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Shenzhen ORT Technical Services Co., Ltd.

TEST REPORT

		Report N ORTSZ24083		Think the same	
Sample Name:	Smartphone		Applicant:	Shenzhen Hu Technology C	
Model:	KINGKONG	STAR 2	Address:	Jiaxian Road, Community, E	
Spec:	Black		Vendor or Supplier:	Shenzhen Hu Technology C	
Brand:	СИВОТ		Address: The same as ab		bove
Sample Quantity:	6 Pcs	DK.	Manufacturer:	r: Shenzhen Huafurui Technology Co., Ltd.	
Specimen Source	e: Submitted by	Submitted by applicant		The same as above	
Received Date:	2024.09.01	Detection Date:	2024.09.02~ 2023.09.05	Report Date:	2024.09.07
Test Requiremen	t: For further d	etails, please ref	fer to the followin	ig page(s).	
Test Item:			IP6X Test; 4.IPX		on Test;
Decision Rules:	For further d	For further details, please refer to the following page(s).			
Test Conclusion:	Details see t	he summary of t	est results on the	e next page.	
Tested By:	Li WenFeng	Date:	and the second s	and the second	
Signature:	Li WenFeng	2024-09-07		Re Billion	
Checked By:	Lonny Chen	Date:			
Signature:	Lonny Chon	2024-09-07	Shenzhen C	ORT Technical S	ervices Co., Lto
Approved By:	Makoto. Wu	Date:	R. W.	2024-09-07	16 ⁶
Signature:	Makoto. Wu	2024-09-07		TR'	

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I Testing Overview

1.Sample information

Name	Model	Quantity	Sample No.	
Smartphone	KINGKONG STAR 2	6Pcs	1#~6#	
		0%	and the second se	

2.Summary of test results

ne HC	Toot sound a	Toot itom	Sample test results		
No.	Test record	Test item	PASS	FAIL	N/A
1	Page 3 of this report	IPX9K Test	PASS	and the second	/
2	Page 3 of this report	IP6KX Test	PASS	<u>ه</u> ا	
3	Page 4 of this report	IP6X Test	PASS	1	OF.
4	Page 5 of this report	IPX8 Test	PASS	/	<i>y</i>
5	Page 6 of this report	Vibration Test	PASS	/	/
6	Page 6 of this report	Drop Test	PASS	1 ma	/
7	Page 7 of this report	Combined Temperature and Shock Test	PASS	The second second	

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: IPX9K Test

1.1 Test Equipment:

				and the second se	
No.	Name	Model No.	Equipment No.	Calibration Validity	THE THE REAL PROPERTY
1	High Temperature and High Pressure Jet Test Machine	TL-IPX9K-1000L	ORT-GYPS-01	2025.06.18	ORT BOTT

1.2 Test Environment: Temperature: 23.6°C; Relative Humidity: 59%RH.

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

1.4 Test Conditions:

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

Directional spray cleaning of the shell in any direction should not cause any damage.

1.6 Test Result:

Sample No.	Inspection after test	Conclusion
1#	The appearance of the sample has no visible damage, the startup function is	Pass
	normal, and there is no water inside.	

2 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: 24.5°C; Relative Humidity: 59%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 6 K 1.0mm 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 6 K.

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2.1 Mode dust movement: Air and dust mixing exercise for 6 s, pause for 15min

2.2 Test duration: 20 cycles

2.5 Acceptance Criteria:

After the test, the sample functions normally, and after disassembly and inspection, there is no dust inside.

2.6 Test Result:

Sample No.	Inspection after test	Conclusion
2#	The appearance of the sample has no visible damage, the startup function is	Pass
HOZ#	normal, and there is no dust inside.	r d55

3 Test Item: IP6X Test

3.1 Test Equipment:

No.	Name	Model No.	Equipment No.	Calibration Validity
1 on the	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

3.2 Test Environment: Temperature: 23.2°C ;Relative Humidity: 60%RH.

3.3 Test Method/Specification: According to IEC 60529:1989/AMD2:2013/COR1:2019.

3.4 Test Conditions:

1) Degrees of protection against access to hazardous parts:

The test wire of Φ 1.0mm shall not penetrate and adequate clearance shall be kept.

- 2) Degrees of protection against solid foreign objects:
 - 2.1 During the experiment, the dosage of talc powder was 2 kg/m³, And test for 8 hours.
 - 2.2 The enclosure under test is supported inside the test chamber and the pressure inside the enclosure is

maintained below the surrounding atmospheric pressure by a vacuum pump. A volume of air 80 times the volume

of the sample enclosure, the extraction rate of 40 volumes per hour, and test 2 hours.

3.5 Acceptance Criteria:

After the test, the sample functions normally, and after disassembly and inspection, there is no dust inside.

3.6 Test Result:

Sample No.	Inspection after test	Conclusion
3#	The appearance of the sample has no visible damage, the startup function is normal, and there is no dust inside.	Pass

4 Test Item: IPX8 Test

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4.1 Test Equipment:

No.	Name	Model No.	Equipment No.	Calibration Validity
Difference on 1	Water Immersion Pressure Tester	TL-IPX8-600	ORT-IPX8-01	2025.06.18

4.2 Test Environment: Temperature: 23.1°C; Relative Humidity: 60%RH.

4.3 Test Method/Specification: According to IEC 60529:1989/AMD2:2013/COR1:2019.

4.4 Test Conditions:

1) Put the sample into the test device;

- 2) Depth: 1.5 m; Test duration: 30 min;
- 3) The temperature difference between the water and the sample is no more than 5 K.

4.5 Acceptance Criteria:

1. After testing, check the functionality of the sample and whether there is water ingress inside the casing;

2. Continuous immersion in water, if water enters, the amount of water entering the casing should not cause damage to the product.

4.6 Test Result:

Sample No.	Inspection after test	Conclusion
4#	The appearance of the sample has no visible damage, the startup function is	Pass
4#	normal, and there is no water inside.	Fass

5 Test Item: Vibration Test

5.1 Test Equipment:

No.	Name	Model No.	Equipment No.	Calibration Validity
1	Vibration Tester	MPA406/M232A	ORTZD2000-01	2025.06.18

5.2 Test Environment: Temperature: 22.6°C; Relative Humidity: 59%RH.

5.3 Test Method/Specification: According to client's requirements.

5.4 Test Conditions:

			NOT THE REAL PROPERTY OF THE R	
Frequency (Hz)	Acceleration (g)	Displacement (mm)	Test axis	Test time
5~14	/	5.08		ALL
14~33	2	1		
33~52	and the second	0.91	X, Y, Z axis	2 h/axis
52~500	Street 5			

5.5 Acceptance Criteria: After the test, the appearance of the sample is normal and the function is normal.

5.6 Test Result:

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Sample No.	Inspection after test	Conclusion	
5#	The appearance of the sample is not visible damage, the startup function is	Pass	
	normal, and the internal structure is not damaged.	r ass	

6 Test Item: Drop Test

6.1 Test Equipment:

No.	Name	Model No.	Equipment No.	Calibration Validity
1° ^{erte}	Drop Tester	LX-DL-315	ORT-DL-01	2025.06.18

6.2 Test Environment: Temperature: 23.5°C; Relative Humidity: 60%RH.

6.3 Test Method/Specification: According to MIL-STD-810H:2019, Method 516.8.

6.4 Test Conditions:

Height of drop:	122 cm
Orientation of drop:	6 faces, 8 corners, 12 edges.
	See State

Number of drop: 1 times/orientation, totally 26 times.

Note: Testing with a total mass M<45 Kg is allowed on both test samples.

5# sample for the drop of corners and faces (14 times in total); 6# sample for the drop of edge (12 times in total).

6.5 Acceptance Criteria: After testing, the sample is inspected for appearance and function.

6.6 Test Result:

Sample No.	Inspection after test	Conclusion	
5#、6#	The appearance of the sample is not visible damage, the startup function is	Pass	
5#~ 0#	normal, and the internal structure is not damaged.	r a55	

7 Test Item: Combined Temperature and Shock Test

7.1 Test Equipment:

No.	Name	Model No.	Equipment No.	Calibration Validity
1	Rapid Temperature Chang Test Chamber	TH15-1000DHVB	ORTKWB1000-01	2025.06.19
2	Vibration Tester	MPA406/M232A	ORTZD2000-01	2025.06.18

7.2 Test Environment: Temperature: 23.5°C; Relative Humidity: 60%RH.

7.3 Test Method/Specification: According to client's requirements.

7.4 Test Conditions:

Shock Test Parameter		Temperature Test Parameter		
Pulse Shape:	Half Sine			
Peak Acceleration:	30 g	and a set of the second		
Pulse Duration:	6 ms	-55℃, 70℃ .		
Test Orientation:	±X, ±Y, ±Z axis	The ol		
Test Time:	2 times/axis, 12 times in total.	<u> </u>		

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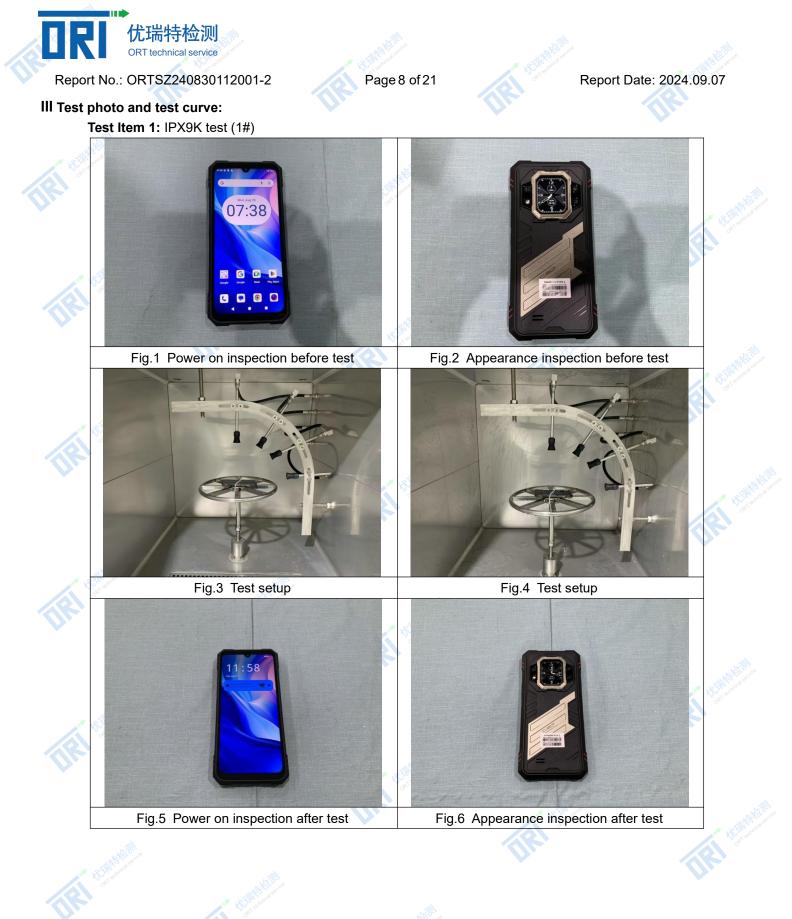
Note: the sample should stay in the test chamber for 30 min after the shock test, then take out and check.

7.5 Acceptance Criteria: After testing, the sample is inspected for appearance and function.

7.6 Test Result:

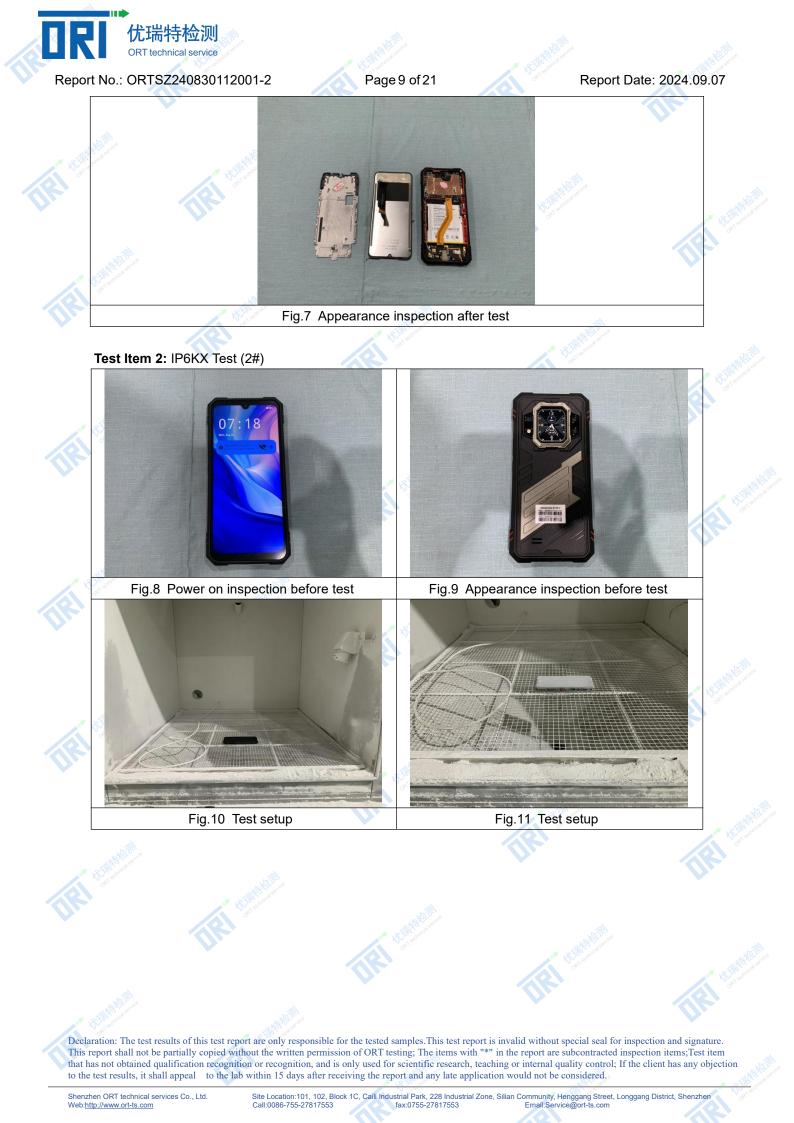
0.			-
Sample No.	Inspection after test	Conclusion	. AST
6#	The appearance of the sample is not visible damage, the startup function is normal, and the internal structure is not damaged.	Pass	Hartenne ser

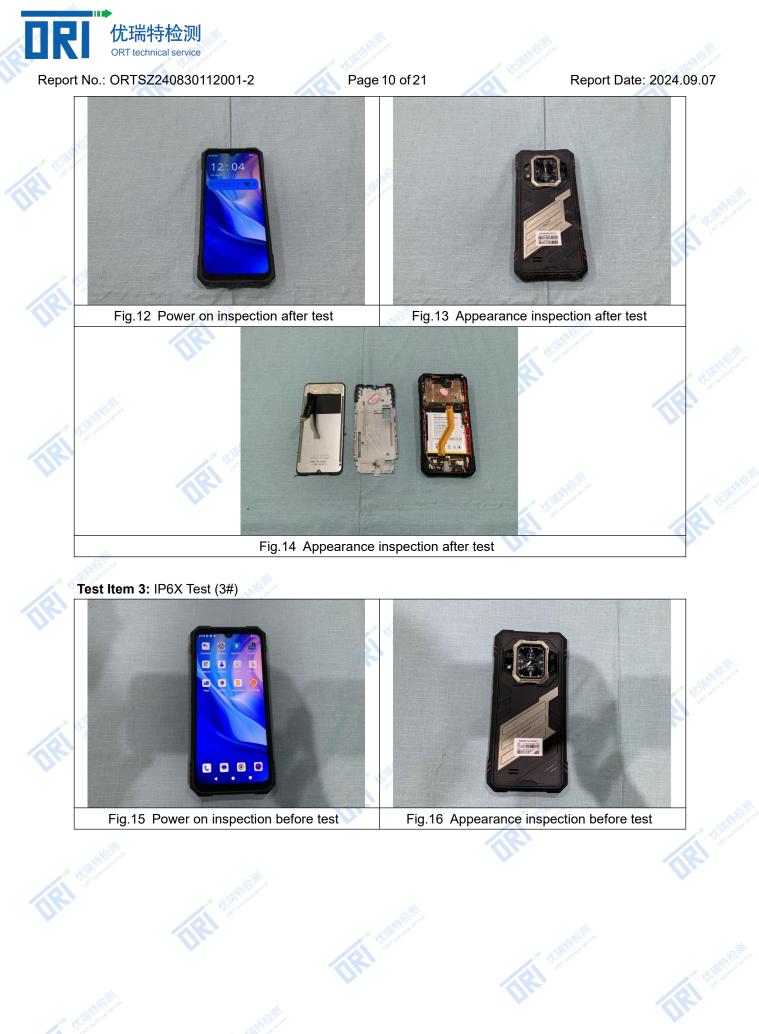
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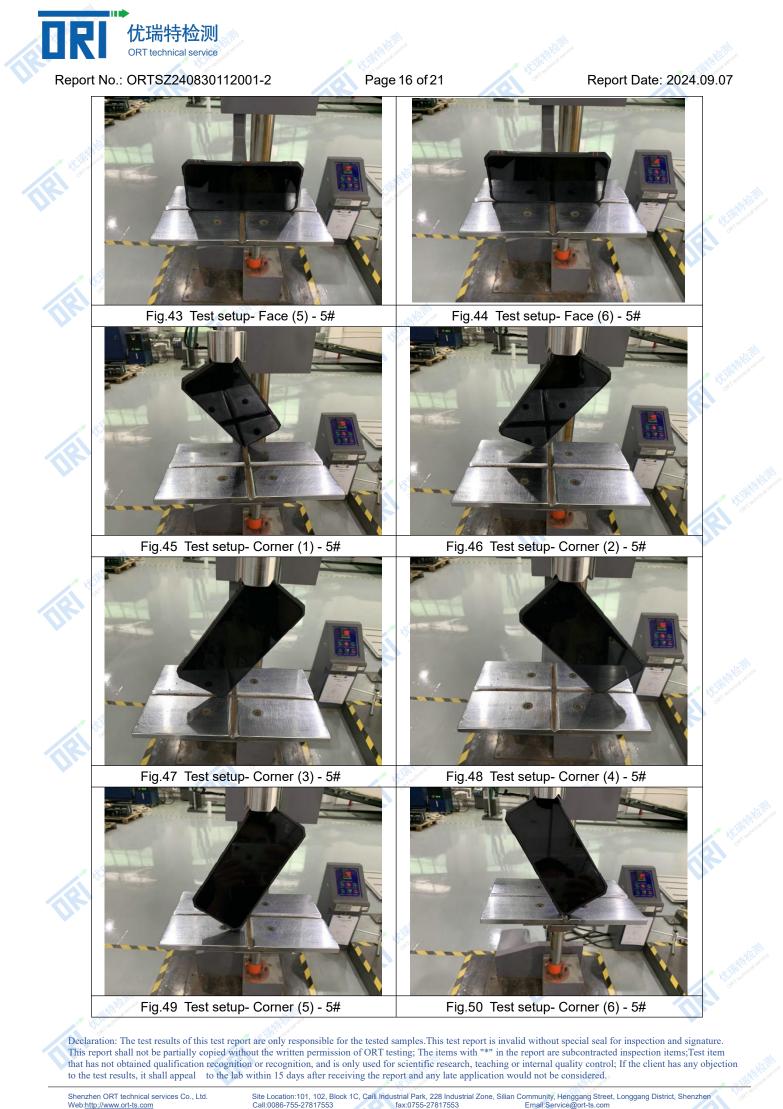


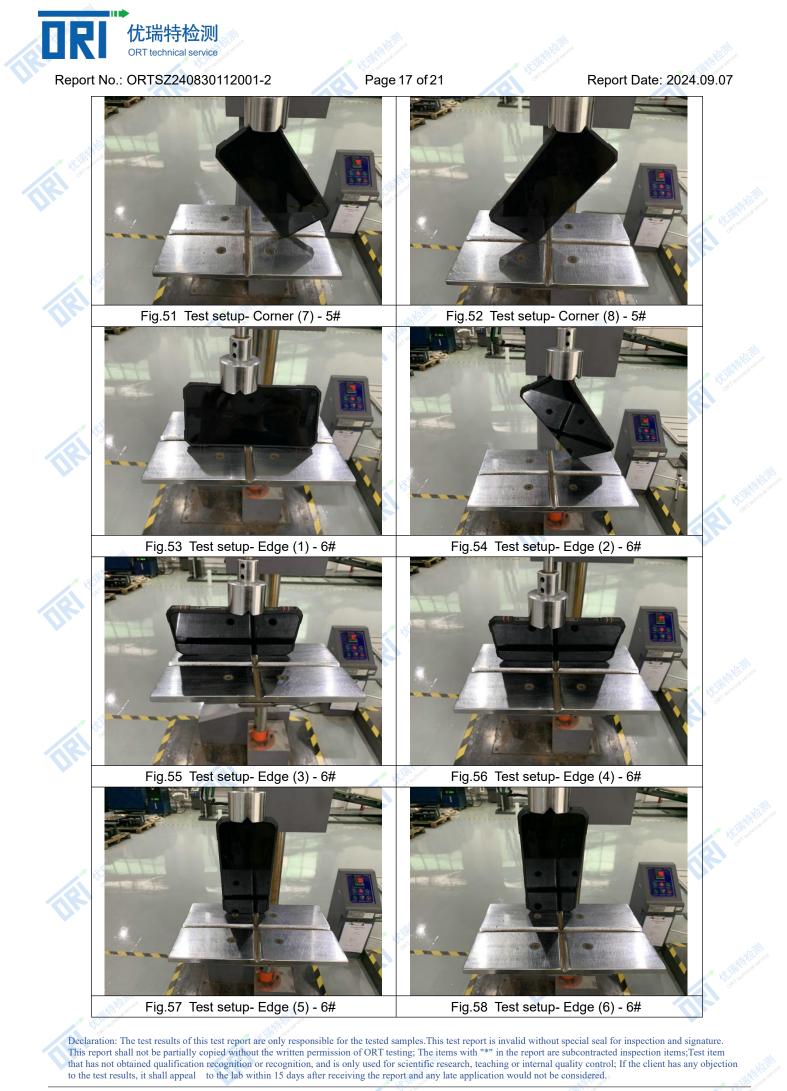












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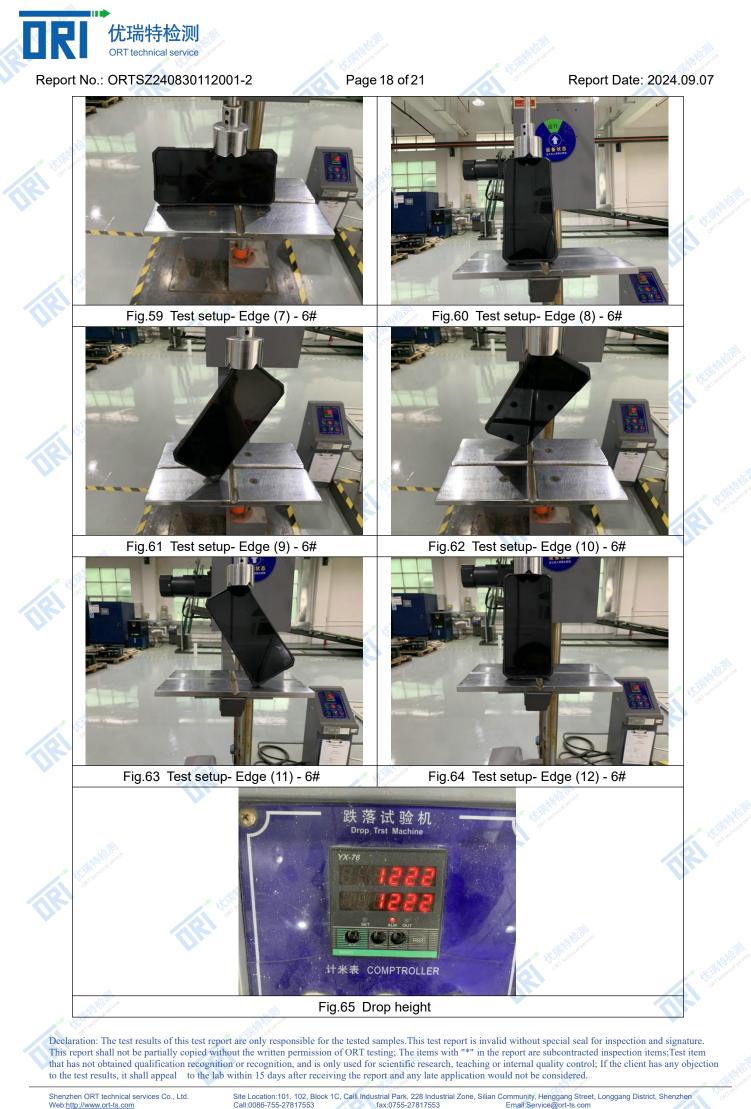




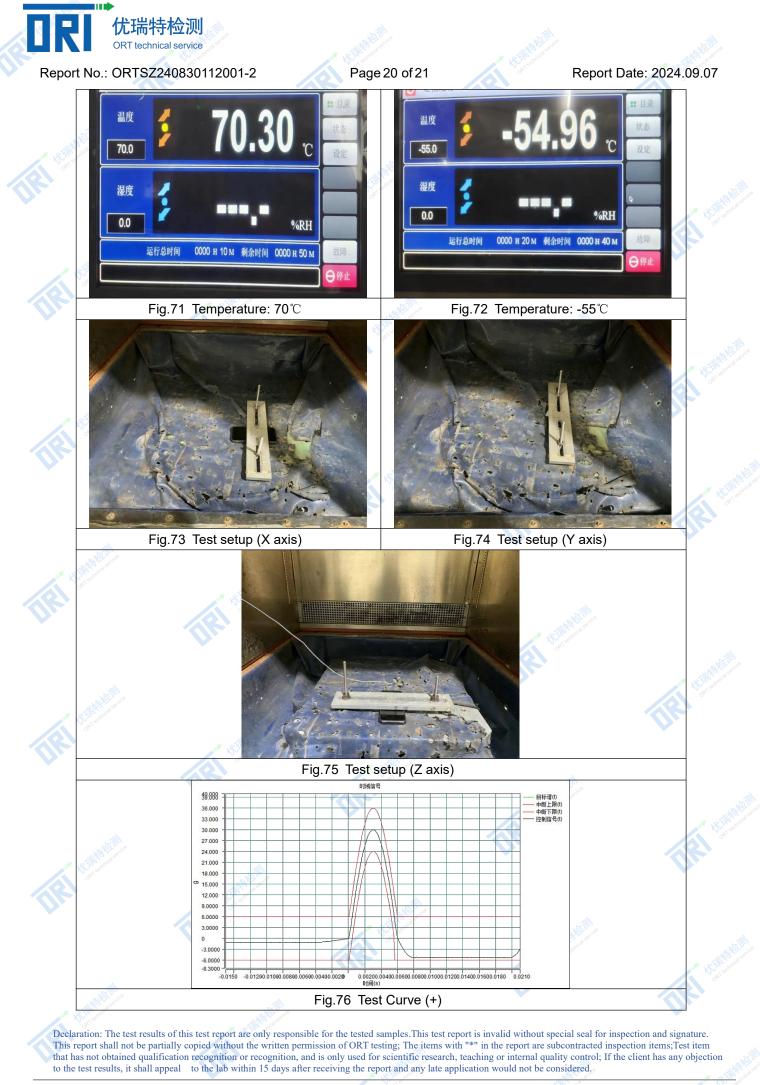
Fig.69 Power on inspection before test

Fig.70 Appearance inspection before test

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