

TESTING / INSPECTION REPORT

REPORT NO : ST-090220-1

COMPANY : AAEON Technology Inc.
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SPECIMEN : AEC-6821(With 2.5"HDD)
DATE OF RECEIVED : 2009/02/19
DATE OF TESTED : 2009/02/19

TEST / INSPECTION ITEMS : Shock Test

REMARKS :

- The laboratory is accredited by ISO/IEC 17025 General Requirements for the Competence of Calibration and Testing Laboratory.
- The results only apply to the device under test.
- This report is 11 pages, and no part of it may be abstracted or reproduced.

Test Engineer :

Witli peng

Approval Signatory :

David Lee

Laboratory Head :

Chang Hsin Tai



TESTING / INSPECTION REPORT

TEST ENVIRONMENT :

- | | |
|-------------------------|--|
| 1.Shock Tester | : KING DESIGN KD-9363EM-1000F2K-50N120,
S/N : GUG02102091 |
| 2.Controller | : DACTRON FRONT-End Box, S/N:6329253 |
| 3.Control Accelerometer | : B&K 4399, S/N:2158444 |

TEST ENVIRONMENT :

- | | |
|-------------------|-----------------------|
| Temperature | : 22.3°C (25±10°C) |
| Relative Humidity | : 64.2%RH (60±20% RH) |

SPECIMEN :

- | | |
|----------|--------------------------|
| Model | : AEC-6821(With 2.5"HDD) |
| Quantity | : 1 piece |

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 |

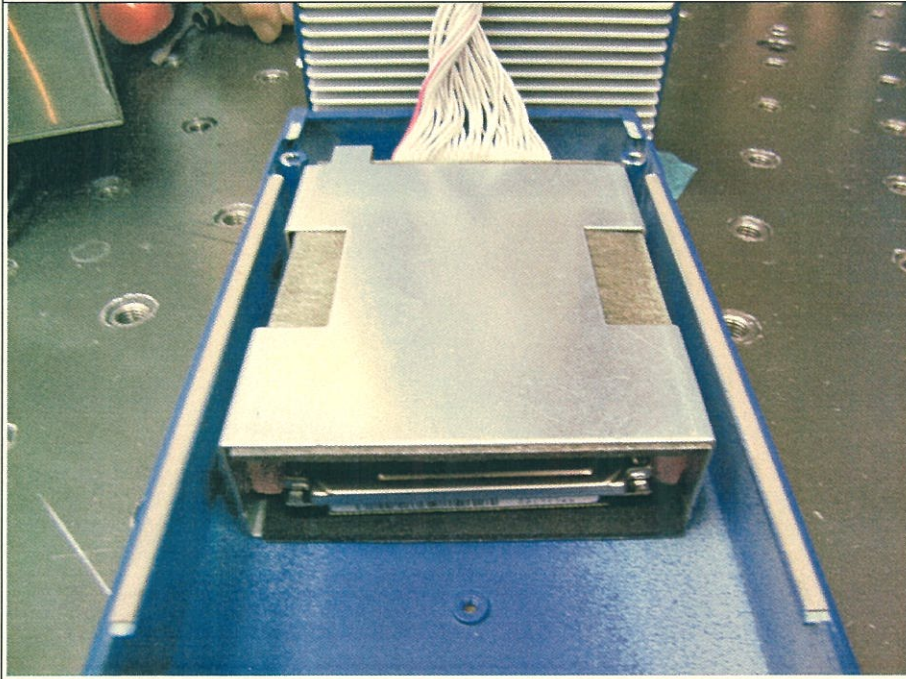
TEST RESULT :

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

TESTING / INSPECTION REPORT

Testing photos

Before test



TESTING / INSPECTION REPORT

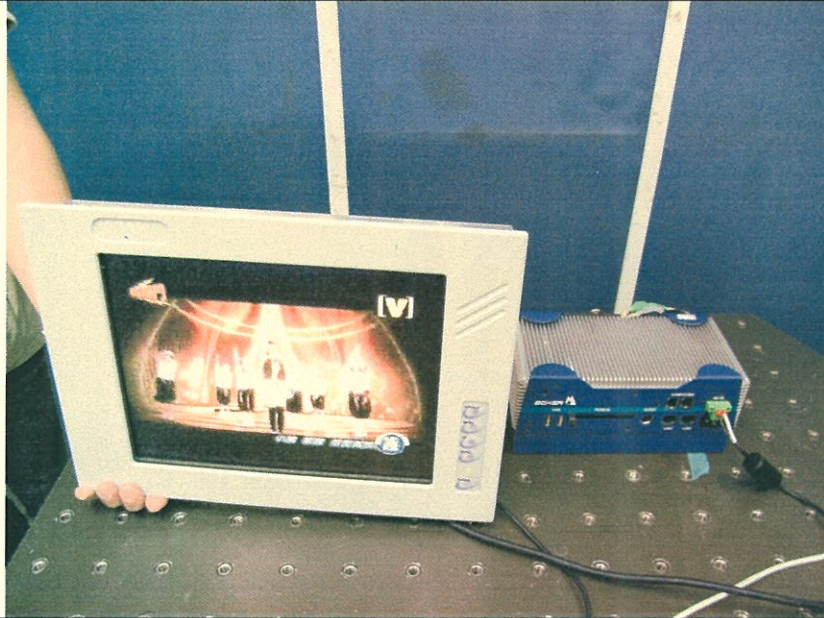
Testing photos (Operation)



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Testing photos

After test



Axis X

Project File Name: 20gn 11mSec

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 19,2009 09-39-50



Level: 100 % Block Size: 4096 Elapsed Pulses: 16
 Frame Time: 0.682667 Seconds Control Peak: 19.971056 gn Control RMS: 2.046858 gn Full Level Elapsed Pulses: 3
 dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.034750 gn Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 gn Pulse Width: 11.000001 ms
 Data saved at 09:40:16 AM, Thursday, February 19, 2009 Report created at 09:40:16 AM, Thursday, February 19, 2009

Axis -X

Project File Name: 20gn 11mSec

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 19,2009 09-35-51



Level: 100 % Block Size: 4096 Elapsed Pulses: 16

Frame Time: 0.682667 Seconds Control Peak: 20.030220 gn Control RMS: 2.045732 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.034750 gn Remaining Pulses: 0

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

Data saved at 09:36:16 AM, Thursday, February 19, 2009 Report created at 09:36:17 AM, Thursday, February 19, 2009

Axis Y

Project File Name: 20gn 11mSec

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 19,2009 09-31-23



Level: 100 % Block Size: 4096 Elapsed Pulses: 16

Frame Time: 0.682667 Seconds Control Peak: 20.273790 gn Control RMS: 2.047588 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.034750 gn Remaining Pulses: 0

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

Data saved at 09:31:49 AM, Thursday, February 19, 2009 Report created at 09:31:50 AM, Thursday, February 19, 2009

Axis - Y

Project File Name: 20gn 11mSec

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 19,2009 09-29-50



Level: 100 % Block Size: 4096 Elapsed Pulses: 16

Frame Time: 0.682667 Seconds Control Peak: 20.083563 gn Control RMS: 2.040387 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.034750 gn Remaining Pulses: 0

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

Data saved at 09:30:18 AM, Thursday, February 19, 2009 Report created at 09:30:18 AM, Thursday, February 19, 2009

Axis Z

Project File Name: 20gn 11mSec

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 19,2009 09-26-48



Level: 100 % Block Size: 4096 Elapsed Pulses: 16

Frame Time: 0.682667 Seconds Control Peak: 20.221113 gn Control RMS: 2.045012 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.034750 gn Remaining Pulses: 0

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

Data saved at 09:27:15 AM, Thursday, February 19, 2009 Report created at 09:27:15 AM, Thursday, February 19, 2009

Axis -Z

Project File Name: 20gn 11mSec

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Feb 19,2009 09-25-14



Level: 100 % Block Size: 4096 Elapsed Pulses: 16

Frame Time: 0.682667 Seconds Control Peak: 19.749092 gn Control RMS: 2.036154 gn Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 20.000000 gn Demand RMS: 2.034750 gn Remaining Pulses: 0

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

Data saved at 09:25:40 AM, Thursday, February 19, 2009 Report created at 09:25:41 AM, Thursday, February 19, 2009