

# TEST REPORT

Report No.: HCO0194/2012

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Date: October 29, 2012

AAEON TECHNOLOGY INC.  
5F, NO. 135, LANE 235, PAO CHIAO RD.,  
HSIN-TIEN DIST., NEW TAIPEI CITY,  
TAIWAN, R.O.C.

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

Product Description: Tablet PC  
Style/ Item No.: RTC-700A/ No. 1  
Manufacturer/Vendor: AAEON Technology Inc.  
Country of Origin: Taiwan  
Quantity: Total 2 pieces  
Testing Period: Oct. 24, 2012 to Oct. 29, 2012

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

Test Required:

Test for Degrees of Protection Provided by Enclosures (IEC 60529 Edition 2.1: 2001)

IP Code	IP6X
<b>First characteristic numeral</b>	Degrees of protection against access to hazardous parts and against solid foreign objects
<b>Second characteristic numeral</b>	Omitting

Test Results:

Conclusion
Submittals sample(s) comply with to the requirement and acceptance conditions of IEC 60529 Edition 2.1: 2001 Degrees of Protection Provided by Enclosures -- IP6X The detailed description of test result, please see attached sheet(s).

Signed for and on behalf of  
SGS TAIWAN Ltd.



Hank Chiou  
Asst. Supervisor

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## Test for Degrees of Protection Provided by Enclosures:

### Test Equipment:

Name	Brand	Model	Serial No.
1.0 mm Test Wire Probe	E.D.&D.	TRP-02	B0050180
Digital Force Gauge	ALGOL	HF-50	HF-106764
Dust Tester	T-MACHINE	TMJ-9723C	T-23-050411

### Lab Environmental Conditions:

Ambient temperature:  $(25 \pm 3) ^\circ\text{C}$

Ambient humidity:  $(55 \pm 20) \% \text{RH}$

### Test Method/ Specification:

Test method: IEC 60529 Edition 2.1: 2001--IP6X

#### 1. Test for protection against access to hazardous parts:

Test method: The test wire with 1.0 mm in diameter and 100 mm long is pushed against or inserted through any openings of the enclosure with the force specified in Table 6 in IEC 60529 Edition 2.1: 2001. Examine whether the test wire touches the hazardous live parts inside the enclosure or not.

Test force: 1 N $\pm$ 10 %

#### 2. Test for protection against solid foreign objects:

Test method: Dust test

Sample condition: Non-Operating

Type of dust: Talcum powder

The amount of dust: 2 kg

The chamber size: 1 m<sup>3</sup>

The maximum depression: -20 mbar

Test duration: 8 hours

- Examine the protection against ingress of dust of specimen(s) after this test.

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**Specimen:**

Style/ Item No.: RTC-700A/ No.1

Quantity: Total 1 piece

**Test Result:**

A. Degrees of protection against access to hazardous parts and against solid foreign objects (IP6X)

A-1 Test for protection against access to hazardous parts (IP6X)

Test Result	
Check Item	Style/ Item No.
	<b>RTC-700A/ No.1</b>
1	Does the test wire penetrate any openings of the enclosure? No
2	(followed check item 1) If the test wire penetrates any openings of the enclosure, does the test wire touch any hazardous live parts or any hazardous mechanical parts? N/A
3	(followed check item 2) Does adequate clearance be kept between the test wire and hazardous live parts or hazardous mechanical parts? N/A

Note 1: N/A means "Not Applicable".

Note 2: The check items in this test report for inspecting the degree of protection provided by enclosures are reference to the requirements specified in IEC 60529 Edition 2.1: 2001 and in accordance with the acceptance conditions specified by client.






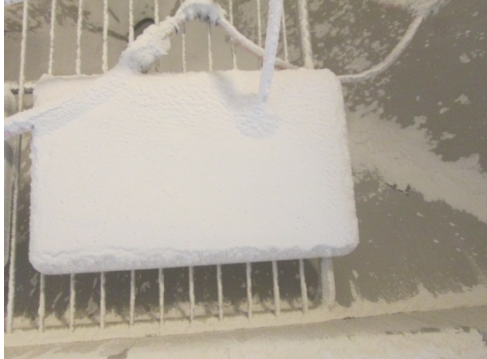
A-2 Test for protection against solid foreign objects (IP6X)

Test Result	
Check Item	Style/ Item No.
	<b>RTC-700A/ No.1</b>
1	Does any dust deposit inside the enclosure? No

Note 1: N/A means "Not Applicable".

Note 2: The check items in this test report for inspecting the degree of protection provided by enclosures are reference to the requirements specified in IEC 60529 Edition 2.1: 2001 and in accordance with the acceptance conditions specified by client.

Test Photos:

	
<p>1. Appearance of specimen</p>	<p>2. Appearance of specimen</p>
	
<p>3. Test for protection against access to hazardous parts</p>	<p>4. Test for protection against access to hazardous parts</p>
	
<p>5. Test for protection against solid foreign objects (Dust test)</p>	<p>6. Test for protection against solid foreign objects (Dust test)</p>

— — — The End of Test Report — — —

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