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# TEST REPORT

**Product Name** : Rugged Tablet  
**Model Number** : Main model: RT6, additional model:  
RT6 S/RT6 Pro/RT6 Ultra

**Prepared for** : SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO., LTD  
**Address** : 202, Building A2, Silicon Valley Power Intelligent Terminal Industrial Park, No. 20, Dafu Industrial Zone, Kukeng Community, Guanlan Street, Longhua District, Shenzhen  
**Prepared by** : EMTEK (DONGGUAN) CO., LTD.  
**Address** : -1&2/F., Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No. 9, Xincheng Avenue, Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China  
**Tel:** +86-769-22807078  
**Fax:** +86-769-22807079

**Report Number** : EDG2303170039R00104R  
**Date(s) of Tests** : 2023.03.20~2023.03.23  
**Date of Issue** : 2023.03.24



**Applicant** : SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO., LTD  
**Address** : 202, Building A2, Silicon Valley Power Intelligent Terminal Industrial Park, No. 20, Dafu Industrial Zone, Kukeng Community, Guanlan Street, Longhua District, Shenzhen  
**Sample Name** : Rugged Tablet  
**Model Number** : Main model: RT6, additional model: RT6 S/RT6 Pro/RT6 Ultra  
**Sample Quantity** : 1PC(S)  
**Date of Received** : 2023.03.19

**Test Summary**

No.	Test Item	Test Standard	Test Conclusion
1	Vibration test	MIL-STD-810H-2019	Pass
Remark: Pass: Test item meet the requirement; Fail: Test item does not meet the requirement; N/A: Test case does not apply to the test object, or provide test results only.			

Signed for and on behalf of  
EMTEK (Dongguan) Co., Ltd.

Inspected by: Wang Jian  
Inspected engineer

Reviewed by: Li Lijuan  
Reviewed director

Approved by: Core. xiang  
Authorized signatory



**1. Test Item:** Vibration test

**1.1 Sample No.:** E2303170039-04

**1.2 Test Equipment(s):**

Name	Model	Serial No.	Valid Date to
Vibration testing machine	DC-10000-100	E-R-038	2023.12.05

**1.3 Laboratory Conditions:** Temperature:23.1℃; Humidity: 51.2%RH

**1.4 Test Standard:** MIL-STD-810H-2019

**1.5 Test Conditions:**

Z axis		X axis		Y axis	
Frequency (Hz)	Acceleration (g <sup>2</sup> /Hz)	Frequency (Hz)	Acceleration (g <sup>2</sup> /Hz)	Frequency (Hz)	Acceleration (g <sup>2</sup> /Hz)
5	0.12765	5	0.0407	5	0.01848
6	0.12926	6	0.04415	6	0.02373
7	0.3	7	0.11	7	0.05
8	0.3	8	0.11	8	0.05
9	0.1	9	0.0425	9	0.02016
12	0.1	12	0.0425	12	0.02016
14	0.15	14	0.074	14	0.05
16	0.15	16	0.074	16	0.05
19	0.004	19	0.02	19	0.0103
90	0.006	100	0.00074	23	0.0103
125	0.004	189	0.0013	25	0.00833
190	0.004	350	0.004	66	0.00114
211	0.006	425	0.004	84	0.00107
440	0.006	482	0.0021	90	0.00167
500	0.00204	500	0.00142	165	0.00151
/	/	/	/	221	0.00333
/	/	/	/	455	0.00296
/	/	/	/	500	0.00204

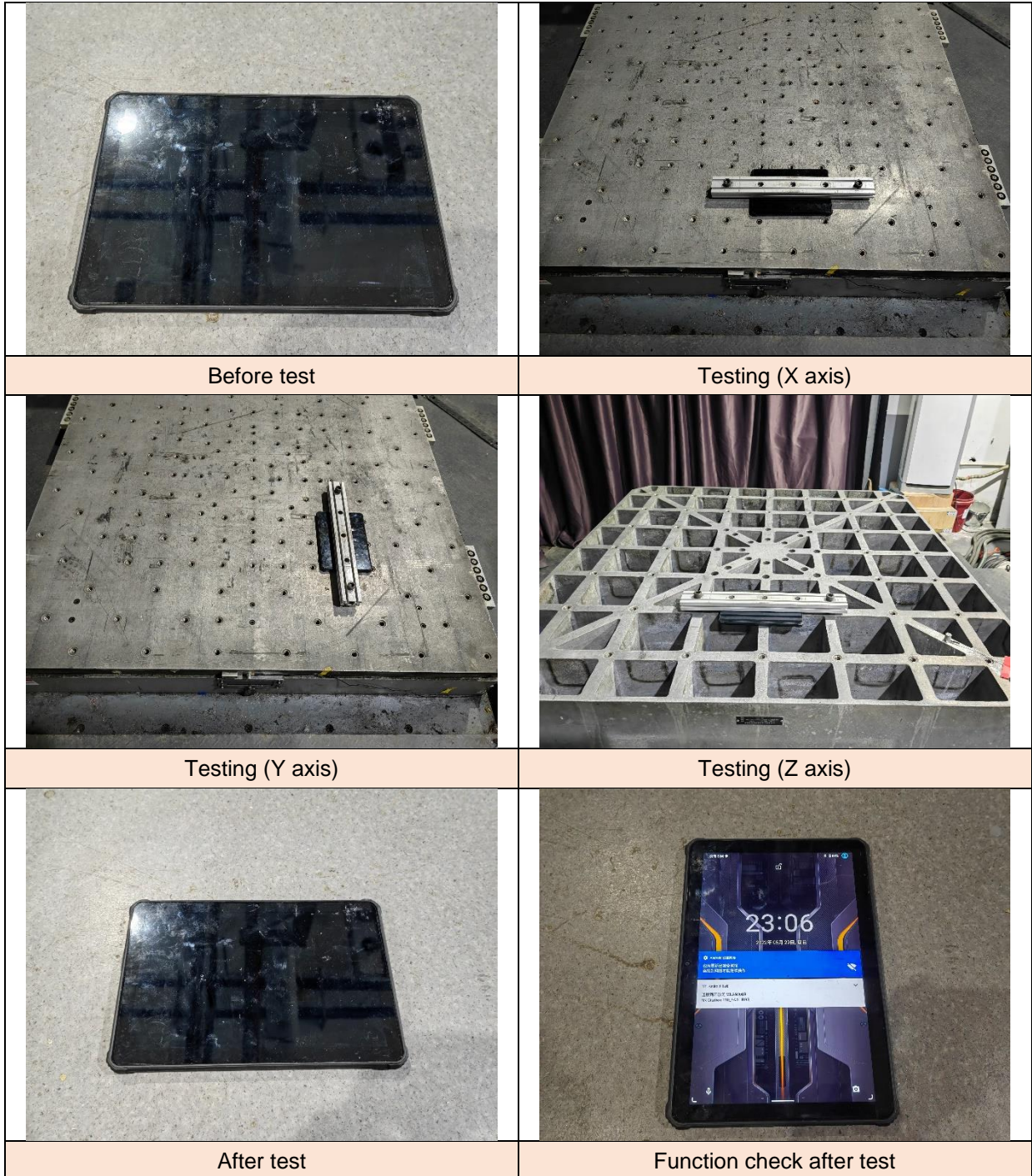
Test time: 40min/ axis

**1.6 Judge Criteria:** After the test, the appearance of the sample should be complete and should be able to work normally.

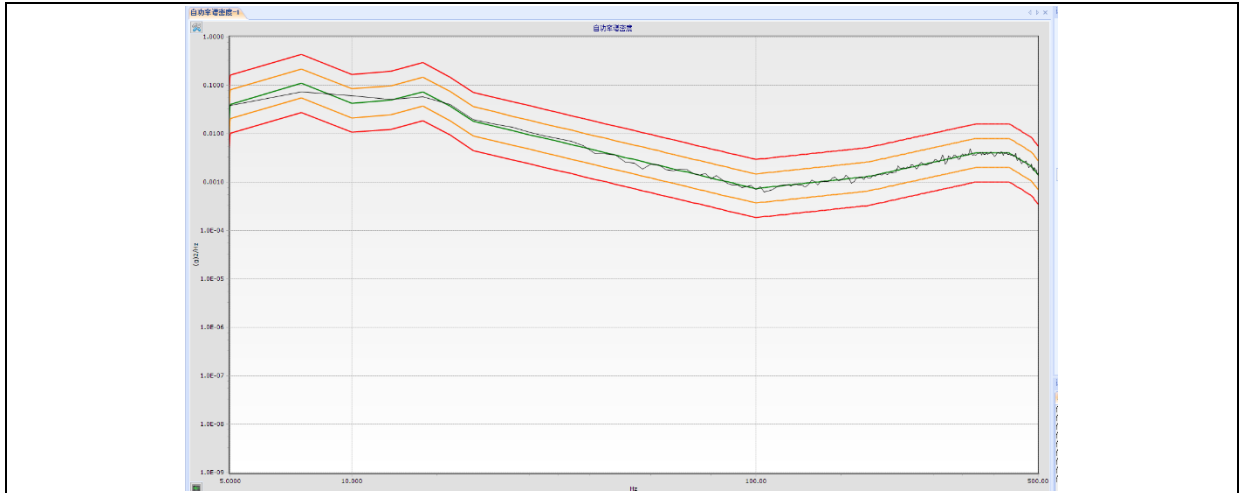
**1.7 Test Result(s):**

Sample No.	Test Result	Test Conclusion
E2303170039-04	After the test, the appearance of the sample is complete and can work normally.	Pass

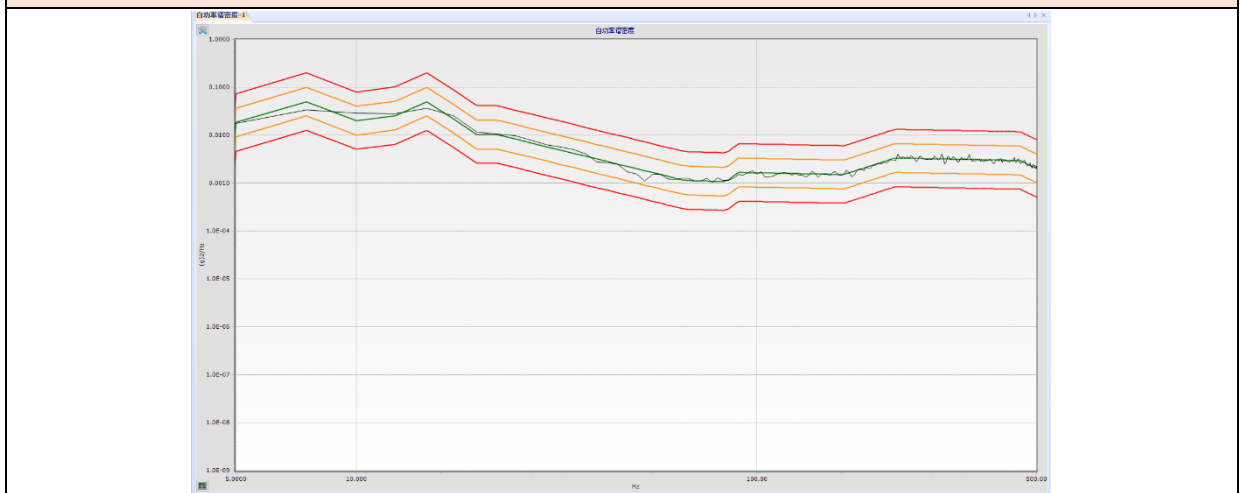
**1.8 Test Photo(s)**



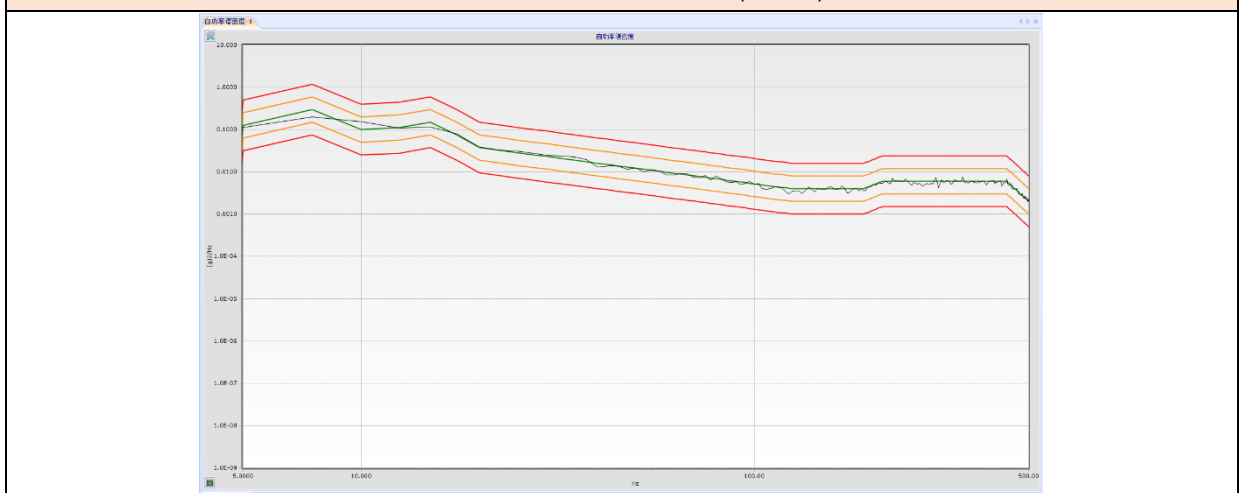
### 1.9 Test Curve(s)



The curve of Vibration test (X axis)



The curve of Vibration test (Y axis)



The curve of Vibration test (Z axis)

\*\*\* End of Report \*\*\*

# 声明

## Statement

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Issuance records of the Report are available on the internet at <http://www.emtek.com.cn/zhengshuchaxun.html>. Further enquiry of validity or verification of the Report should be addressed to the company.



# Test Report

**Sample Name** : Rugged Tablet

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**Sample Model** : RT6

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**Inspection Classification** : Commission test

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**Manufacturer** : SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO., LTD.

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**Client** : SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO., LTD.

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Guangzhou LCS Compliance Testing Laboratory Ltd.



Guangzhou LCS Compliance Testing Laboratory Ltd.  
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Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity





# Test Report

**Client** : SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO., LTD.  
 : 202, Building A2, Silicon Valley Power Intelligent Terminal Industrial Park, No. 20,  
**Address** Dafu Industrial Zone, Kukeng Community, Guanlan Street, Longhua District, Shenzhen,  
 Guangdong, China

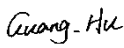
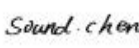

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client:**

Sample Name : Rugged Tablet  
 Sample Model : RT6  
 Sample Quantity : 2PCS  
 Sample tested Status : Normal  
 Sample received Date : Mar.14, 2023  
 Sample tested Date : Mar.14, 2023  
 Trade mark : OUKITEL

**Test result information:**

Test item : IP69K  
 Test standard : ISO 20653: 2013  
 Test result : PASS

Remark : The model of the sample series have RT6, RT6 S, RT6 Pro and RT6 Ultra. Client's statement: All models are identical including the construction, circuit diagram, materials, only the model name is different. The report choose the model RT6 as the main test model. Other models testing result refer to the model RT6.

					
Edited by	Guang Hu	Checked by	Sound Chen	Approved by	Kizard Zhang
	Mar.17, 2023		Mar.17, 2023		Mar.17, 2023





# Test Report

## Revise Record

Report version	Issued date	Revision times	Revised content	Valid version
LCSC031423001K	Mar.17, 2023	/	Original Report	Valid



Guangzhou LCS Compliance Testing Laboratory Ltd.  
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BC  
/E



# Test Report

## Test Item1: IPX9K

### 1) Environment conditions:

Temperature: 23.2°C Humidity: 57%RH

### 2) Tested sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
C031423001-001	Rugged Tablet	RT6	1PC	Normal

### 3) Reference basis: ISO 20653: 2013

### 4) Test condition:

#### 1. Test parameters:

Water temperature	80±5°C
Pressure	(8000~10000kPa)
Water flow	14~16L/min
Distance	10~15CM
Angle and time	0°, 30°, 60°, 90°, 30S per angle

#### 2. Judgment: After the test, no water entered into the sample.

### 5) Test equipment:

Sequence	Equipment Name	Serial No.	Valid Date to
1	IPX9K rain test chamber	GLCS-S-228	Aug.18, 2023

### 6) Test results:

Sample No.	Test result	Judge
C031423001-001	After the test, no water entered into the sample and the sample function is normal.	PASS

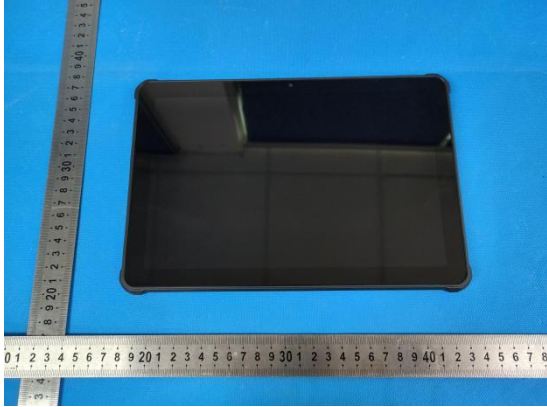




# Test Report

## 7) Test Photos:

### Sample Photo before the test:



Appearance

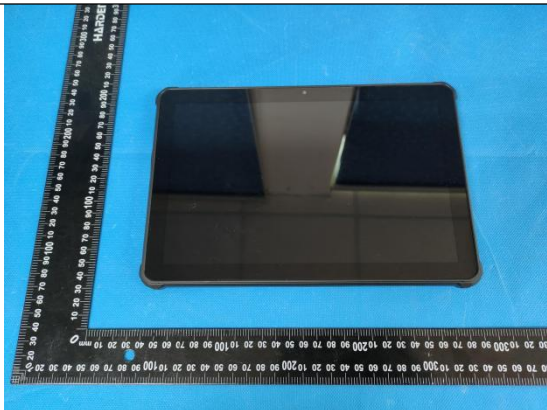


Function inspection

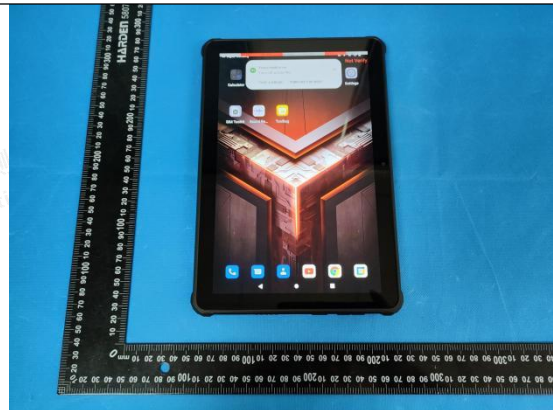
### Sample Photo during the test:



### Sample Photo after the test:



Appearance inspection



Function inspection





# Test Report

## Sample Photo after the test:



Inside inspection



Inside inspection



Guangzhou LCS Compliance Testing Laboratory Ltd.

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# Test Report

## Test Item2: IP6KX

### 1) Environment conditions:

Temperature: 23.4°C Humidity: 53%RH

### 2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
C031423001-002	Rugged Tablet	RT6	1PC	Normal

### 3) Reference Basis: ISO 20653: 2013

### 4) Test Condition:

#### 1. Dangerous parts protection test:

1) The test probe of 1 mm diameter is pushed against any opening of the sample with force of 1N.

2) Solid foreign body protection test:

3) Dust type:Arizona dust;

#### 2. Dust content of dust tester:2 kg/m3;

1) Test duration:A, Blowing dust 6 s;B, Stop for 15 minutes.A + B is a cycle, total 20 cycles;

#### 3. Judgment: After the test, no test dust enter into the sample.

### 5) Test Equipment:

Sequence	Equipment Name	Equipment No.	Cal. Due
1	Dust test chamber	GLCS-S-227	Aug.18, 2023
2	IP4X standard probe	GLCS-S-255	Jun.20, 2023

### 6) Test Results:

Sample No.	Test Result	Judge
C031423001-002	After the test, no test dust enter into the sample and the sample function is normal.	PASS

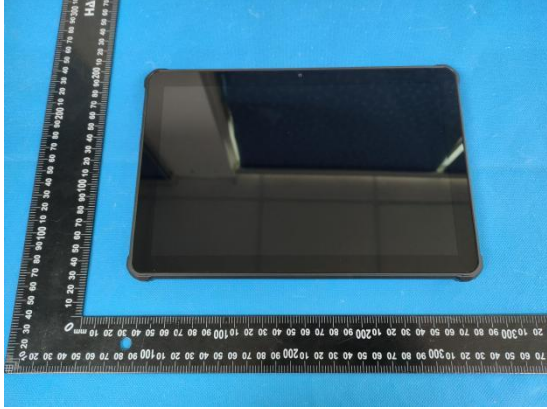




# Test Report

## 7) Test Photos

### Sample Photo before the test:



Appearance



Function inspection

### Sample Photo during the test:



### Sample Photo after the Test:



Appearance inspection



Function inspection





# Test Report

## Sample Photo after the Test:



Inside inspection



Inside inspection







# Test Report

## NOTES:

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\*\*\*\* End of Report \*\*\*\*



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# TEST REPORT

Report No.: BCTC2303437591S

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY  
CO.,LTD

Product Name: Rugged Tablet

Product Type: RT6

Tested Date: 2023-03-20 to 2023-03-21

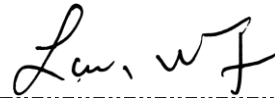
Issued Date: 2023-03-31

**Shenzhen BCTC Testing Co., Ltd.**



<b>IP CODE Report</b> <b>EN 60529</b> <b>Degrees of protection provided by enclosures</b>	
Report Reference No. .... :	<b>BCTC2303437591S</b>
Date of issue ..... :	<b>2023-03-31</b>
Total number of pages ..... :	10 pages
<b>Testing laboratory</b> ..... :	<b>Shenzhen BCTC Testing Co., Ltd.</b>
<b>Address</b> ..... :	1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China
<b>Applicant</b> ..... :	<b>SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD</b>
<b>Address</b> ..... :	202, Building A2, Silicon Valley Power Intelligent Terminal Industrial Park, No. 20, Dafu Industrial Zone, Kukeng Community, Guanlan Street, Longhua District, Shenzhen
<b>Standard</b> ..... :	<b>EN 60529:1991+A1:2000+A2:2013</b>
<b>Test procedure</b> ..... :	<b>Compliance with EN 60529:1991+A1:2000+A2:2013</b>
<b>Procedure deviation</b> ..... :	N.A.
<b>Non-standard test method</b> ..... :	N.A.
<b>Type of test object</b> ..... :	Rugged Tablet
<b>Trademark</b> ..... :	OUKITEL
<b>Manufacturer</b> ..... :	<b>SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD</b>
<b>Address</b> ..... :	202, Building A2, Silicon Valley Power Intelligent Terminal Industrial Park, No. 20, Dafu Industrial Zone, Kukeng Community, Guanlan Street, Longhua District, Shenzhen
<b>Model/type reference</b> ..... :	RT6 RT6 S, RT6 Pro, RT6 Ultra
<b>IP CODE</b> ..... :	<b>IP68</b>
<b>Test Result</b> ..... :	P(Pass)

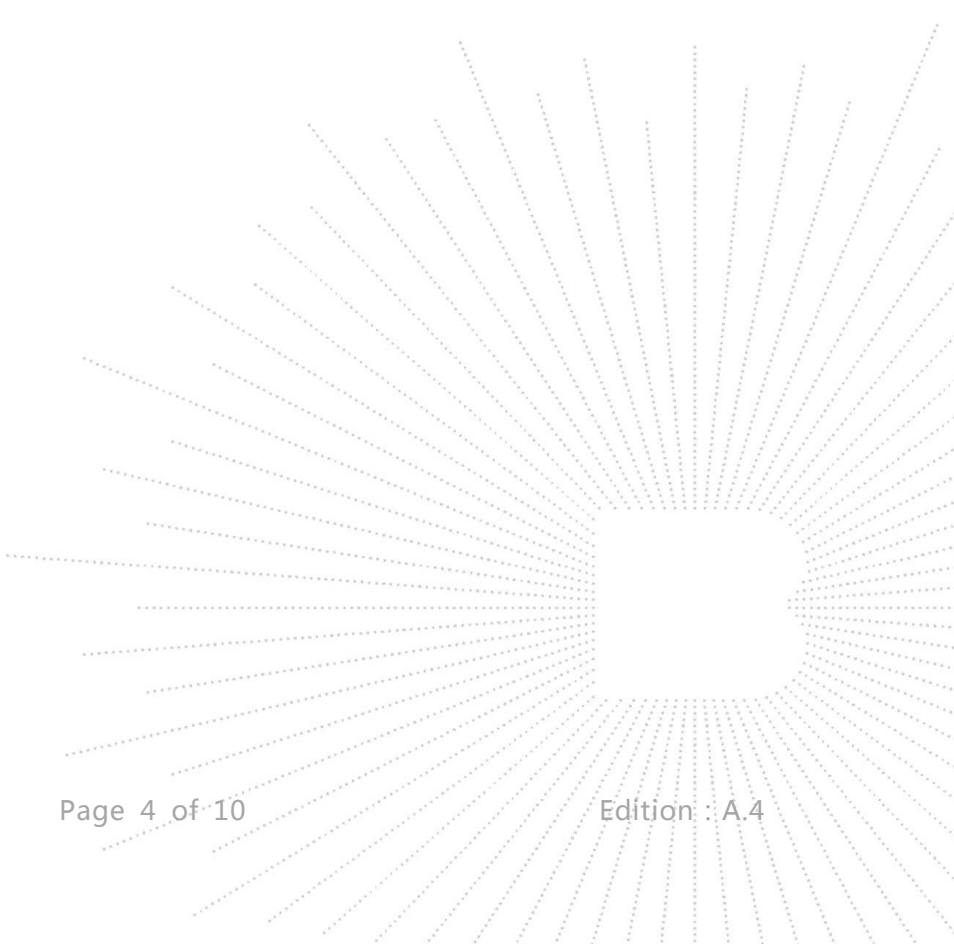


**Testing procedure and testing location:****Testing Laboratory** ..... : **Shenzhen BCTC Testing Co., Ltd.**Address..... : 1-2/F., Building B, Pengzhou Industrial Park, No.158,  
Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an  
District, Shenzhen, Guangdong, China**Tested by (name, function, signature)...** : Pual Zhong  
(Project Handler)**Approved by (name, function, signature)** ..... : Sam Wang  
(Reviewer),TC  
3C  
PPR  
测

<b>Possible test case verdicts :</b>	
test case does not apply to the test object .....	: N(.A.)
test object does meet the requirement .....	: P(ass)
test object does not meet the requirement .....	: F(ail)

<b>General remarks:</b>	
<p>"(see remark #)" refers to a remark appended to the report.</p> <p>"(see appended table)" refers to a table appended to the report.</p> <p>Throughout this report a comma is used as the decimal separator.</p> <p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced except in full without the written approval of the testing laboratory.</p> <p>Full test on model RT6.</p> <p>The all models have same format, different in model name.</p>	Attached with: Photo

TEC  
TC  
OVB  
检



EN 60529			
Clause	Requirement - Test	Result - Remark	Verdict
<b>5</b>	<b>Degrees of protection against access to hazardous parts and against solid foreign objects indicated by the first characteristic numeral</b>		P
5.1	Protection against access to hazardous parts		P
	<b>First characteristic numeral is 6</b> Protected against access to hazardous parts with a wire. The access probe of 1,0 mm shall not penetrate		P
5.2	Protection against access solid foreign objects		P
	<b>First characteristic numeral is 6</b> Dust-tight No ingress of dust		P
<b>6</b>	<b>Degrees of protection against ingress of water indicated by the second characteristic numeral</b>		P
	<b>Second characteristic numeral is 8</b> Protected against the effects of continuous immersion in water	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions which shall be agreed between manufacturer and user but which are more severe than numeral 7	P
<b>10</b>	<b>Marking</b>		P
	The requirements for marking shall be specified in the relevant product standard. Where appropriate, such a standard should also specify the method of marking which is to be used when - one part of an enclosure has a different degree of protection to that of another part of the same enclosure; - the mounting position has an influence on the degree of protection; -the maximum immersion depth and time are indicated.		P
<b>11</b>	<b>General requirements for tests</b>		P
11.1	Atmospheric conditions for water or dust Tests: Temperature range: Relative humidity: 25% to 75% Air pressure: 15 °C to 35 °C 86 kPa to 106 kPa (860 mbar to 1 060 mbar).		P
11.2	Test samples The tests specified in this standard are type tests.		P
<b>12</b>	<b>Tests for protection against access to hazardous parts indicated by the first characteristic numeral</b>		P

12.1	Access probes The test wire of 1,0 mm shall not penetrate and adequate clearance shall be kept		P
12.2	Test conditions For tests on low-voltage equipment, a low-voltage supply (of not less than 40 V and not more than 50 V) in series with a suitable lamp should be connected between the probe and the hazardous parts inside the enclosure. Hazardous live parts covered only with varnish or paint, or protected by oxidation or by a similar process, are covered by a metal foil electrically connected to those parts which are normally live in operation. The signal-circuit method should also be applied to the hazardous moving parts of high-voltage equipment. Internal moving parts may be operated slowly, where this is possible.		P
12.3	Acceptance conditions: The protection is satisfactory if adequate clearance is kept between the access probe and hazardous parts.		P
<b>13</b>	<b>Tests for protection against solid foreign objects indicated by the first characteristic numeral</b>		P
13.1 & 13.2	Test means & Test conditions Test means and the main test conditions are given in Table VII		P
13.3	Acceptance conditions for first characteristic numerals 1,2,3,4 The protection is satisfactory if the full diameter of the probe specified in Table VII does not pass through any opening.		N
13.4	Dust test for first characteristic numerals 5 and 6 The test is made using a dust chamber incorporating the basic principles shown in figure 2 whereby the powder circulation pump may be replaced by other means suitable to maintain the talcum powder in suspension in a closed test chamber. The talcum powder used shall be able to pass through a square-meshed sieve the nominal wire diameter of which is 50µm and the nominal width of a gap between wires 75µm. The amount of talcum powder to be used is 12kg per cubic metre of the test chamber volume. It shall not have been used for more than 20 tests.		P
<b>14</b>	<b>Tests for protection against water indicated by the second characteristic numeral</b>		P
14.1	Test means & Test conditions Test means and the main test conditions are given in Table VIII		P
14.2	Test conditions		P

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14.2.7	<p><b>Test for second characteristic numeral 7: Temporary immersion between 0.15m and 1m</b>          The test is made by completely immersing the enclosure in water in its service position as specified by the manufacturer so that the following conditions are satisfied:</p> <ul style="list-style-type: none"> <li>a) the lowest point of enclosures with a height less than 850mm is located 1000mm below the surface of the water</li> <li>b) the highest point of enclosures with a height equal to or greater than 850mm is located 150mm below the surface of the water</li> <li>c) the duration of the test is 30 min</li> <li>d) the water temperature does not differ from that of the equipment by more than 5K. However, a modified requirement may be specified in the relevant product standard if the tests are to be made when the equipment is energized and/or its parts in motion.</li> </ul>		P
14.2.8	<p><b>Test for second characteristic numeral 8: Continuous immersion subject to agreement</b>          Unless there is a relevant product standard, the test conditions are subject to agreement between manufacturer and user, but they shall be more severe than those prescribed in 14.2.7 and shall take account of the condition that the enclosure will be continuously immersed in actual use</p>	Under normal conditions, stay 1.5 meters under water for 30 min.	P
14.3	<p>Acceptance conditions          After testing in accordance with the appropriate requirements of 14.2.7 the enclosure shall be inspected for ingress of water.          It is the responsibility of the relevant Technical Committee to specify the amount of water which may be allowed to enter the enclosure and the details of a dielectric strength test, if any.          In general, if any water has entered, it shall not:</p> <ul style="list-style-type: none"> <li>-be sufficient to interfere with the correct operation of the equipment or impair safety;</li> <li>- deposit on insulation parts where it could lead to tracking along the creepage distances;</li> <li>- reach live parts or windings not designed to operate when wet;</li> <li>- accumulate near the cable end or enter the cable if any.</li> </ul> <p>If the enclosure is provided with drain-holes, it should be proved by inspection that any water which enters does not accumulate and that it drains away without doing any harm to the equipment.          For enclosures without drain-holes, the relevant product standard shall specify the acceptance conditions if water can accumulate to reach live parts.</p>	No water has entered	P





**Photo:**

**EUT Photo 1**



**EUT Photo 2**



BCTC  
BC  
APPR  
停测

**EUT Photo 3**



**EUT Photo 4**



TEST  
TC  
OVED  
检测

**STATEMENT**

1. The equipment lists are traceable to the national reference standards.
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without stamp of laboratory.
4. The test report is invalid without signature of person(s) testing and authorizing.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the customer and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC17025.
8. If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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**\*\*\*\*\* END \*\*\*\*\***

