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Reliability & Communication Testing Instruments

VIBRATION LABORATORY  
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## TESTING / INSPECTION REPORT

DATE : February 21, 2001  
REPORT NO : ST-010221-4

COMPANY : AAEON Technology Inc.  
5F, No.135, Lane 235, Pao Chiao Rd.  
Hsin-Tien City, Taipei, Taiwan, R. O. C.  
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SPECIMEN : AMB-2003-HTT-C1

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>2001.2.21 Dave Lee</i>	Laboratory Head : <i>2001.2.21 Hung Chen</i>





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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 : AMB-2003-HTT-C1  
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**



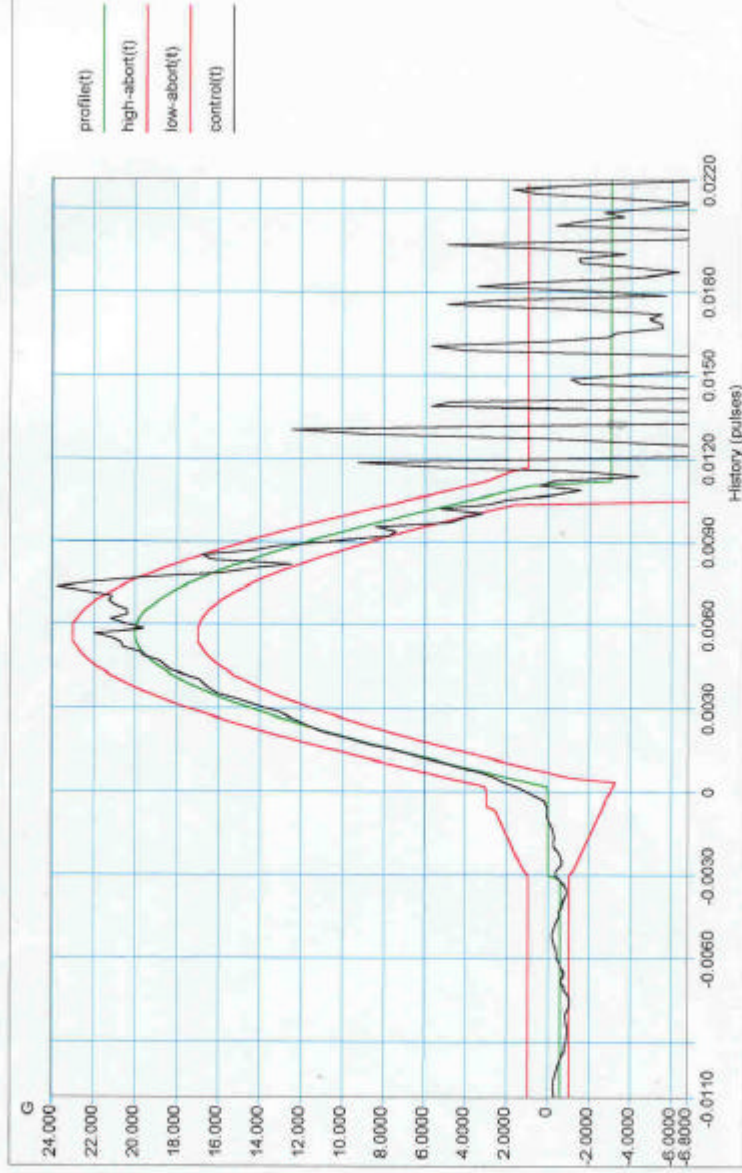
AMB-2003-HTT-C1 BOTTOM

Project File Name: Untitled

Profile Name: 20G 11mSec

Test Type: Classical Shock

Run Folder: \Run Feb 21, 2001 16-00-34



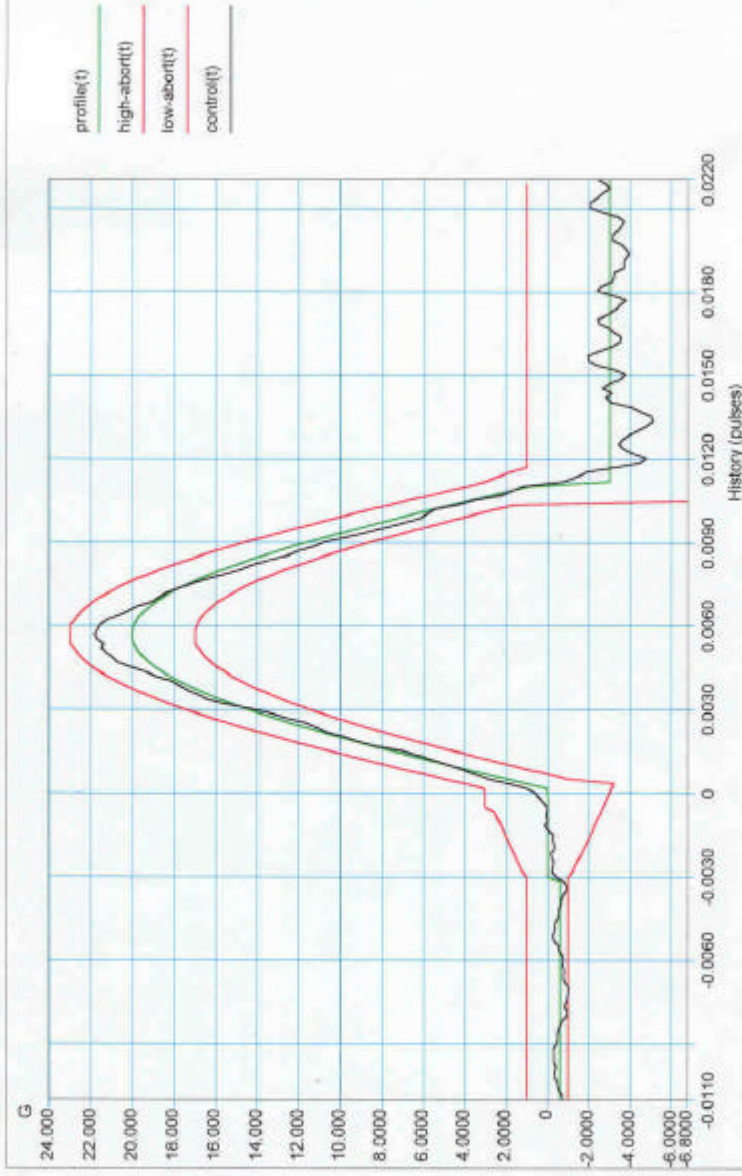
Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
Frame Time: 0.682667 Seconds Control Peak: 23.777576 G Control RMS: 2.353789 G Full Level Elapsed Pulses: 1  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.994657 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms

Data saved at 04:00:58 PM, Wednesday, February 21, 2001 Report created at 04:00:59 PM, Wednesday, February 21, 2001

AMB-2003-HTT-C| LEFT

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

Test Type: Classical Shock Run Folder: \Run Feb 21, 2001 16-03-03



Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
Frame Time: 0.682667 Seconds Control Peak: 21.790388 G Control RMS: 2.053505 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

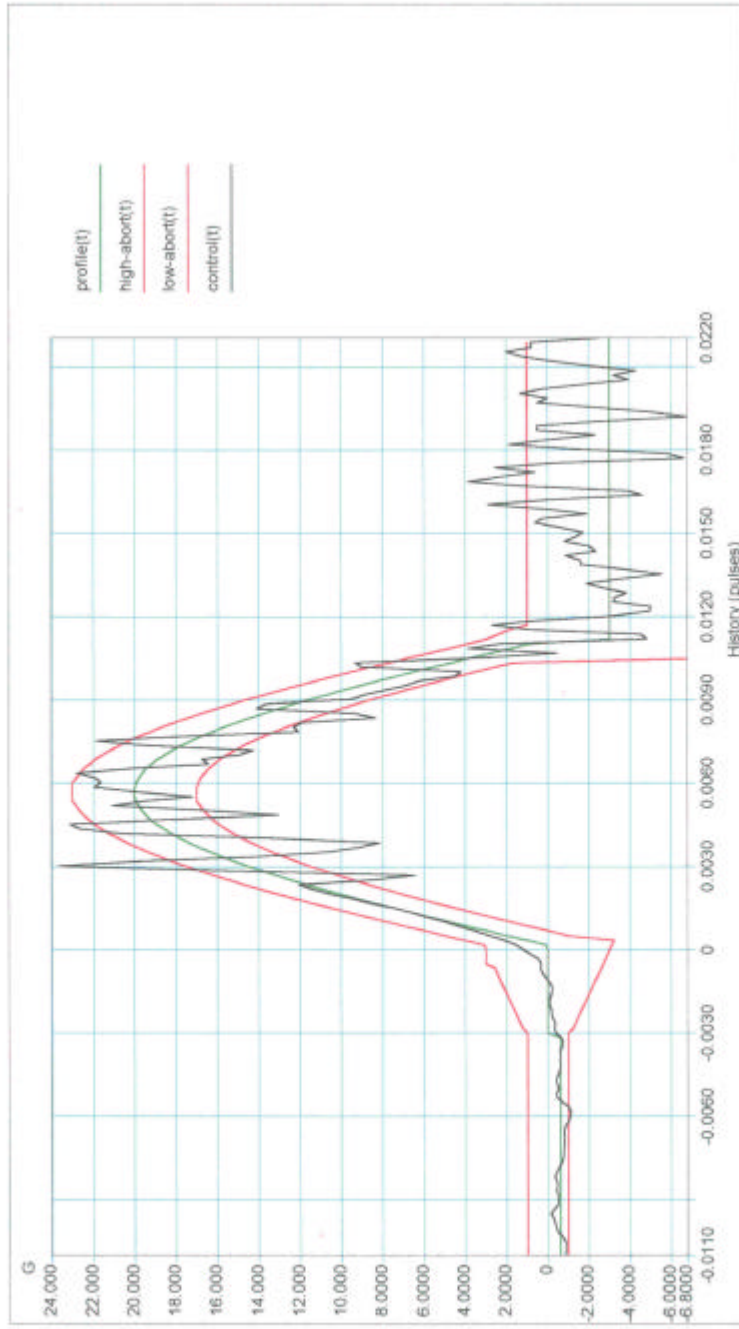
Data saved at 04:03:23 PM, Wednesday, February 21, 2001 Report created at 04:03:24 PM, Wednesday, February 21, 2001



AMB-2003-HTT-C1 TOP

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

Test Type: Classical Shock Run Folder: \Run Feb 21, 2001 16-04-25

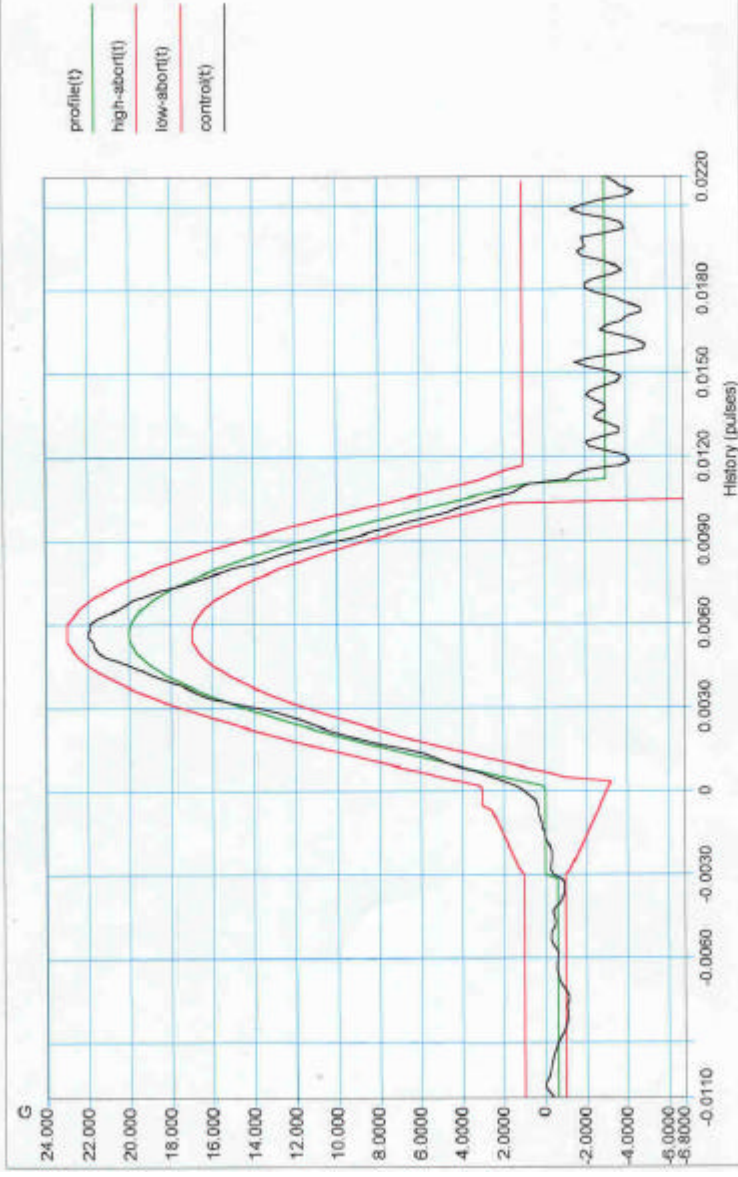


Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
Frame Time: 0.682667 Seconds Control Peak: 23.657808 G Control RMS: 2.615589 G Full Level Elapsed Pulses: 1  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.994657 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms  
Data saved at 04:04:59 PM, Wednesday, February 21, 2001 Report created at 04:05:01 PM, Wednesday, February 21, 2001

AMB-2003-HIT-C1 RIGHT

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

Test Type: Classical Shock  
Run Folder: \Run Feb 21, 2001 16-06-30

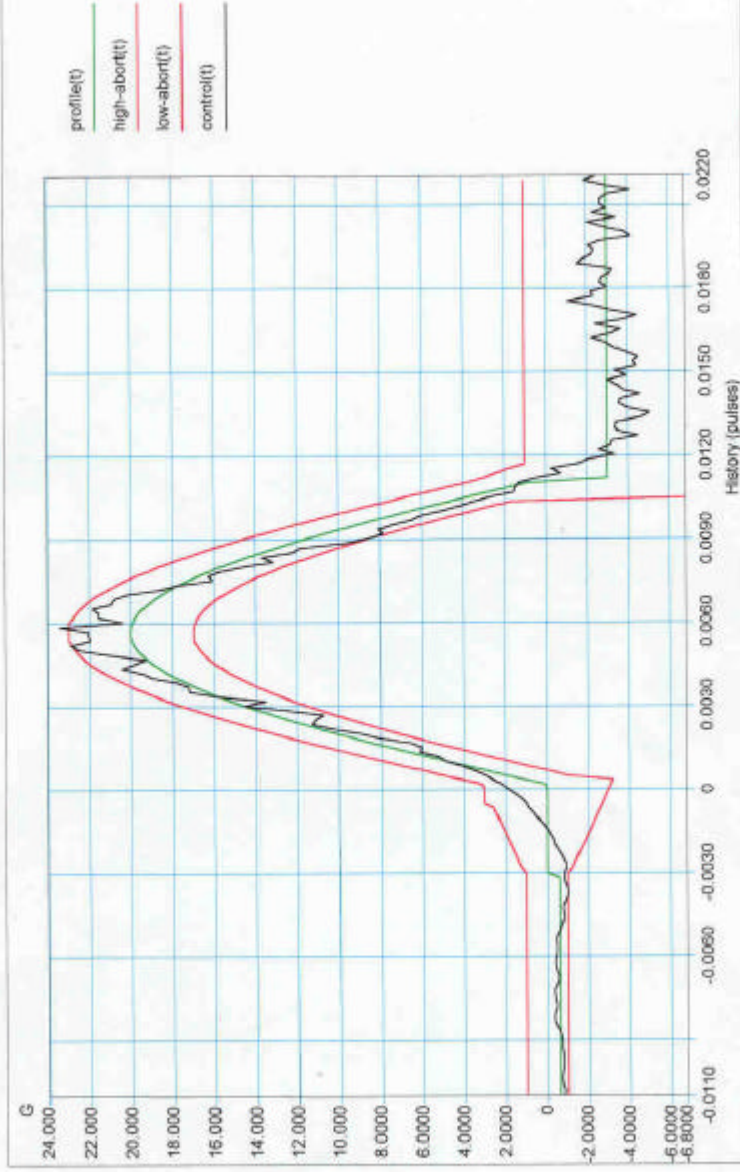


Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
Frame Time: 0.682667 Seconds Control Peak: 21.959295 G Control RMS: 2.049141 G Full Level Elapsed Pulses: 1  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.994657 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms  
Data saved at 04:07:31 PM, Wednesday, February 21, 2001 Report created at 04:07:32 PM, Wednesday, February 21, 2001

AMB-2003-HTT-C1 FRONT

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

Test Type: Classical Shock Run Folder: \Run Feb 21, 2001 16-09-46



Level: 100 % Block Size: 4096 Elapsed Pulses: 7  
Frame Time: 0.682667 Seconds Control Peak: 23.386339 G Control RMS: 2.055833 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 04:10:19 PM, Wednesday, February 21, 2001 Report created at 04:10:20 PM, Wednesday, February 21, 2001



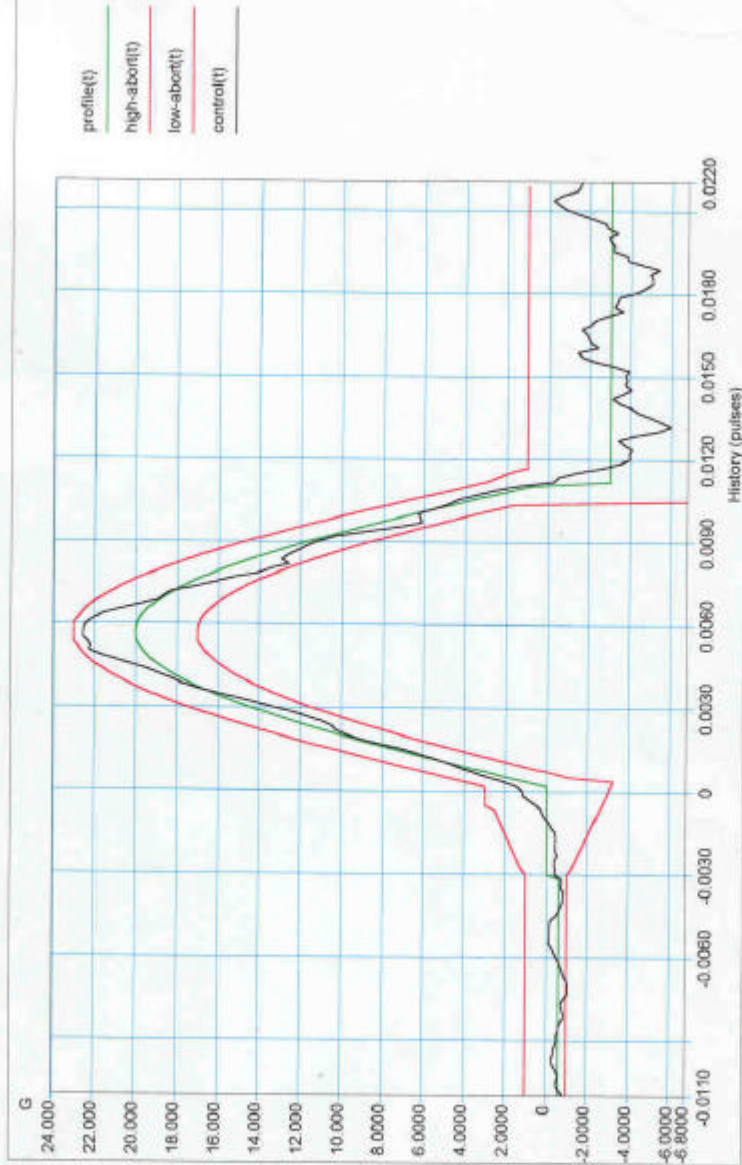
AMB-2003-HTT-C1 BACK

Project File Name: Untitled

Profile Name: 20G 11mSec

Test Type: Classical Shock

Run Folder: \Run Feb 21, 2001 16-07-49



Level: 100 % Block Size: 4096 Elapsed Pulses: 11  
Frame Time: 0.682667 Seconds Control Peak: 22.538748 G Control RMS: 2.064571 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: 11.000000 ms

Data saved at 04:08:38 PM, Wednesday, February 21, 2001 Report created at 04:08:39 PM, Wednesday, February 21, 2001