

# AMB-2053

## Shock Test Report

Report NO : 02P030024

Issued by:

/

08/13/2002

\_\_\_\_\_  
*Art Liao*  
QE Engineer

\_\_\_\_\_  
Date

Reviewed by:

/

08/13/2002

\_\_\_\_\_  
*Linden Lin*  
QE Manager

\_\_\_\_\_  
Date

**Test Date:** 08-6-2002  
**Test Product:** AMB-2053  
**Test Site:** KING DESIGN VIBRATION LABORATORY  
**Performed By :** Art Liao

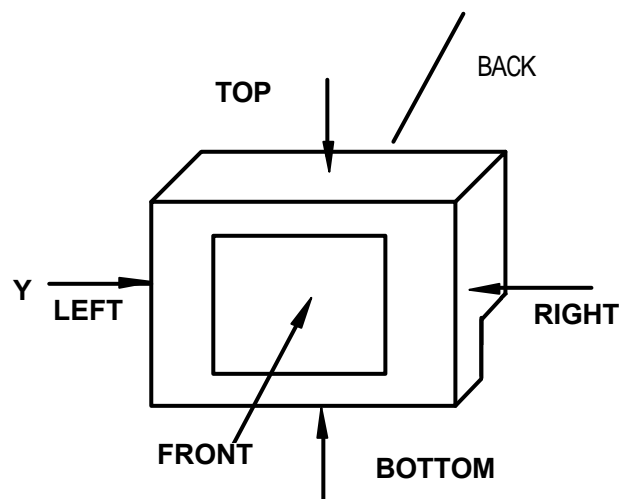
**Test Standard :** Reference IEC68-2-27 Testing procedures  
Test Ea : Conformity

**Test Equipment:**

Type	MFR	Model Number	Serial Number
Shock Tester	KSON	KD-9363-600FK2-50N120	KDS11054783
Controller	DACTRON	DSC System Version 0.922	635651
Control Accelerometer	WILCOXON RESEARCH	WR-777	4207

**Test Condition :**

1. Non-operation
2. Wave Form : Half Sine wave
3. Acceleration : 15g
4. Duration Time : 11 ms
5. No. of Shock : Each axis 3 times
6. Shock Direction : Bottom, Top, Left, Right, Front, Back axis
7. Axial Definition :



**Sample Configuration & Quantity Under Test :**

Using one AMB-2053 Modular system industrial panel PCs.

1. CPU : Intel Pentium III 850MHz
2. Memory : NEC D4564841G5-A80-9JF (SDRAM PC-100) 64MB.
3. HDD : Fujitsu MHN 2060AT

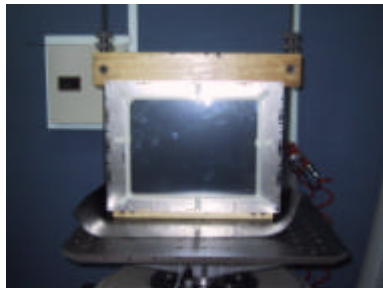
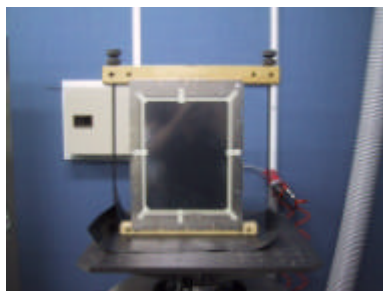
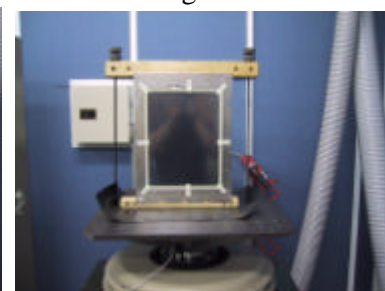
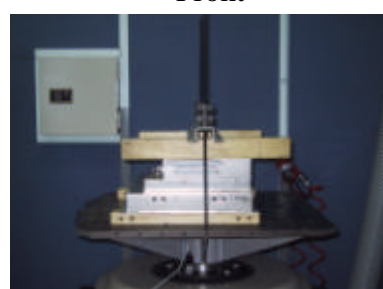
**Performance Criteria :**

- 1.The system structure doesn' t deformation; Function is OK during system test..
- 2.The switch button , cover, and slot should work properly without any interference.

**Test Result :**

**Passed.**

The AMB-2053 Modular system industrial panel PCs. meets Shock Non-operation test.

**Testing Photos :****TOP****Bottom****Left****Right****Front****Back**

Test Curve :

Axis top

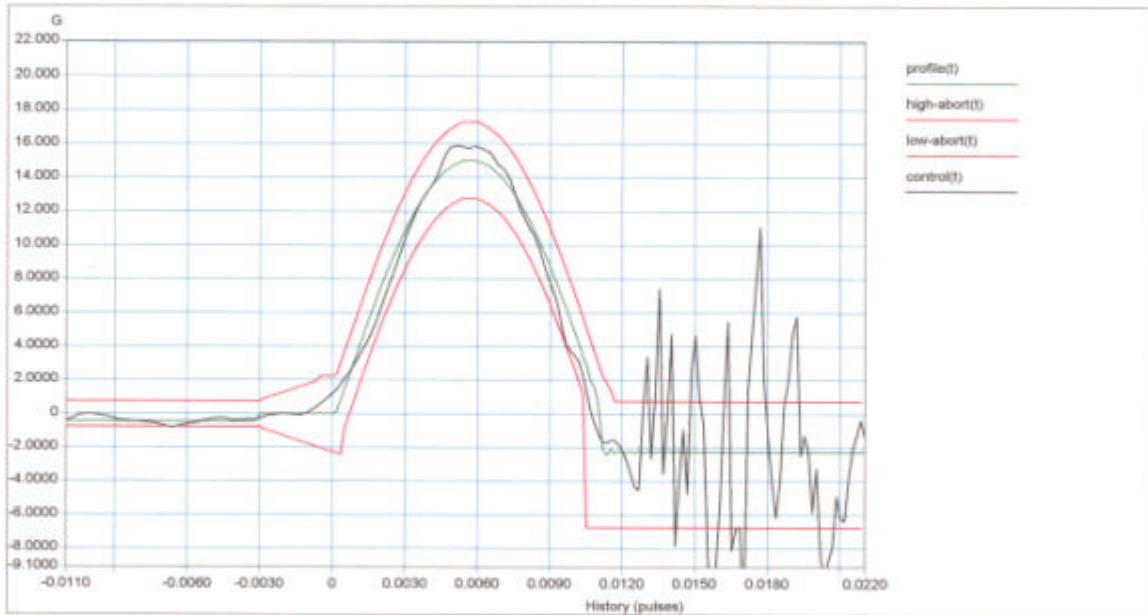
Project File Name: Untitled

Profile Name: 15G 11mSec

Test Type: Classical Shock

Run Folder:

.Run Jun 21,2002 14-42-52



Level: 100 %      Block Size: 4096      Elapsed Pulses: 11  
Frame Time: 0.682667 Seconds      Control Peak: 15.823575 G      Control RMS: 1.723898 G      Full Level Elapsed Pulses: 3  
dT: 0.000167 Seconds      Demand Peak: 14.999999 G      Demand RMS: 1.494986 G      Remaining Pulses: 0  
Pulse Type: Half Sine      Amplitude: 14.999999 G      Pulse Width: 11.000001 ms