



KING DESIGN INDUSTRIAL CO., LTD.  
5F, NO. 3, LANE 94, TSAO TI WEI, SHEN KENG  
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Reliability & Communication Testing Instruments

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0424

## TESTING / INSPECTION REPORT

DATE : July 17, 2000  
REPORT NO : ST-000717-3

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 : Modular System Industrial Workstation  
with 12.1" Flat-panel and Keyboard

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>Dave Lee</i>
Laboratory Head :	<i>2000/7/20 Hung</i>





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### TESTING EQUIPMENT :

1. Shock Testing System : (KD-DP-1200-60, S/N:KDS11054983)
2. Controller : (KD-1200-03C, S/N:KD674)
3. Accelerometer : (WR-732AT, S/N:871)

### TEST ENVIRONMENT :

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

### SPECIMEN :

- Model : AMB-2420  
Quantity : 1 piece

### SHOCK TEST SPECIFICATION :

- Wave Form : Half Sine wave  
Acceleration : 10 g  
Duration Time : 11 ms  
No. of Shock : Each axis 3 times  
Shock Direction : Bottom, Left, Top, Right, Front, Back axis

### TEST RESULT :

- Appearance check : No damage

## TESTING / INSPECTION REPORT

### Testing photos

**Bottom**



**Left**



**Top**



**Right**



**Front**



**Back**



AMB-2429 BOTTOM

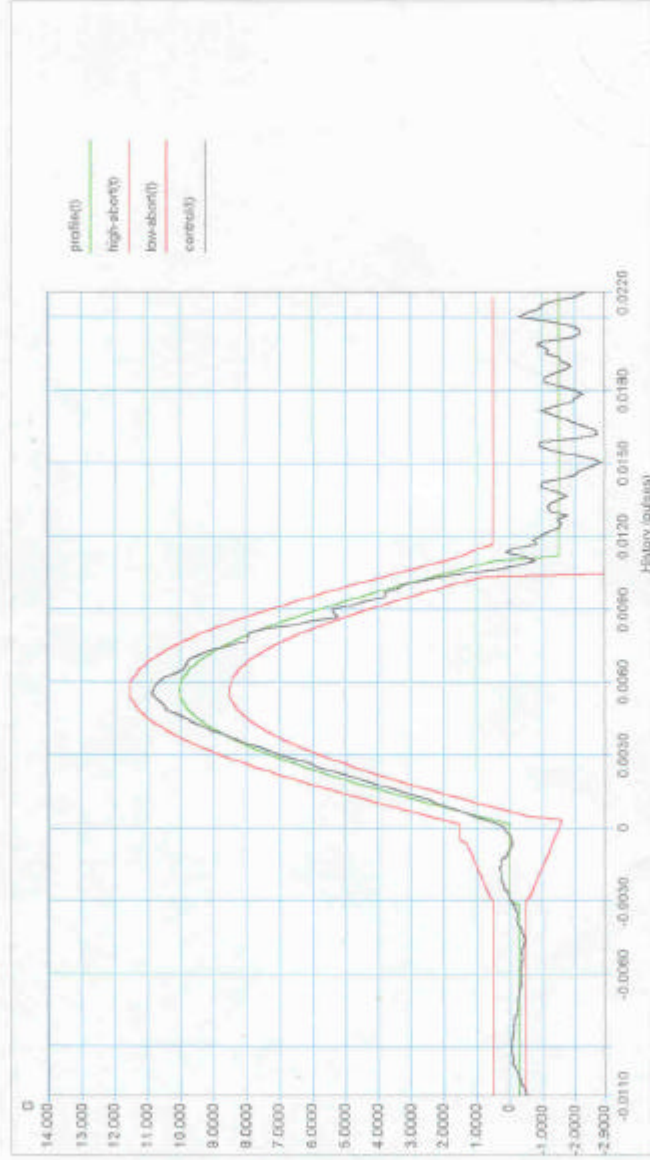
Project File Name: 0706 Log Ultra.pj

Profile Name: 10G 11msSec

Test Type: Classical Shocks

Run Folder

Run Jul 13, 2000 11:03:49



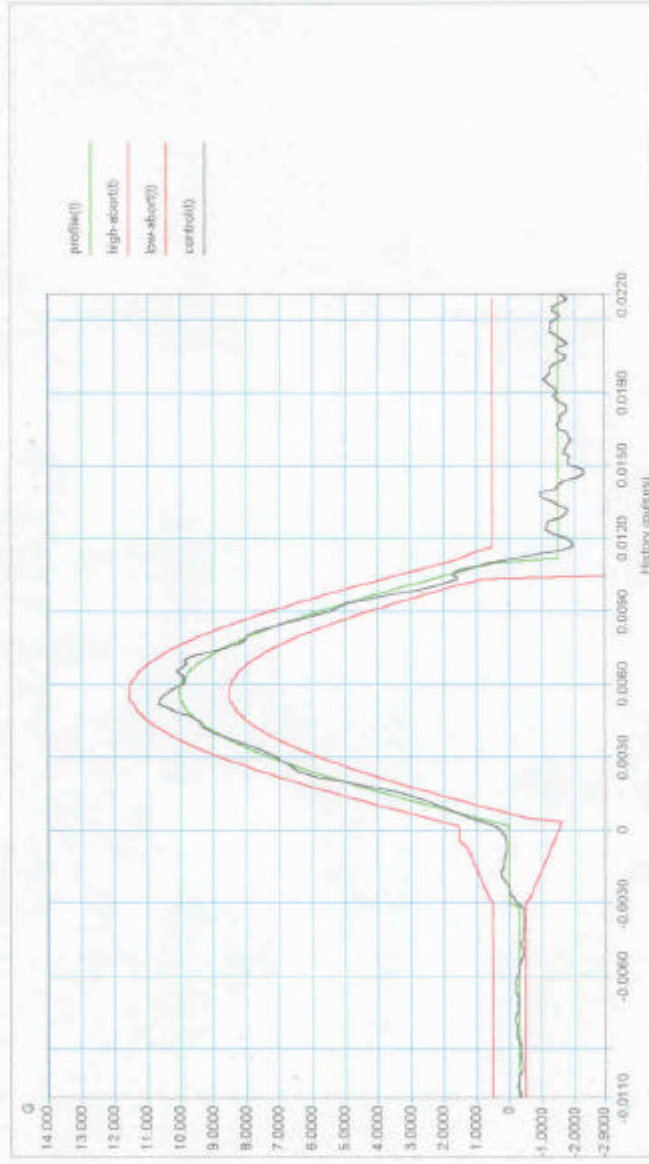
Level: 100 % Block Size: 4096 Elapsed Pulses: 12  
Fracture Time: 0.082667 Seconds Control Peak: 10.850454 G Control RMS: 1.032455 G Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds Demand Peak: 10.000000 G Demand RMS: 0.997329 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 10.000000 G Pulse Width: 11.000001 ms

Data saved at 11:03:37 AM, Thursday, July 13, 2000 Report created at 11:04:08 AM, Thursday, July 13, 2000

AMB-2420 LEFT

Project File Name: 00000 10g 11ms.prj

Profile Name: 10G 11msSoe Test Type: Classical Shock Run Folder: \Run Jul 13, 2000 11-06-4



Level: 100 % Block Size: 4096 Elapsed Pulses: 12  
Fractn Titric: 0.082667 Seconds Control Peak: 10.028480 G Control RMS: 1.017818 G Full Level Elapsed Pulses: 3  
dt: 0.000167 Seconds Demand Peak: 10.000000 G Demand RMS: 0.097329 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 10.000000 G Pulse Width: 11.000001 ms

Run saved at 11:07:05 AM, Thursday, July 13, 2000 Report created at 11:07:19 AM, Thursday, July 13, 2000

AMB-2420 TCP

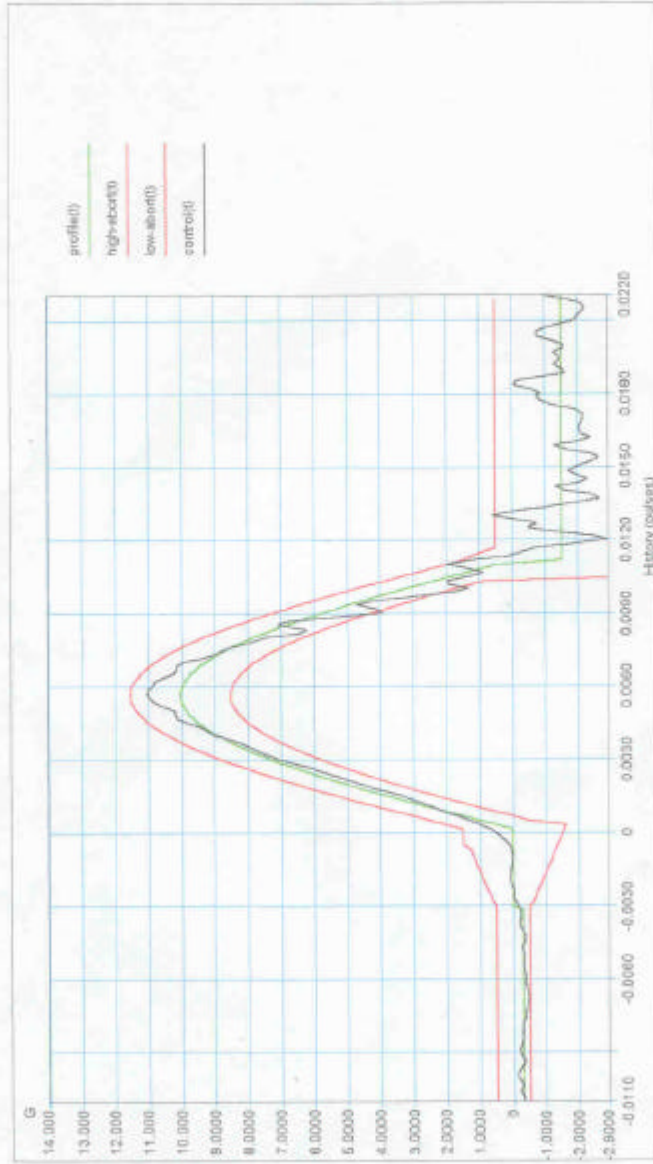
Project File Name: 7758-16g Hms.pg

Profile Name: 10G HmsSec

Test Type: Classical Shock

Run Folder:

Run Jul 13 2000 11:10:09



Level: 100 % Block Size: 4096 Elapsed Pulses: 12

Frame Time: 0.082067 Seconds Control Peak: 11.021050 G Control RMS: 1.027022 G Full Level Elapsed Pulses: 3

dt: 0.000167 Seconds Demand Peak: 10.000000 G Demand RMS: 0.997329 G Remaining Pulses: 0

Pulse Type: Half Sine Amplitude: 10.000000 G Pulse Width: 11.000000 ms

Data saved at 11:10:35 AM, Thursday, July 13, 2000 Report created at 11:10:50 AM, Thursday, July 13, 2000

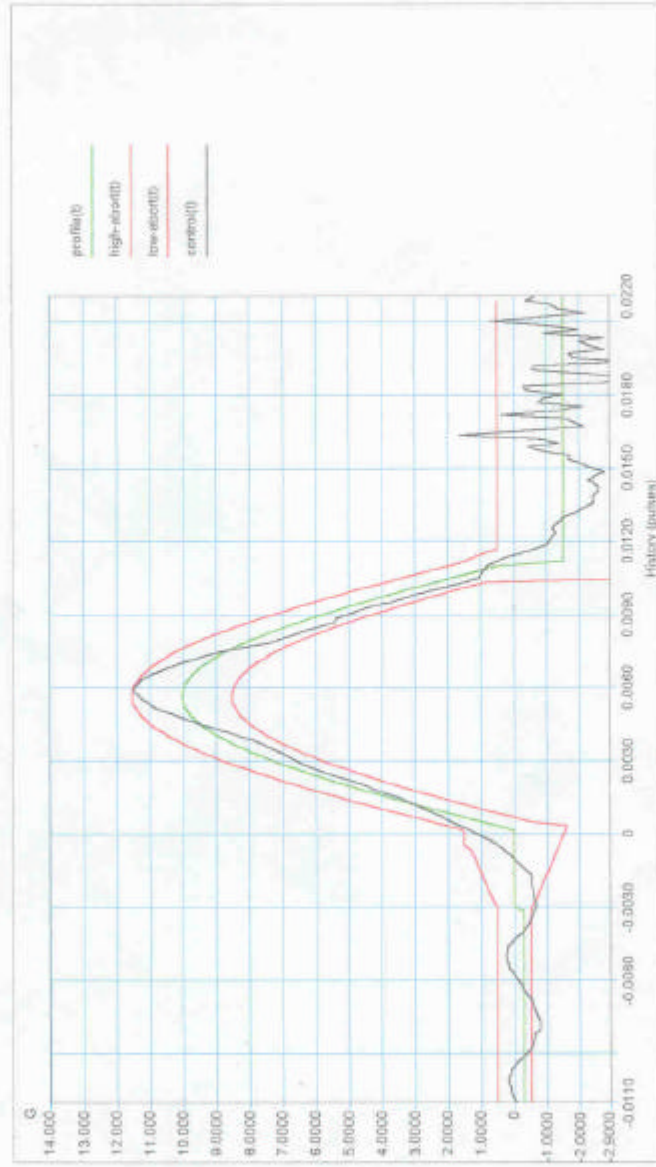
AMB-2420 RICHT

Project File Name: 振動 10g 11ms.prj

Profile Name: 10G 11msSec

Test Type: Classical Shock

Run Folder: .Run\_Jul 13, 2000 11-14-14



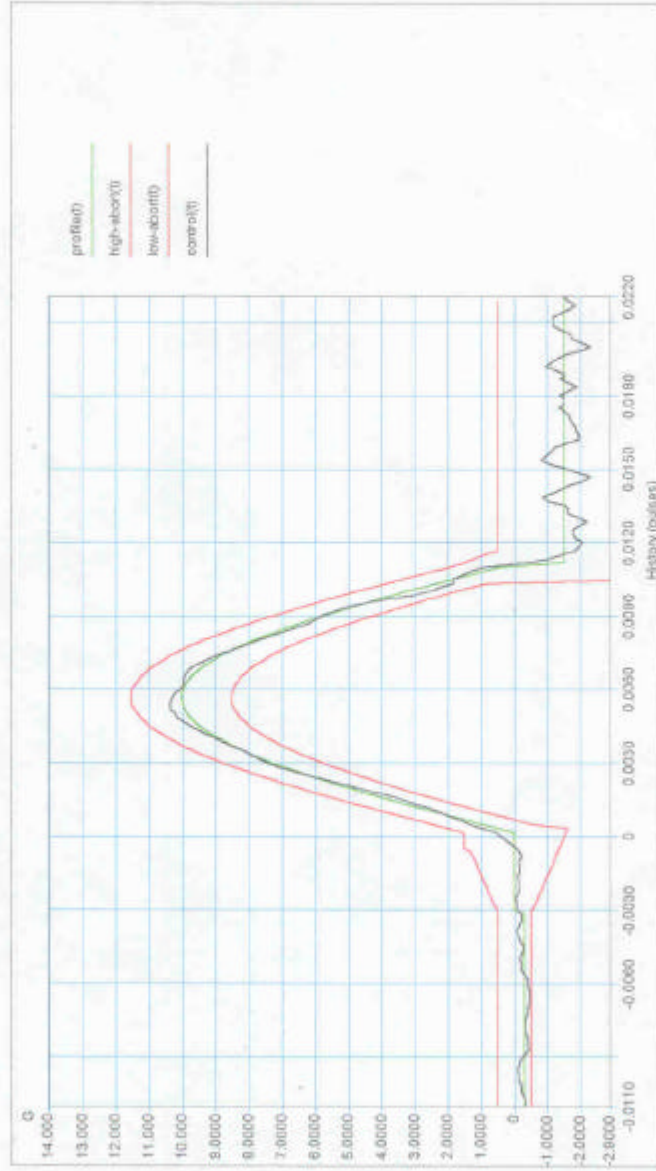
Level: 100%    Block Size: 4096    Elapsed Pulses: 12  
Frame Time: 6.082667 Seconds    Control Peak: 11.461610 G    Control RMS: 1.068134 G Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds    Demand Peak: 10.000000 G    Demand RMS: 0.997329 G Remaining Pulses: 0  
Pulse Type: Half sine    Amplitude: 10.000000 G    Pulse Width: 11.000001 ms

Data saved at 11:14:37 AM, Thursday, July 13, 2000    Report created at 11:14:57 AM, Thursday, July 13, 2000

AMB-2420 FRONT

Project File Name: 研隔 10g 11ms.ptj

Profile Name: 10G 11mSec Test Type: Classical Shock Run Folder: \Run Jul 13, 2000 11-17-88



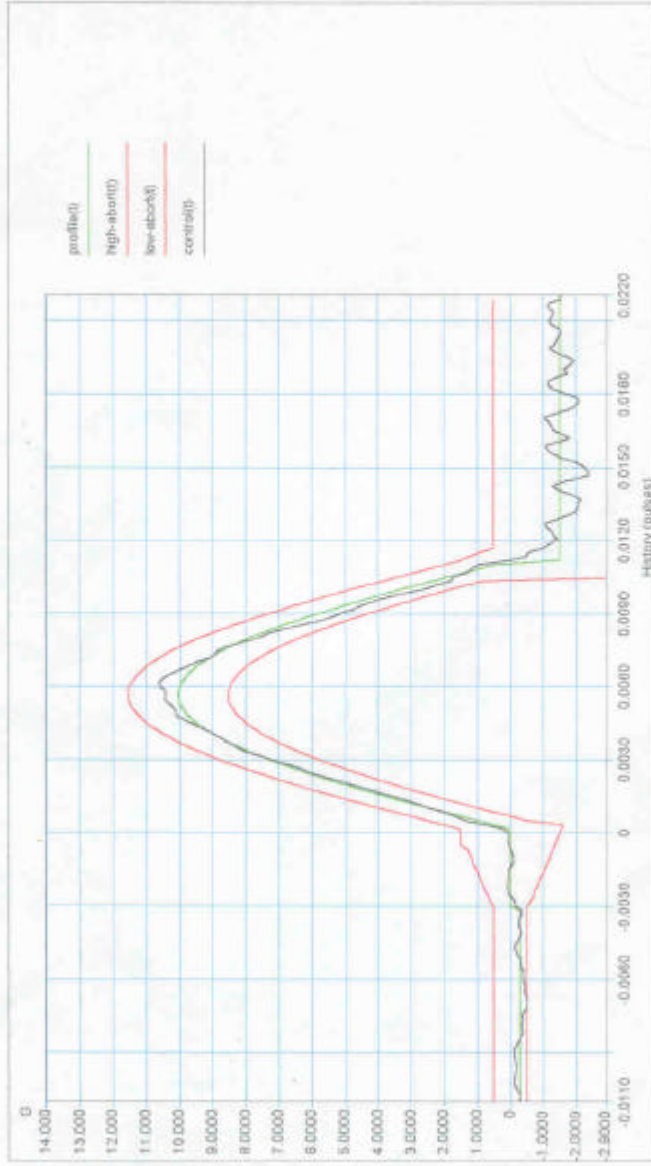
Level: 100% Block Size: 4096 Elapsed Pulses: 12  
Frame Time: 0.682667 Seconds Control Peak: 10.354167 G Control RMS: 1.015866 G Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds Demand Peak: 10.000000 G Demand RMS: 0.997329 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 10.000000 G Pulse Width: 11.000000 ms  
Data saved at 11:18:17 AM, Thursday, July 13, 2000 Report created at 11:18:35 AM, Thursday, July 13, 2000



AMB-2420 BACK

Project File Name: 研碼 10g 11ms.prj

Profile Name: 10G 11msSec Test Type: Classical Shock Run Folder: .Run Jul 13, 2000 11-20-40



Level: 100 % Block Size: 4096 Elapsed Pulses: 12  
Pulse Type: Half Sine Amplitude: 10.000000 G Pulse Width: 11.000001 ms  
Pulse Time: 0.002567 Seconds Control Peak: 10.570073 G Control RMS: 1.013148 G Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds Demand Peak: 10.000000 G Demand RMS: 0.997329 G Remaining Pulses: 0

Data saved at 11:21:09 AM, Thursday, July 13, 2000 Report created at 11:21:39 AM, Thursday, July 13, 2000