





Report No.: HCO0090/2014

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Date: November 14, 2014

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: 7" Rugged Tablet Computer

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

Manufacturer/Vendor: AAEON Technology Inc.

Quantity: Total 1 piece

Testing Period: Nov. 10, 2014 to Nov. 12, 2014

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 2.2: 2013)

| | • |
|-------------------------------|---|
| IP Code | IP65 |
| Riret characteristic niimeral | Degrees of protection against access to hazardous parts and against solid foreign objects |
| Second characteristic numeral | Degrees of protection against ingress of water |

Test Results:

Conclusion

Submittals sample(s) comply with the requirement and acceptance conditions of IEC 60529 Edition 2.2: 2013 Degrees of Protection Provided by Enclosures -- IP65 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-9723S | T-23-110708 |
| IPX5 Water Jet Hose Nozzle Set | PTL | P03.26 | 5050565 |

Lab Environmental Conditions:

Ambient temperature: (25 ± 3) °C Ambient humidity: $(55 \pm 20) \% RH$

Test Method/ Specification:

Test method: IEC 60529 Edition 2.2: 2013--IP65 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 designated force. Examine whether the test wire touches the hazardous live parts inside the

enclosure or not.

Test force: 1 N±10 %

2. Test for protection against solid foreign objects:

Test method: Dust test

Sample condition: **Non-Operating** Type of dust: Talcum powder

2 kg per cubic meter of the chamber volume The amount of dust:

The maximum depression: <20 mbar Test duration: 8 hours

- Examine the protection against ingress of dust of specimen(s) and perform functional check after this test.
- Functional check: Turn on the power of specimen, then examine whether the booting function of specimen could be work normally or not.

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Test Method/ Specification--Continued:

3. Test for protection against water:

Spraying the enclosure from all practicable directions with a stream of water Test means:

from a standard test nozzle as specified in test standard.

Internal diameter

of the nozzle: 6.3 mm

Sample condition: Non-Operating

Delivery rate: 12.5 ℓ/minute ±5%

Distance from nozzle

to enclosure surface: between 2.5 m and 3 m

Core of the substantial

circle of approximately 40 mm diameter at 2.5 m distance from nozzle stream:

Test duration: 3 minutes (Total 6 faces, each face 30 seconds)

Examine the protection against ingress water of specimen(s) and perform functional check before and after this test.

Functional check: Turn on the power of specimen, then examine whether the booting function of specimen could be work normally or not.

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Specimen:

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

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. | | |
| | | RTC-700A/ No.1 | | |
| 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 2.2: 2013 and in accordance with the acceptance conditions specified by client.

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

| Test Result | | |
|---|-----------------|--|
| Charle Man | Style/ Item No. | |
| Check Item | RTC-700A/ No.1 | |
| 1 Does any dust deposit inside the enclosure? | No | |
| 2 Functional Check | Normal | |

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 2.2: 2013 and in accordance with the acceptance conditions specified by client.

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Test Result--Continued:

B. Degree of protection against ingress of water (IPX5)

| Test Result | | | |
|-------------|---|-----------------|--|
| Check Item | | Style/ Item No. | |
| | | RTC-700A/ No.1 | |
| 1 | Does any water permeate into the specimen? | No | |
| 2 | (followed check item 1) If any water has entered, does the water accumulate near the cable end or live parts? | N/A | |
| 2.1 | (followed check item 2) Does the water be sufficient to interfere with the correct operation of the equipment or impair safety? | N/A | |
| 2.2 | (followed check item 2.1) Does the water deposit on insulation parts where it could lead to tracking along the creep age distances? | N/A | |
| 2.3 | (followed check item 2.2) Does the water reach live parts or windings not designed to operate when wet? | N/A | |
| 3 | Functional Check | Normal | |

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 2.2: 2013 and in accordance with the acceptance conditions specified by client.

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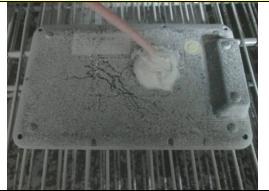
Test Photos:



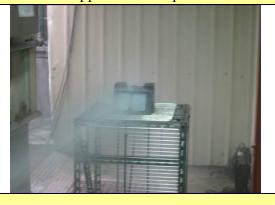
Appearance of specimen:



Appearance of specimen:



Test for protection against solid foreign objects (Dust test)



4. Test for protection against water



Functional Check

The End of Test Report — -

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