



KING DESIGN INDUSTRIAL CO., LTD.  
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Reliability & Communication Testing Instruments

VIBRATION LABORATORY  
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### TESTING / INSPECTION REPORT

DATE : December 15,2000  
 REPORT NO : ST-001215-2

COMPANY : AAEON Technology Inc.  
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 Hsin-Tien City, Taipei, Taiwan, R.O.C  
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SPECIMEN : LCD MONITOR

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>2000/12/20 Dave Lee</i>	Laboratory Head : <i>2000/12/20 Hung</i>





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## TESTING / INSPECTION REPORT

### 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 : Mica-151  
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, Right, Front, Back axis

### TEST RESULT :

- Appearance check : No damage  
Function check : Normal



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Reliability & Communication Testing Instruments

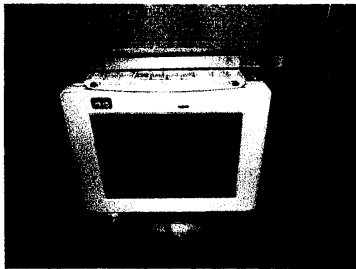
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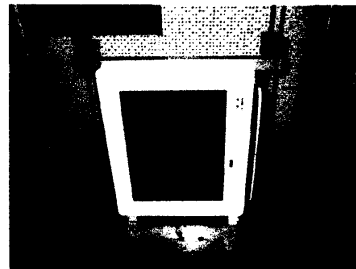
## TESTING / INSPECTION REPORT

### Testing Photos

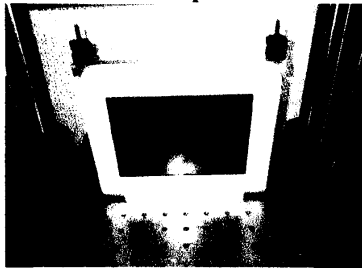
**Bottom**



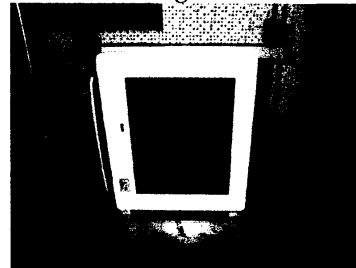
**Left**



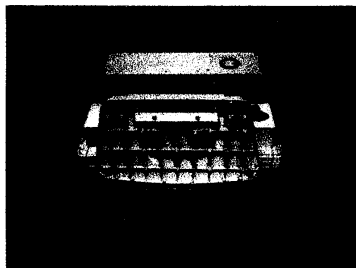
**Top**



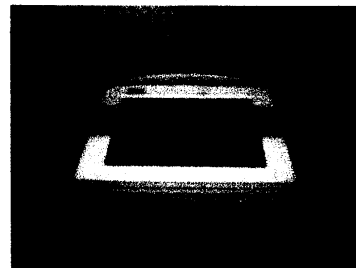
**Right**



**Front**



**Back**



Shock TEST 20g/11ms BOTTOM
DP-1288

KD-LAB

DURATION TIME: mS

10.80

SHOCK LEVEL: G

21.90

控制模式: 高度

+60 mm    +21.90 G

+1        +1

LOCK      RELEASE

F1: 輔助說明

F2: 開始

F3: 停止

F4: 暫停

F5: 平台上升

F6: 波形存檔

F7: 畫面印票

F8: 特性測試

F9: 更換試塊

F10: 平台下降

測 試 完 成

Channels: 0 - ON 1 - OFF 2 - OFF 3 - OFF

Title: CONTROL

Max Acc: 21.90 G

Min Acc: -1.05 G

Dur: 10.80 mS

Delta U: 1.55 m/s

Filter: 400 Hz

測試參數檔:

KD-LAB.PRA

報告輸出檔:

KD-LAB00.REP

Shock TEST 20g/11ms LEFT DP-1200

WINDOWS 0

60.00  
44.00  
28.00  
12.00  
0.00  
-4.00  
-20.00

ms

49.4  
0

測試參數檔: KD-LAB.PRA  
報告輸出檔: KD-LAB00.REP

測試完成!

Channel: 0 - ON 1 - OFF 2 - OFF 3 - OFF  
Title: CONTROL  
Max Acc: 22.03 G  
Min Acc: -1.71 G  
Dur: 10.80 ms  
Delta U: 1.56 m/s  
Filter: 400

KD-LAB  
DURATION TIME: ms  
10.80  
SHOCK LEVEL: G  
22.03

控制模式: 高度  
+60 mm +1  
+22.03 G +1  
LOCK RELEASE

F1: 輔助說明  
F2: 開始  
F3: 停止  
F4: 暫停  
F5: 平台上升  
F6: 波形存檔  
F7: 畫面印屏  
F8: 特性測試  
F9: 更換試塊  
F10: 平台下降

Shock TEST 20g/11ms TOP
KD-LAB

**DURATION TIME: ms**  
10.80

**SHOCK LEVEL: G**  
21.91

控制模式: 高度

+60 mm    +21.91 G

+1         +1

LOCK        RELEASE

測試說明

F1: 輔助說明

F2: 開始

F3: 停止

F4: 暫停

F5: 平台上升

F6: 波形存檔

F7: 畫面調整

F8: 特性測試

F9: 更換試塊

F10: 平台下降

測試完成

Channel: 0 - ON CONTROL

Title: 21.91

Max Acc: 21.43 G

Min Acc: 10.80 G

Delta V: 10.55 m/s

Filter: 400 Hz

測試參數檔: KD-LAB.PRA

報告輸出檔: KD-LAB00.REP

Shock TEST 20g/11ms RIGHT
DP-1200

KD-LAB

DURATION TIME: mS

10.95

SHOCK LEVEL: G

21.68

控制模式: 高度

+68 mm    +21.68 G

+1         +1

LOCK        RELEASE

WINDOWS 0

49.2 mS

F1: 輔助說明

F2: 開始

F3: 停止

F4: 暫停

F5: 平台上升

F6: 波形存檔

F7: 畫面印幕

F8: 特性測試

F9: 更換試塊

F10: 平台下降

測試完成!

Channel 0 ON CONTROL

Title: 21.68

Max Acc: 10.95

Min Acc: 10.95

Dvlt. U: 400

Filter: 400

測試參數檔: KD-LAB.PRA

報告輸出檔: KD-LA000.REP

Shock TEST 20g/11ms FRONT
DP-1280

KD-LAB

DURATION TIME: mS

10.80

SHOCK LEVEL: G

21.96

控制模式: 高度

+60 mm +21.96 G

+1 +1

LOCK RELEASE

WINDOWS 0

60.00  
44.00  
28.00  
12.00  
0.00  
-4.00

19.2 49.2 0

mS mm

測試參數檔: KD-LAB.PRA

報告輸出檔: KD-LAB00.REP

F1: 輔助說明

F2: 開始

F3: 停止

F4: 暫停

F5: 平台上升

F6: 波形存檔

F7: 畫面印表

F8: 特性測試

F9: 更換試塊

F10: 平台下降

測試完成!

0 - ON CONTROL 1 - OFF 2 - OFF 3 - OFF

Max Acc 21.96 G

Min Acc 10.80 mS

Delta V 1.55 m/s

Filter 400 Hz

測試參數檔: KD-LAB.PRA

報告輸出檔: KD-LAB00.REP



Shock TEST 28g/11ms BACK
DP-1288

KD-LAB

DURATION TIME: mS

10.80

SHOCK LEVEL: G

22.43

控制模式: 高度

+68 mm    +22.43 G

+1         +1

LOCK        RELEASE

F1: 輔助說明

F2: 開始

F3: 停止

F4: 暫停

F5: 平台上升

F6: 波形存檔

F7: 畫面印幕

F8: 特性測試

F9: 更換試塊

F10: 平台下降

WINDOMS 0

49.2 0  
ms

測試參數檔: KD-LAB.PRA

報告輸出檔: KD-LA000.REF

Channel	0	ON	1	OFF	2	OFF	3	OFF
Titre	CONTROL							
Max Acc	22.43							G
Min Acc	11.92							G
MDr	10.80							ms
Delta U	11.56							m/s
Filter	400							Hz

測試完成!

Channel: 0 ON 1 OFF 2 OFF 3 OFF

Titre: CONTROL

Max Acc: 22.43 G

Min Acc: 11.92 G

MDr: 10.80 ms

Delta U: 11.56 m/s

Filter: 400 Hz