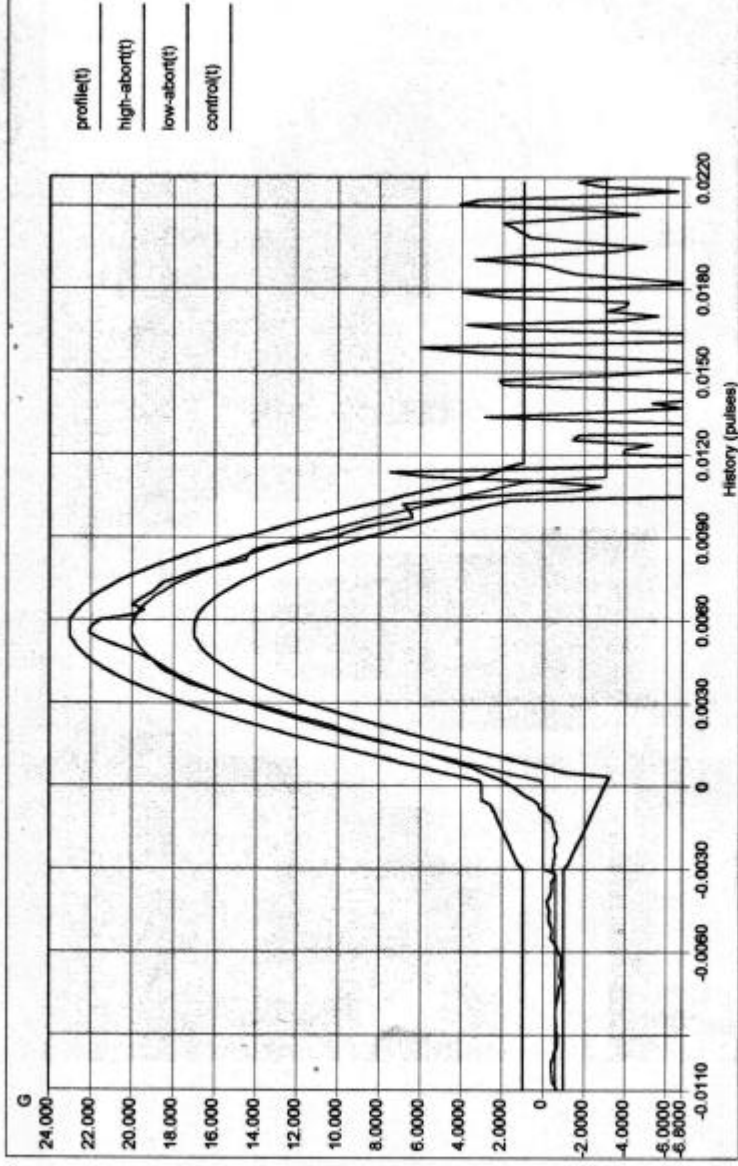
PRO3000 TOP

Project File Name: Untitled

Profile Name: 20G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Feb 21, 2001 15-41-24



Level: 100 % Block Size: 4096 Elapsed Pulses: 11

Frame Time: 0.682667 Seconds Control Peak: 22.064369 G Control RMS: 2.382279 G Full Level Elapsed Pulses: 1

dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.994657 G Remaining Pulses: 0

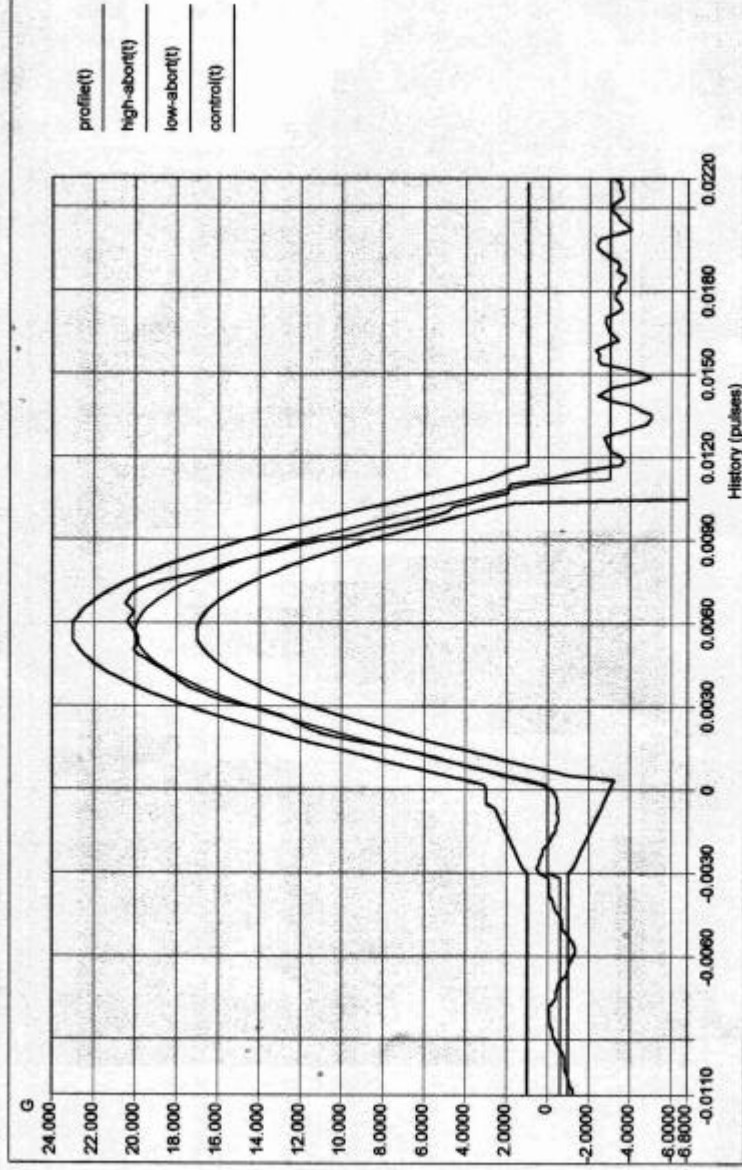
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

Data saved at 03:41:54 PM, Wednesday, February 21, 2001 Report created at 03:41:55 PM, Wednesday, February 21, 2001

PRO3000 RIGHT

Project File Name: Untitled  
Profile Name: 20G 11mSec

Test Type: Classical Shock Run Folder: \Run Feb 21,2001 15-39-51



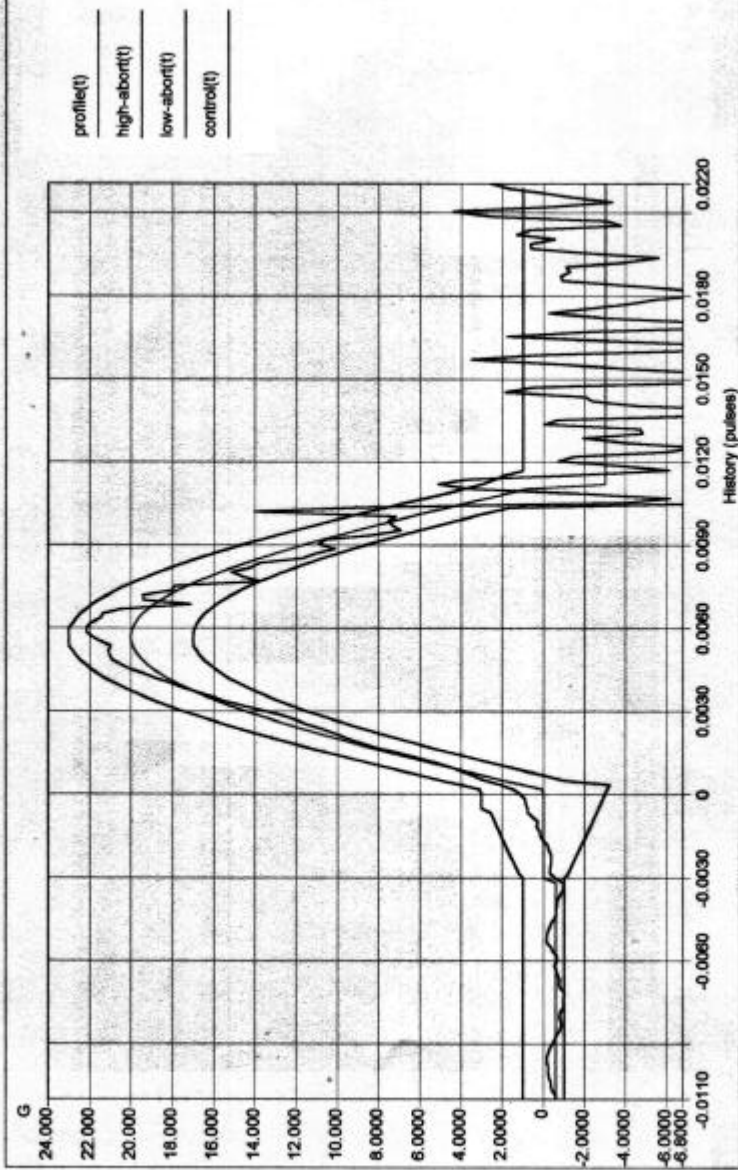
Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
Frame Time: 0.682667 Seconds Control Peak: 20.453758 G Control RMS: 2.049431 G Full Level Elapsed Pulses: 1  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.994657 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

Data saved at 03:40:18 PM, Wednesday, February 21, 2001 Report created at 03:40:20 PM, Wednesday, February 21, 2001

PRO3000 FRONT

Project File Name: Untitled  
Profile Name: 20G 11mSec

Test Type: Classical Shock Run Folder: \Run Feb 21, 2001 15-43-55



Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
Frame Time: 0.682667 Seconds Control Peak: 22.152966 G Control RMS: 2.269261 G Full Level Elapsed Pulses: 1  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.994657 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

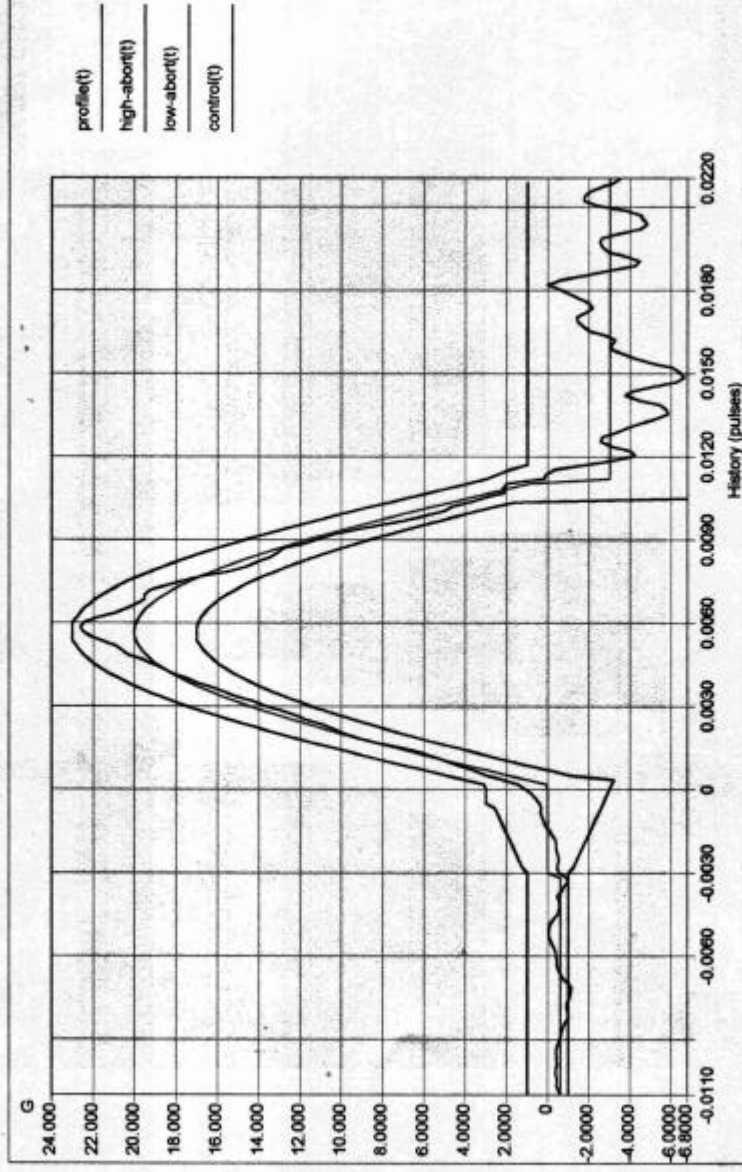
Data saved at 03:44:21 PM, Wednesday, February 21, 2001 Report created at 03:44:23 PM, Wednesday, February 21, 2001



PRO3000 BACK

Project File Name: Untitled  
Profile Name: 20G 11mSec

Test Type: Classical Shock Run Folder: \Run Feb 21, 2001 15-42-46



Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
Frame Time: 0.682667 Seconds Control Peak: 22.599886 G Control RMS: 2.067072 G Full Level Elapsed Pulses: 1  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.994657 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

Data saved at 03:43:10 PM, Wednesday, February 21, 2001 Report created at 03:43:12 PM, Wednesday, February 21, 2001