

Shenzhen ORT Technical Services Co., Ltd.

TEST REPORT

Report Number					
ORTSZ240813112001-2					
Sample Name:	Smartphone		Applicant:	Shenzhen Huafurui Technology Co., Ltd.	
Model:	KINGKONG ES		Address:	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, China	
Spec:	/		Vendor or Supplier:	Shenzhen Huafurui Technology Co., Ltd.	
Brand:	CUBOT		Address:	The same as above	
Sample Quantity:	1 Unit		Manufacturer:	Shenzhen Huafurui Technology Co., Ltd.	
Specimen Source:	Submitted by applicant		Address:	The same as above	
Received Date:	2024.08.12	Detection Date:	2024.08.14	Report Date:	2024.08.16
Test Requirement:	ISO 20653:2023.				
Test Item:	1. IP6KX Test; 2. IPX9K Test.				
Decision Rules:	After the test, the sample function is normal, disassembly inspection, no dust and water inside.				
Test Conclusion:	Pass/Details see the summary of test results on the next page.				
Tested By:	Zhu Ziqi	Date:	Shenzhen ORT Technical Services Co., Ltd.		
Signature:	<i>Zhu Ziqi</i>	2024-08-16			
Checked By:	Lonny Chen	Date:			
Signature:	<i>Lonny Chen</i>	2024-08-16			
Approved By:	Makoto. Wu	Date:			
Signature:	<i>Makoto. Wu</i>	2024-08-16			

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I Testing Overview

1. Sample information

Name	Model	Quantity	Sample No.
Smartphone	KINGKONG ES	1 Unit	2#

2. Summary of test results

No.	Test record	Test item	Sample test results		
			PASS	FAIL	N/A
1	Page 3 of this report	IP6KX Test	PASS	/	/
2	Page 3 of this report	IPX9K Test	PASS	/	/

Note:1. "PASS" means Conformity Rule, "FAIL" means Nonconformity Rule, and "N/A" means Not Applicable.

2. When customers have no Decision Rule requirements for Test setup, P.T.O For test records and test results.

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II Test Records

1 Test Item: IP6KX Test

2.1 Test Equipment:

No.	Name	Model No.	Equipment No.	Calibration Validity
1	Sand and Dust Test Chamber	TL-SC-1000	ORT-SC1000-01	2025.06.19
2	IP4X Test Probe	IP4X/1N Thrust	ORT-IP4X-01	2025.06.22

2.2 Test Environment: Temperature: 26℃ ;Relative Humidity: 68%RH .

2.3 Test Method/Specification: According to ISO 20653:2023.

2.4 Test Conditions:

- 1) The level of protection indicated by the first characteristic for approaching hazardous components Number, first characteristic number 6K 1.0mmΦ The test line should not be pierced and sufficient clearance should be maintained.
- 2) Protection against solid foreign objects represented by the first characteristic number and the first characteristic number 6K.
- 3) Mode dust movement: Air and dust mixing exercise for 6s, pause for 15min.
- 4) Test duration: 20 cycles.

2.5 Test Result:

Sample No.	Inspection after test	Conclusion
2#	The sample function is normal, after disassembly inspection, there is no dust inside	Pass

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2 Test Item: IPX9K Test

2.1 Test Equipment:

No.	Name	Model No.	Equipment No.	Calibration Validity
1	High Temperature and High Pressure Jet Test Machine	TL-IPX9K-1000L	ORT-GYPS-01	2025.06.18

2.2 Test Environment: Temperature: 26℃ ;Relative Humidity: 68%RH.

2.3 Test Method/Specification: According to ISO 20653:2023.

2.4 Test Conditions:

- Rotation speed: (5±1) r/min;
- Spraying angle: 0°, 30°, 60°, 90°;
- The distance from nozzle to enclosure surface: 100mm~150mm;
- Water flow rate: (14~16) L/min;
- Water temperature: (80±5)℃;
- Duration: 30s/Position.

2.5 Test Result:

Sample No.	Inspection after test	Conclusion
2#	The function of the sample is normal. After disassembly and inspection, there is no water inside.	Pass

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III Test photo and test curve:

Pre-test:



Fig.1 Appearance inspection



Fig.2 Power on inspection



Fig.3 Appearance inspection

Test Item 1: IP6KX Test



Fig.4 Test setup



Fig.5 Test setup

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Fig.6 Test setup

Test Item 2: IPX9K test

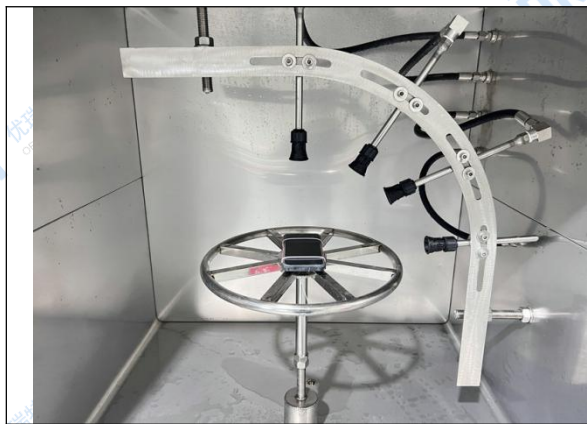


Fig.7 Test setup

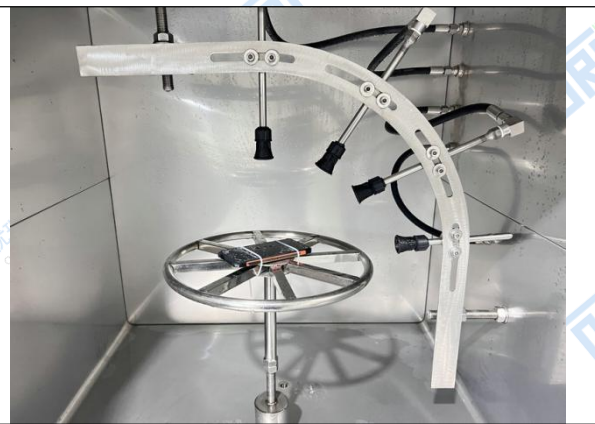


Fig.8 Test before

Post-test:



Fig.9 Appearance inspection



Fig.10 Power on inspection

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Fig.11 Appearance inspection



Fig.12 Internal inspection

*** End of Report ***

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