SGS

Reliability Laboratory

TEST REPORT

Report No.: HC20138/2010
Page: 1 of 7
Date: April 26, 2010

iTech Company LLC
41758 Christy Street,
Fremont CA 94538 USA

The following merchandise was submitted and identified by the vendor as:

Product Description:	20.1 Multimedia LCD Monitor
Style/ Item No.:	WMRM920-PIP/ No. 1
Quantity:	Total 1 set
Testing Period:	Apr. 19, 2010 to Apr. 23, 2010

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: (According to client's test specification, please see following sheets in detail.)

1. Salt Fog Test

Test Results： -PLEASE SEE ATTACHED SHEETS-

Terence Hsieh
Manager - Operation

1. Salt Fog Test:

Test Equipment:

Name	Brand	Model	Serial No.
Salt Spray Test Chamber	DA-WEI	JST-600	S0009521

Lab Environmental Conditions:

Ambient temperature: 25±3℃

Relative humidity: 55±20%RH

Test Method/ Specification:

Test Method: Reference to MIL-STD-810G Method 509.5

Salt Spray test	
Test Sequence	**Test Method**
1	Salt Spray exposure for 24 hours
2	Drying condition for 24 hours
Above test sequences shall be performed for 2 cycles. Alternating 24-hour periods of salt spray exposure and drying condition for one complete cycle (24 hours salt spray exposure +24 hours drying condition).	

1. Salt spray exposure

Salt solution: 5 wt.% NaCl solution

pH of solution: 6.5-7.2

Temperature: 35($^{+1.1}_{-1.7}$)℃

Quantity of fog： 1.0~3.0 ml/ 80 ㎝^{2}/ hour

Exposing duration: 24 hours / cycle

2. Drying condition

Test condition: Dry the test item at standard ambient temperature and a relative humidity of 50% less for 24 hours.

Exposing duration: 24 hours / cycle

Test Method/ Specification--Continued:

- Sample condition: Storage
- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Connect the specimen with rated power then examine whether the display function of specimen could be work normally or not.
- The standard exposure of 48 hours of exposure and 48 hours of drying time has not changed. However, experience has shown that alternating 24-hour periods of salt fog exposure and drying conditions for a minimum of four 24-hour periods (two wet and two dry). Maintain the temperature in the exposure zone at 35 +/- 2°C .Adjust the salt fog fallout such that each receptacle collects from 1 to 3 ml of solution per hour for each 80 cm^2 of horizontal collecting area. Adjust the test chamber temperature to 35°C and condition the test item for at least two hours before introducing the salt fog. Test condition: Dry the test item at standard ambient temperature and a relative humidity of 50% less for 24 hours. Performance check: Running Window XP with stress software BCM diagnostics Pro version 2.30.

TEST REPORT

Specimen:

Style/ Item No.： WMRM920-PIP/ No. 1

Quantity： total 1 set

Test Result:

Check Item / Style/Item No.	Appearance Check (Visual Check) Does corrosion or oxidation phenomena occur on the surface of specimen ?	Functional Check & Performance Check
WMRM920-PIP/ No. 1	Yes (see photo 11 ~ 14)	Normal

Test Photos:

1. Appearance of specimen (WMRM920-PIP)

2. Appearance of specimen (WMRM920-PIP)

3. Appearance of specimen (WMRM920-PIP)

4. Appearance of specimen (WMRM920-PIP)

5. Appearance of specimen (WMRM920-PIP)

6. Appearance of specimen (WMRM920-PIP)

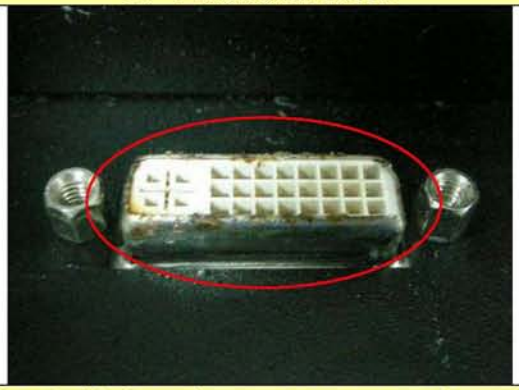
Test Photos--Continued:

7. Salt Fog Test

8. Salt Fog Test

9. Functional check

10. Functional check



11. Oxidation phenomena occurred on the surface of specimen after this test.

12. Oxidation phenomena occurred on the surface of specimen after this test.

Test Photos--Continued:

	
13. Oxidation phenomena occurred on the surface of specimen after this test.	14. Oxidation phenomena occurred on the surface of specimen after this test.

— — — The End of Test Report — — —