



Shenzhen ORT Technical Services Co., Ltd.

校验码 (Check code):

J8183N



scan to verify

TEST REPORT

Report Number ORT260717112001-R01					
Sample Name:	Smartphone		Applicant:	Shenzhen Huafurui Technology Co., Ltd.	
Model:	KINGKONG Dura		Address:	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China	
Spec:	Black		Vendor or Supplier:	Shenzhen Huafurui Technology Co., Ltd.	
Brand:	CUBOT		Address:	As per above address	
Sample Quantity:	5 PCS		Manufacturer:	Shenzhen Huafurui Technology Co., Ltd.	
Specimen Source:	Submitted by applicant		Address:	As per above address	
Received Date:	Jul. 19, 2026	Detection Date:	Jul. 20, 2026 to Jul. 24, 2026	Report Date:	Jul. 24, 2026
Test Standard:	Please refer to the test record on the next page.				
Test Item:	Please refer to the test record on the next page.				
Test Requirements:	Please refer to the test record on the next page.				
Tested By:	Meng WenLong	Date:	Shenzhen ORT Technical Services Co., Ltd. Jul. 24, 2026		
Signature:	Meng Wen long	Jul. 24, 2026			
Checked By:	Lonny Chen	Date:			
Signature:	Lonny Chen	Jul. 24, 2026			
Approved By:	Makoto Wu	Date:			
Signature:	Makoto. Wu	Jul. 24, 2026			

I Testing Overview

1 Sample Information

Name	Model	Quantity PCS	Sample No.
Smartphone	KINGKONG Dura	5	ORT260717112001-SS1/5 to ORT260717112001-SS5/5

Note: Except for Section I "Sample Information" which uses full sample numbers, sample numbers in other chapters of this report are presented in abbreviated form.

2 Summary of Test Results

No.	Test Record	Test Item	Sample No.	Sample Test Results	Test Conclusion
1	Page 3	IPX9K High-Temperature High-Pressure Spray Test	SS1/5	The sample is in good appearance with normal functions.	PASS
2	Page 3	IP6KX-Dust Test	SS2/5	The sample has good appearance; internal inspection after disassembly shows no dust ingress.	
3	Page 4	IP6X-Dust Test	SS3/5	The sample has good appearance; internal inspection after disassembly shows no dust ingress.	
4	Page 5	IPX8-Waterproof Test	SS4/5	The sample is in good appearance. After disassembly inspection, no water ingress is found on the internal circuit board. A small amount of water stain exists on the back of the removable battery, which is insufficient to affect normal operation and safety of the equipment.	
5	Page 5	Vibration Test	SS5/5	The sample is in good appearance with normal functions.	
6	Page 6	Drop Test	SS1/5 SS5/5	The sample is in good appearance with normal functions.	
7	Page 6	Combined Temperature and Shock Test	SS5/5	The sample is in good appearance with normal functions.	

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

(2) For further details, please refer to the following page(s).

II Test Records

1 Test Item : IPX9K High-Temperature High-Pressure Spray Test

1.1 Test Equipment:

No.	Equipment Name	Model No.	Equipment No.	Calibration Validity
1	High Temperature and High Pressure Spray Test Chamber	TL-IPX9K-1000L	ORT-GYPS-01	2027.06.08

1.2 Lab Environment: Temperature: 25.8 °C; Relative humidity: 53 %.

1.3 Test Standard: ISO 20653:2023.

1.4 Test Condition:

1.4.1 Speed: (5±1) r/min.

1.4.2 Spray angles: 0°, 30°, 60°, 90°.

1.4.3 Nozzle distance: 100–150 mm.

1.4.4 Flow rate: 14–16 L/min.

1.4.5 Water temp: (80±5) °C.

1.4.6 Test time: 30 s per position.

1.5 Acceptance Criteria:

No damage after directional spray cleaning from all directions.

2 Test Item : IP6KX-Dust Test

2.1 Test Equipment:

No.	Equipment Name	Model No.	Equipment No.	Calibration Validity
1	Dust and Sand Test Chamber	TL-SC-1000	ORT-SC1000-01	2027.06.16
2	IP4X Test Probe	IP4X / 1N Thrust	ORT-IP4X-01	2027.06.22

2.2 Lab Environment: Temperature: 26.4 °C; Relative humidity: 55 %.

2.3 Test Standard: ISO 20653:2023.

2.4 Test Condition:

2.4.1 The level of protection indicated by the first characteristic for approaching hazardous components Number, first characteristic number 6 K 1.0mm Φ The test line should not be pierced and sufficient clearance should be maintained.

2.4.2 Protection against solid foreign objects represented by the first characteristic number and the first characteristic number 6 K.

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

Test duration: 20 cycles

2.5 Acceptance Criteria:

The sample was not punctured by the test probe and there was sufficient clearance between the sample and the hazardous parts. After the test, the sample function is normal, after the disassembly inspection, there is no dust inside.

2.6 Pre-test inspection:

Sample No.	Inspection before test	Conclusion
ORT260717112001-SS2/5	The sample appears in good, no visible damage to the naked eye, condition and has not been punctured by the test probe with a diameter of 1.00mm.	PASS

3 Test Item : IP6X-Dust Test

3.1 Test Equipment:

No.	Equipment Name	Model No.	Equipment No.	Calibration Validity
1	Dust and Sand Test Chamber	TL-SC-1000	ORT-SC1000-01	2027.06.16
2	IP4X Test Probe	IP4X / 1N Thrust	ORT-IP4X-01	2027.06.22

3.2 Lab Environment: Temperature: 25.1 °C; Relative humidity: 48 %.

3.3 Test Standard: IEC 60529:1989/AMD2:2013/COR1:2019.

3.4 Test Condition:

3.4.1 Degrees of protection against access to hazardous parts:

The test wire of $\Phi 1.0\text{mm}$ shall not penetrate and adequate clearance shall be kept.

3.4.2 Degree of prevention against solid foreign particles: During the test, talcum powder was used at a concentration of 2 kg/m^3 and tested for 8 hours.

3.4.3 The test specimen housing is placed within the testing chamber, where internal pressure is maintained below atmospheric pressure using a vacuum pump. The air volume is 80 times the volume of the sample chamber, with a pumping rate of 40 times the housing volume per hour; the test duration is 2 hours.

3.5 Acceptance Criteria:

The sample was not punctured by the test probe and there was sufficient clearance between the sample and the hazardous parts. After the test, the sample function is normal, after the disassembly inspection, there is no dust inside.

3.6 Pre-test inspection:

Sample No.	Inspection before test	Conclusion
ORT260717112001-SS3/5	The sample appears in good, no visible damage to the naked eye, condition and has not been punctured by the test probe with a diameter of 1.00mm.	PASS

4 Test Item : IPX8-Waterproof Test

4.1 Test Equipment:

No.	Equipment Name	Model No.	Equipment No.	Calibration Validity
1	Immersion Pressure Tester	TL-IPX8-600	ORT-IPX8-01	2027.06.14

4.2 Lab Environment: Temperature: 25.4 °C; Relative humidity: 49 %.

4.3 Test Standard: IEC 60529:1989/AMD2:2013/COR1:2019.

4.4 Test Condition:

4.4.1 Place the sample into the test chamber.

4.4.2 Water depth: 1.5 m; Test duration: 30 minutes.

4.4.3 The temperature difference between water and sample shall not exceed 5 K.

4.5 Acceptance Criteria:

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

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

5 Test Item : Vibration Test

5.1 Test Equipment:

No.	Equipment Name	Model No.	Equipment No.	Calibration Validity
1	Vibration Tester	MPA406/M232A	ORTZD2000-01	2027.06.14
2	Vibration Tester	DC-7500-80	ORTZD7500-02	2027.06.29

5.2 Lab Environment: Temperature: 26.4 °C; Relative humidity: 55 %.

5.3 Test Standard: Refer to customer requirements.

5.4 Test Condition:

Frequency (Hz)	Acceleration (g)	Displacement (mm)	Test axis	Test time
5~14	/	5.08	X, Y, Z axis	2 h/axis
14~33	2	/		
33~52	/	0.91		
52~500	5	/		

5.5 Acceptance Criteria:

After the test, the appearance of the sample is normal and the function is normal.

6 Test Item : Drop Test

6.1 Test Equipment:

No.	Equipment Name	Model No.	Equipment No.	Calibration Validity
1	Drop Tester	LX-DL-315	ORT-DL-01	2027.06.14

6.2 Lab Environment: Temperature: 24.8 °C; Relative humidity: 54 %.

6.3 Test Standard: MIL-STD-810H:2019, Method 516.8.

6.4 Test Condition:

Height of drop: 122 cm

Orientation of drop: 6 faces, 8 corners, 12 edges.

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

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

ORT260717112001-SS1/5~ sample for the drop of corners and faces (14 times in total);

ORT260717112001-SS5/5 sample for the drop of edge (12 times in total).

6.5 Acceptance Criteria:

After the test, the appearance of the sample is normal and the function is normal.

6.6 Inspection during test:

Sample No.	Inspection during test
ORT260717112001-SS1/5 ORT260717112001-SS5/5	The removable battery fell off during the drop test.

7 Test Item : Combined Temperature and Shock Test

7.1 Test Equipment:

No.	Equipment Name	Model No.	Equipment No.	Calibration Validity
1	Vibration Tester	MPA406/M232A	ORT-ZD2000-01	2027.06.14
2		DC-7500-80	ORT-ZD7500-01	2027.06.29
3	Three-comprehensive Test Chamber	TH-3300	ORT-TH3300-01	2027.06.17
4	Rapid Temperature Change Test Chamber	TH15-1000DHVB	ORTKWB1000-01	2027.06.16

7.2 Lab Environment: Temperature: 25.7 °C; Relative humidity: 57 %.

7.3 Test Standard: Refer to customer requirements.

7.4 Test Condition:

Shock Test Parameter		Temperature Test Parameter
Pulse Shape:	Half Sine	-55℃, 70℃.
Peak Acceleration:	30 g	
Pulse Duration:	6 ms	
Test Orientation:	±X, ±Y, ±Z axis	
Test Time:	2 times/axis, 12 times in total.	
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 the test, the sample shall have no abnormal appearance and maintain normal functions.

III Test photo and test curve:

Test Item 1: IPX9K High-Temperature High-Pressure Spray Test (SS1/5)

	
Fig.1: Appearance inspection	Fig.2: Function inspection inspection
	
Fig.3: Appearance inspection	Fig.4: Test setup
	
Fig.5: Appearance inspection after test	Fig.6: Function inspection after test

	N/A
Fig.7: Appearance inspection after test	N/A

Test Item 2: IP6KX-Dust Test (SS2/5)

	
Fig.8: Appearance inspection	Fig.9: Function inspection
	
Fig.10: Appearance inspection	Fig.11: Before the test probe test



Fig.12: Before the test probe test



Fig.13: Test setup



Fig.14: Test setup



Fig.15: Appearance inspection after test



Fig.16: Function inspection after test



Fig.17: Appearance inspection after test



Fig.18: Disassembly Inspection after test

N/A

N/A

Test Item 3: IP6X-Dust Test (SS3/5)

	
Fig.19: Appearance inspection	Fig.20: Function inspection
	
Fig.21: Appearance inspection	Fig.22: Before the test probe test
	
Fig.23: Before the test probe test	Fig.24: Test setup



Fig.25: Test setup



Fig.26: Appearance inspection after test



Fig.27: Function inspection after test



Fig.28: Appearance inspection after test



Fig.29: Disassembly Inspection after test

N/A

N/A

Test Item 4: IPX8-Waterproof Test (SS4/5)



Fig.30: Appearance inspection



Fig.31: Function inspection inspection



Fig.32: Appearance inspection



Fig.33: Test setup



Fig.34: Appearance inspection after test



Fig.35: Function inspection after test



Fig.36: Appearance inspection after test

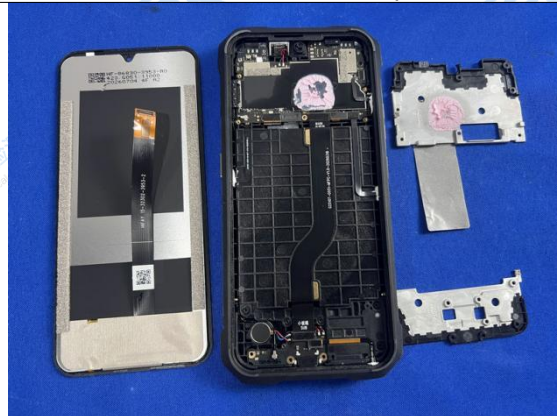


Fig.37: Disassembly Inspection after test



Fig.38: Disassembly Inspection after test



Fig.39: Disassembly Inspection after test

Test Item 5: Vibration Test (SS5/5)



Fig.40: Appearance inspection



Fig.41: Function inspection



Fig.42: Appearance inspection

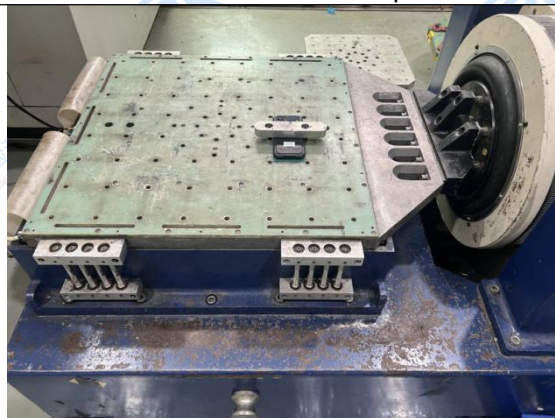


Fig.43: Test setup:X

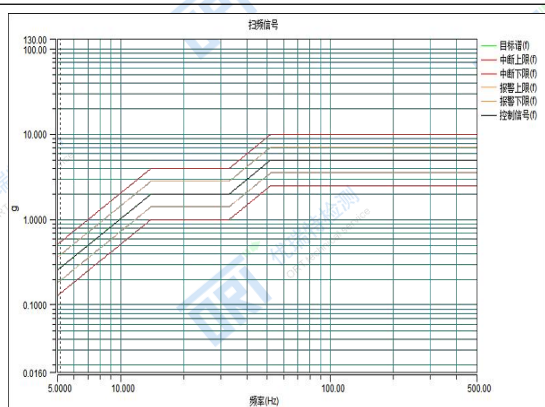


Fig.44: Test curve:X



Fig.45: Test setup:Y

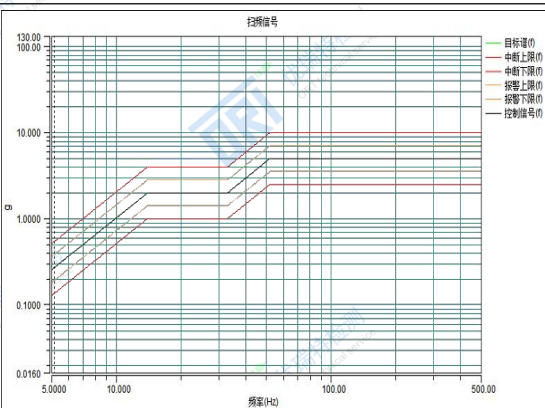


Fig.46: Test curve:Y

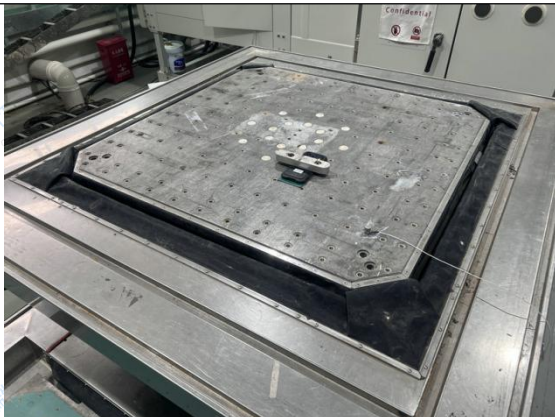


Fig.47: Test setup:Z

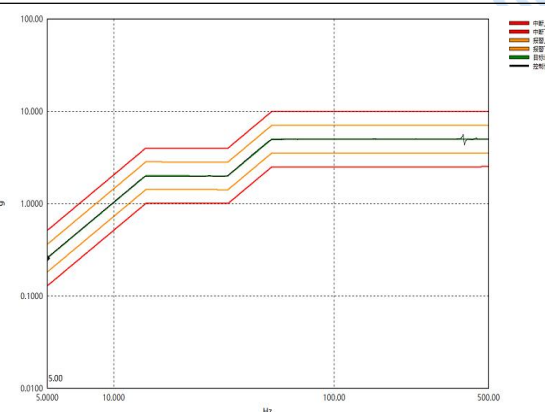


Fig.48: Test curve:Z



Fig.49: Appearance inspection after test



Fig.50: Function inspection after test



Fig.51: Appearance inspection after test

Test Item 6: Drop Test (SS1/5, SS5/5)



Fig.52: Appearance inspection



Fig.53: Function inspection



Fig.54: Appearance inspection



Fig.55: Test setup height

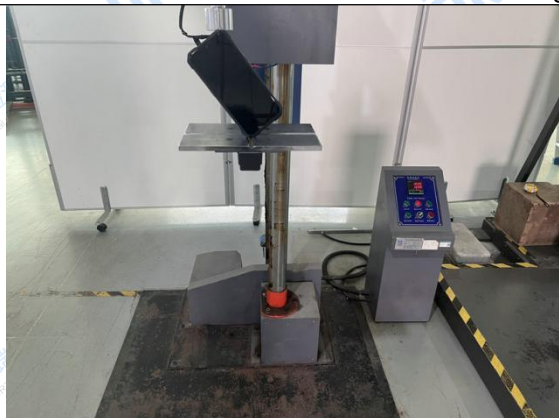


Fig.56: Test setup corner

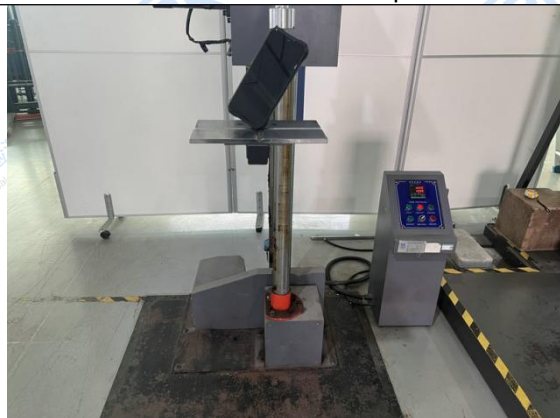


Fig.57: Test setup corner



Fig.58: Test setup corner



Fig.59: Test setup corner



Fig.60: Test setup corner

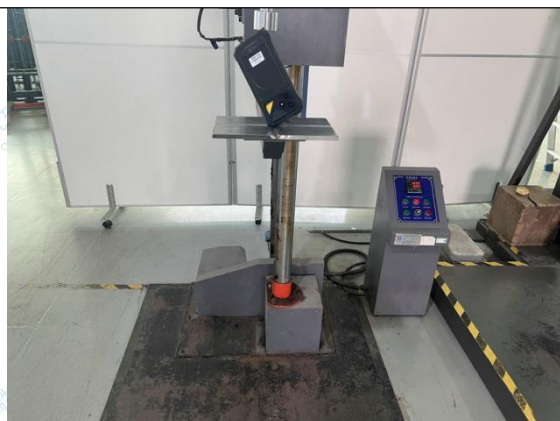


Fig.61: Test setup corner



Fig.62: Test setup corner

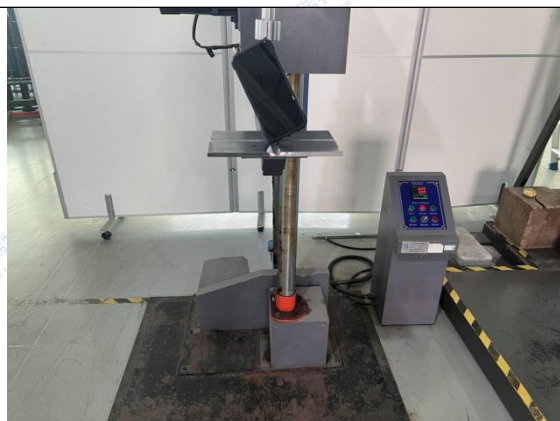


Fig.63: Test setup corner

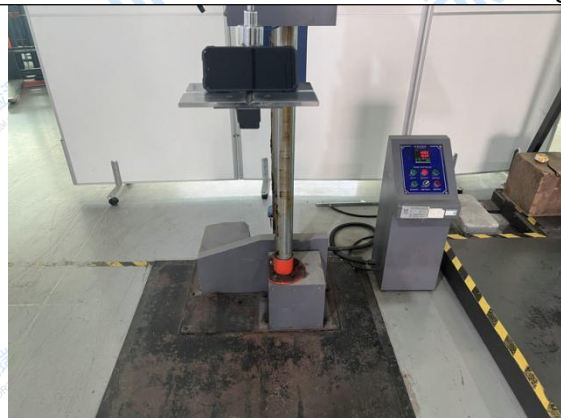


Fig.64: Test setup edge

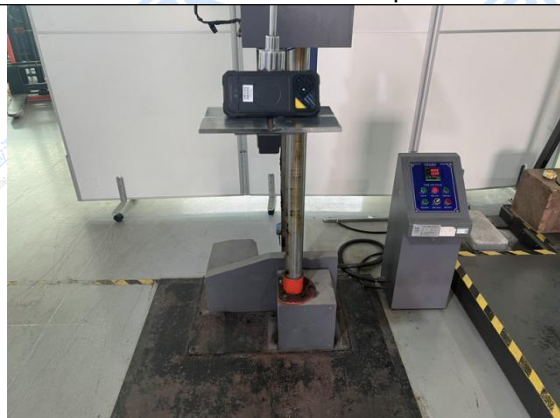


Fig.65: Test setup edge



Fig.66: Test setup edge



Fig.67: Test setup edge

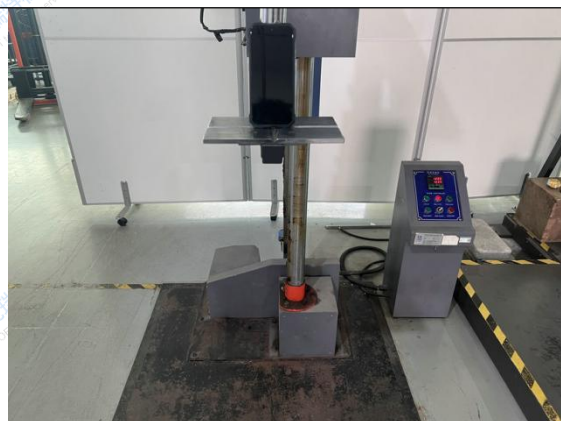


Fig.68: Test setup edge



Fig.69: Test setup edge



Fig.70: Test setup edge

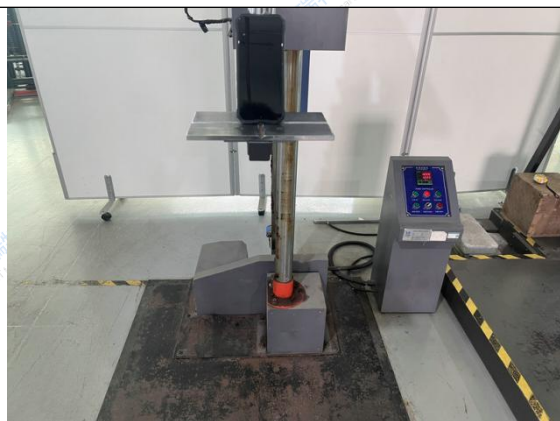


Fig.71: Test setup edge



Fig.72: Test setup edge



Fig.73: Test setup edge

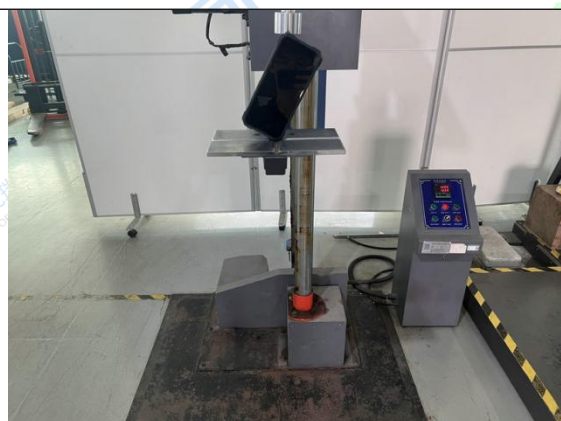


Fig.74: Test setup edge

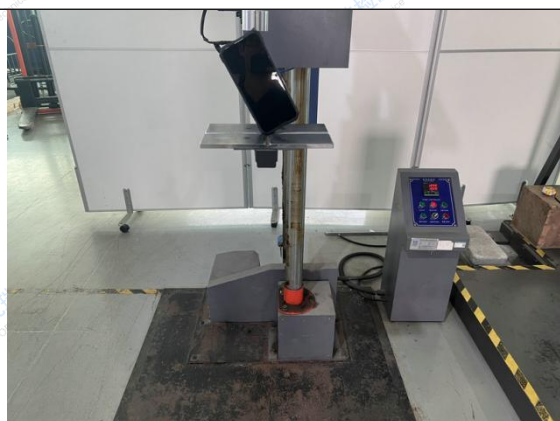


Fig.75: Test setup edge



Fig.76: Test setup face

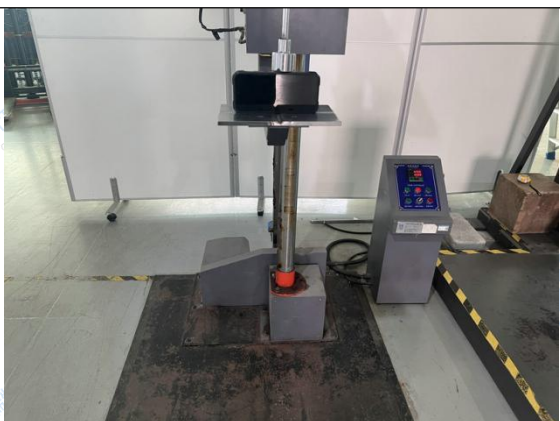


Fig.77: Test setup face



Fig.78: Test setup face



Fig.79: Test setup face



Fig.80: Test setup face

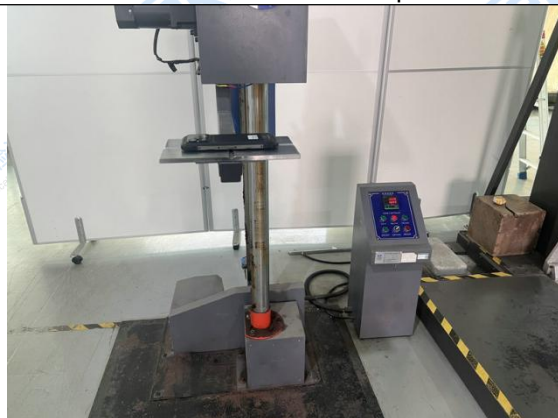


Fig.81: Test setup face



Fig.82: Appearance inspection after test



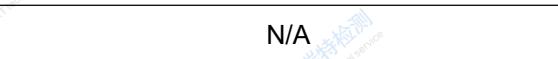
Fig.83: Function inspection after test



Fig.84: Appearance inspection after test



N/A



N/A

Test Item 7: Combined Temperature and Shock Test (SS5/5)



Fig.85: Appearance inspection



Fig.86: Function inspection



Fig.87: Appearance inspection



Fig.88: Test setup:±X



Fig.89: Test setup:±Y



Fig.90: Test setup:±Z



Fig.91: Test setup



Fig.92: Test setup

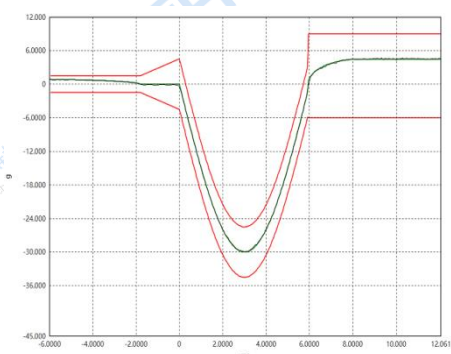


Fig.93: Negative shock curve

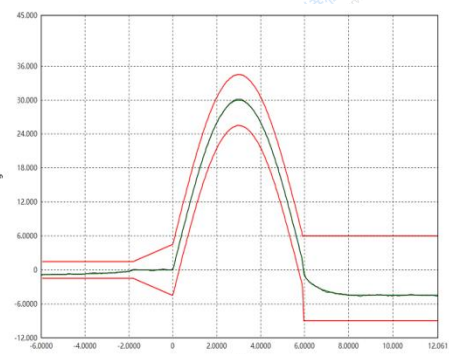


Fig.94: Positive shock curve



Fig.95: Appearance inspection after test



Fig.96: Function inspection after test



Fig.97: Appearance inspection after test

N/A

N/A

*** End of Report ***



Declaration

- (1) The test results of this test report are only responsible for the tested samples.
- (2) The test report is invalid without the Special Seal for Inspection and Testing and authorized signature.
- (3) The report shall not be partially copied without the written permission of ORT Testing.
- (4) Test items with '*' in the report are subcontracted inspection items.
- (5) Test items that have not obtained qualification recognition are only used for scientific research, teaching, or internal quality control. If the client has any objection to the test results, an appeal shall be submitted to our laboratory within 15 days after receiving the report; any overdue application will not be considered.

Shenzhen ORT technical services Co., Ltd.

Site Location: 101, 102, Block 1C, Caili Industrial Park, 228 Industrial Zone, Silian Community, Henggang Street, Longgang District, Shenzhen

Web: <http://www.ort-ts.com>

Tel: +86-755-27817553

Fax: +86-755-27817553

Email: service@ort-ts.com