

## TESTING / INSPECTION REPORT

DATE : October 31, 2005  
REPORT NO : ST-061031-1

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 : Onyx-219

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

### REMARKS :

- The results only apply to the device under test.
- This report is 11 pages, and no part of it may be abstracted or reproduced.
- Attached pages are controlling pulse of shock test.

Test Engineer : <i>Angus Wu</i>	
Approved by : <i>David Lee</i>	Laboratory Head : <i>Ching-Chan</i>



## TESTING / INSPECTION REPORT

### TESTING EQUIPMENT :

- |                          |  |
|--------------------------|--|
| 1. Shock Tester          | : KING DESIGN KD-9363EM-1000F2K-50N120,<br>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 | : 20±2°C    |
| Humidity    | : 70±20% RH |

### SPECIMEN :

- |          |            |
|----------|------------|
| Model    | : Onyx-219 |
| Quantity | : 1 piece  |

### SHOCK TEST SPECIFICATION :

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

### TEST RESULT :

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

## TESTING / INSPECTION REPORT

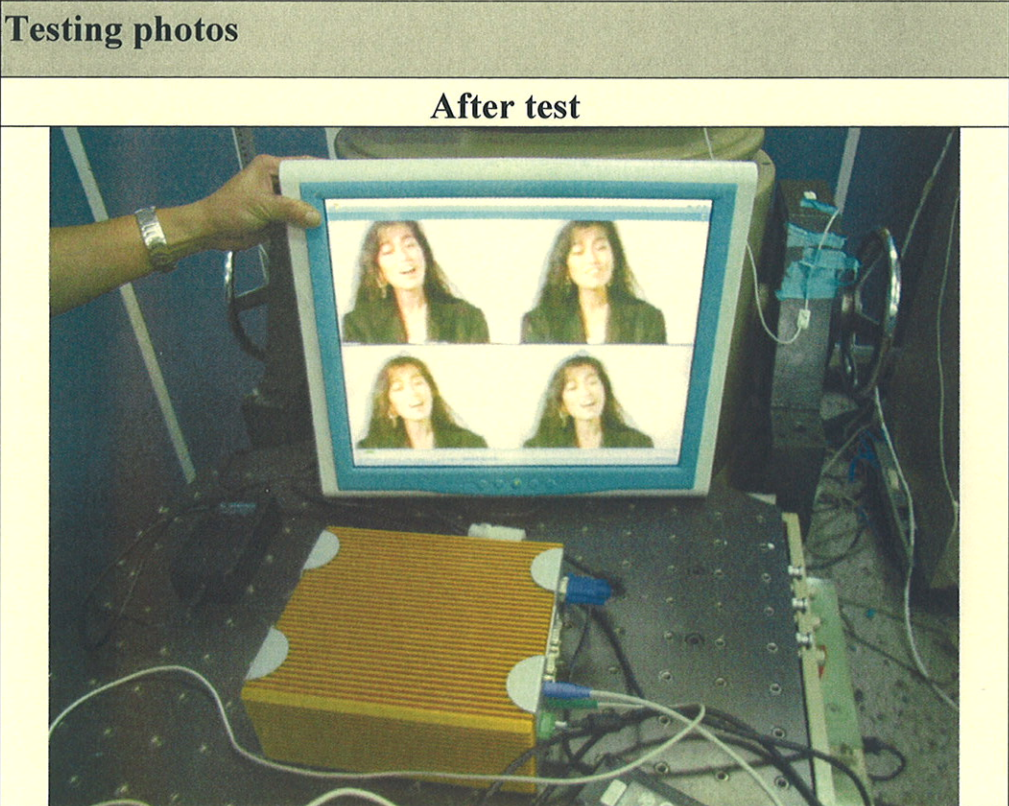
### Testing photos



**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: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 25, 2006 14-37-32



Level: 100 % Block Size: 4096 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3  
Frame Time: 0.682667 Seconds Control Peak: 19.947567 G Control RMS: 2.004809 G  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.991586 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms  
Data saved at 02:37:55 PM, Wednesday, October 25, 2006 Report created at 02:37:56 PM, Wednesday, October 25, 2006

Axis -x

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20G 11mSec

Test Type: Classical Shock

Run Folder: .\Run Oct 25,2006 14-38-33



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

Frame Time: 0.682667 Seconds Control Peak: 20.099529 G Control RMS: 2.001739 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.991586 G Remaining Pulses: 0

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

Data saved at 02:38:56 PM, Wednesday, October 25, 2006 Report created at 02:38:57 PM, Wednesday, October 25, 2006

Axis y

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 25,2006 14-23-05



Level: 100 % Block Size: 4096 Elapsed Pulses: 12  
Frame Time: 0.682667 Seconds Control Peak: 19.888695 G Control RMS: 2.003738 G Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.991586 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms  
Data saved at 02:23:23 PM, Wednesday, October 25, 2006 Report created at 02:23:23 PM, Wednesday, October 25, 2006



Axis -y

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 25,2006 14-24-41



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

Frame Time: 0.682667 Seconds Control Peak: 19.857111 G Control RMS: 2.001795 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.991586 G Remaining Pulses: 0

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

Data saved at 02:25:01 PM, Wednesday, October 25, 2006 Report created at 02:25:01 PM, Wednesday, October 25, 2006

Axis Z

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 25,2006 14-10-37



Level: 100 % Block Size: 4096 Elapsed Pulses: 12  
Frame Time: 0.682667 Seconds Control Peak: 20.395189 G Control RMS: 1.999461 G Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.991586 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms  
Data saved at 02:11:04 PM, Wednesday, October 25, 2006 Report created at 02:11:05 PM, Wednesday, October 25, 2006

Axis -z

Project File Name: 研揚 20g 11ms.prj

Profile Name: 20G 11mSec Test Type: Classical Shock Run Folder: .\Run Oct 25, 2006 14-20-29



Level: 100 % Block Size: 4096 Elapsed Pulses: 12  
Frame Time: 0.682667 Seconds Control Peak: 20.227242 G Control RMS: 2.003242 G Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds Demand Peak: 20.000000 G Demand RMS: 1.991586 G Remaining Pulses: 0  
Pulse Type: Half Sine Amplitude: 20.000000 G Pulse Width: 11.000001 ms  
Data saved at 02:20:47 PM, Wednesday, October 25, 2006 Report created at 02:20:47 PM, Wednesday, October 25, 2006