

TEST REPORT

Report No. : BJ-R231115105A-EN

Test Item : IP67 Test、Drop Test

Client : Meferi Technologies Co., Ltd.

Address : 4501, 45th Floor, Building A, No. 530, Middle Tianfu
Avenue, High-tech Zone, Chengdu, China

Inspected Engineer: Liu Yuehui Date Of Approval: Nov. 17, 2023

Reviewed Engineer: Luo Ningsheng Date Of Approval: Nov. 17, 2023

Authorized Signatory: Zhang Jianbiao Date Of Approval: Nov. 17, 2023



This report is considered invalidated without the Special Seal for Inspection of the BTT. The customer is responsible for the accuracy, authenticity and completeness of the sample(s) and information submitted by the customer, and the company assumes no responsibility for it. This report is only responsible for the result(s) of the sample(s) tested, and the result(s) only reflect the evaluation of the sample(s) tested. The result(s) in this report are used for the purpose of corporate internal product research and development, quality control, scientific research, teaching, etc. This report shall not be copied partly without the written approval of BTT. Any objections to report issued by BTT should be submitted to BTT within 30 days after the issuance of the test report.

Content

1.Sample Information	2
2.Test Results	2
3.IP67 Test	3
3.1 Laboratory Environment	3
3.2 Test Information	3
3.3 Test Equipment	3
3.4 Test Standard	3
3.5 Test Conditions	3
3.6 Test Photos	4
4.Drop Test	7
4.1 Laboratory Environment	7
4.2 Test Information	7
4.3 Test Equipment	7
4.4 Test Standard	7
4.5 Test Conditions	7
4.6 Test Photos	8

1. Sample Information

Sample Name	Mobile Computer
Sample Model	ME61
Sample No.	BJ-R231115105A-1#~2#
Sample Size	/
Weight Of Sample	/
Sample Quantity	2 PCS
Manufacturer	Meferi Technologies Co., Ltd.
Address	4501, 45th Floor, Building A, No. 530, Middle Tianfu Avenue, High-tech Zone, Chengdu, China
Sample Source	Commissioned units send sample
Inspection Type	Commissioning test
Sample Description	Sample appearance is good

2. Test Results

Test Items	Sample No.	Test Results
IP67 Test	1#	After test, there was no water and no dust enter the enclosure of the sample, and the function was normal.
Drop Test	2#	After test, the sample showed no obvious mechanical damage, and the function was normal.

3.IP67 Test

3.1 Laboratory Environment

Ambient temperature: $25\pm 3^{\circ}\text{C}$ Relative humidity: $55\pm 20\%\text{RH}$

3.2 Test Information

Sample No.	Received Date	Date Of Test(s)
BJ-R231115105A-1#	Nov. 15, 2023	Nov. 15, 2023~Nov. 16, 2023

3.3 Test Equipment

Test Equipment	Equipment Model	Equipment No.	Calibration Date
Diving test device	XM-IP	2017061511-04	Apr. 13, 2023
Dust test chamber	TL-SC-1000L	2023041504	Apr. 13, 2023

3.4 Test Standard

Test according to IEC 60529:1989+AMD1:1999+AMD2:2013 CSV
Consolidated version Degrees of protection provided by enclosures
(IP Code).

3.5 Test Conditions

3.5.1 IPX7 test

Water Depth: 1000 mm

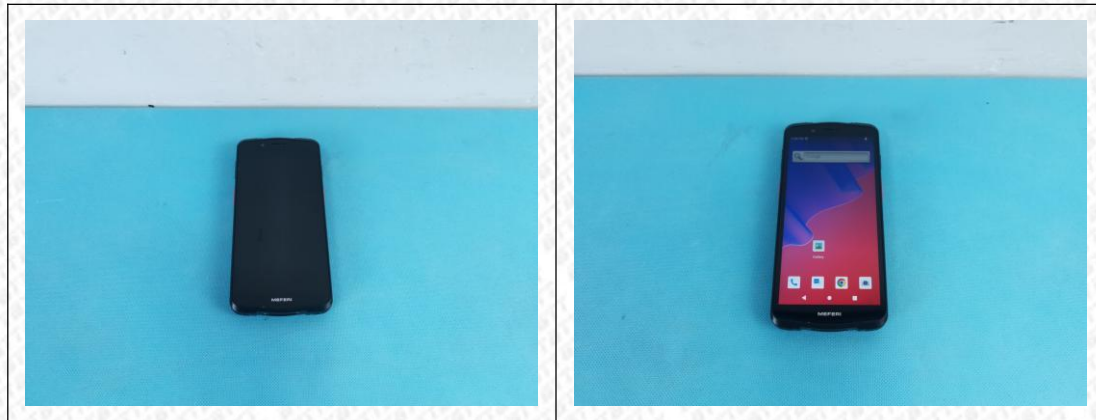
Test Duration: 30 min

3.5.2 IP6X test

The amount of talc powder in the test box is per cubic meter metric
test box volume 2 kg, talc powder filtered by metal square sieve,
wire diameter 50 μm , sieve hole size is 75 μm , test for 8 hours.

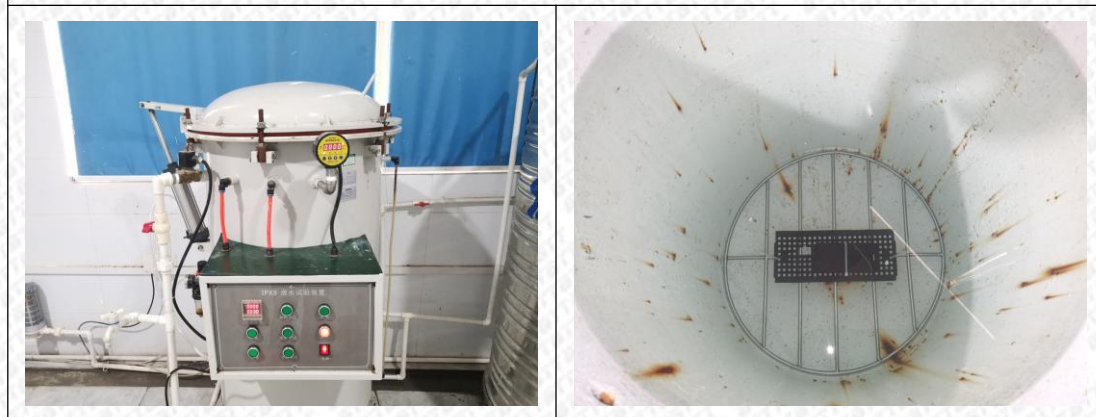
3.6 Test Photos

Before test



Test setup

IPX7



IP6X

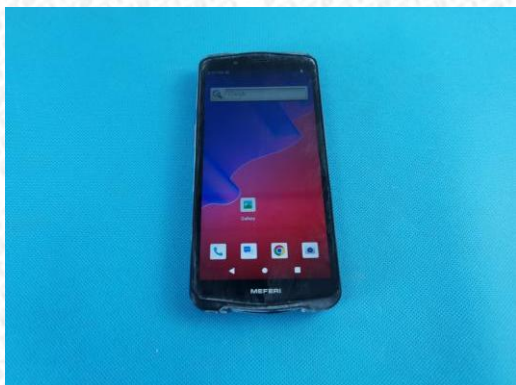


After test

IPX7



IP6X



Blank

4.Drop Test

4.1 Laboratory Environment

Ambient temperature: $25\pm 3^{\circ}\text{C}$ Relative humidity: $55\pm 20\%\text{RH}$

4.2 Test Information

Sample No.	Received Date	Date Of Test(s)
BJ-R231115105A-2#	Nov. 15, 2023	Nov. 16, 2023

4.3 Test Equipment

Test Equipment	Equipment Model	Equipment No.	Calibration Date
Directional drop tester	XM-960	2017061508	Apr. 13, 2023

4.4 Test Standard

Test according to IEC 60068-2-31-2008 Environmental testing - Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens.

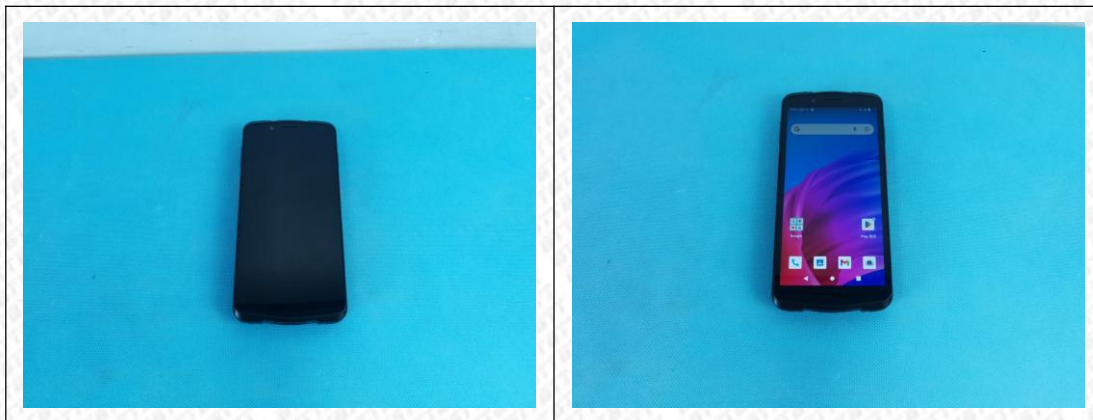
4.5 Test Conditions

Height: 1.5 m

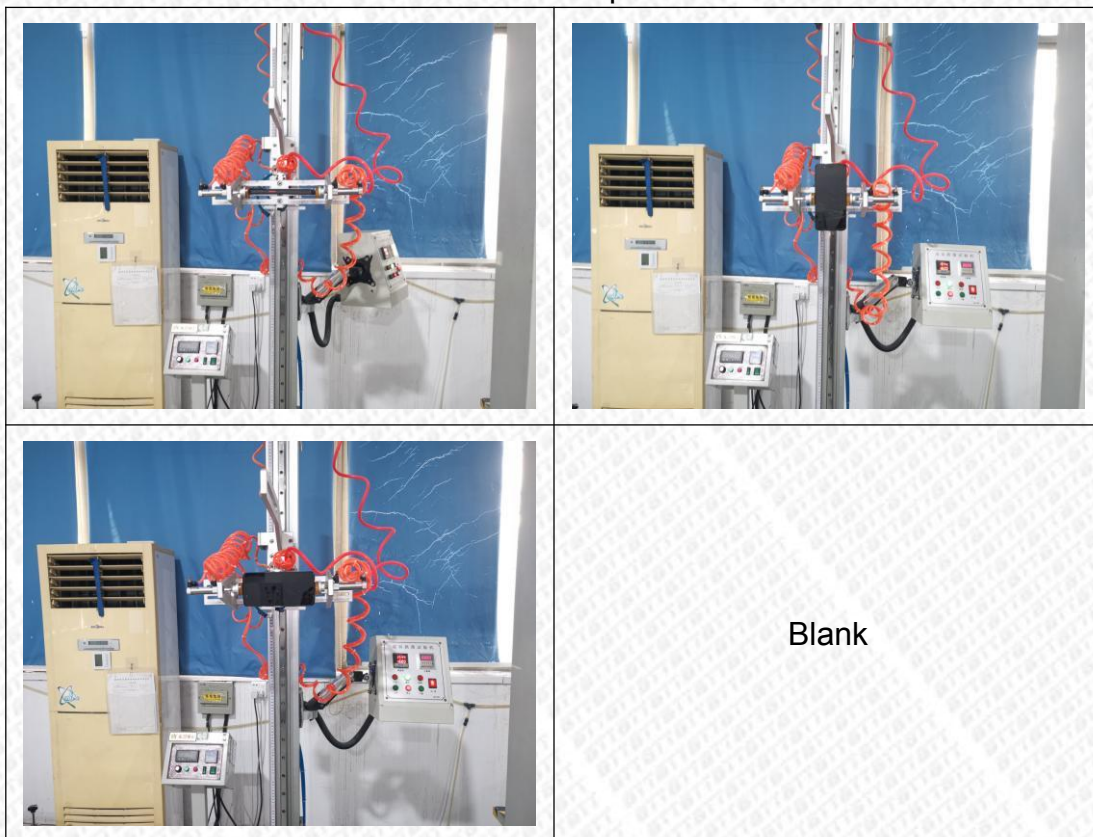
Drop surface: 6 faces, each faces dropped 2 times.

4.6 Test Photos

Before test

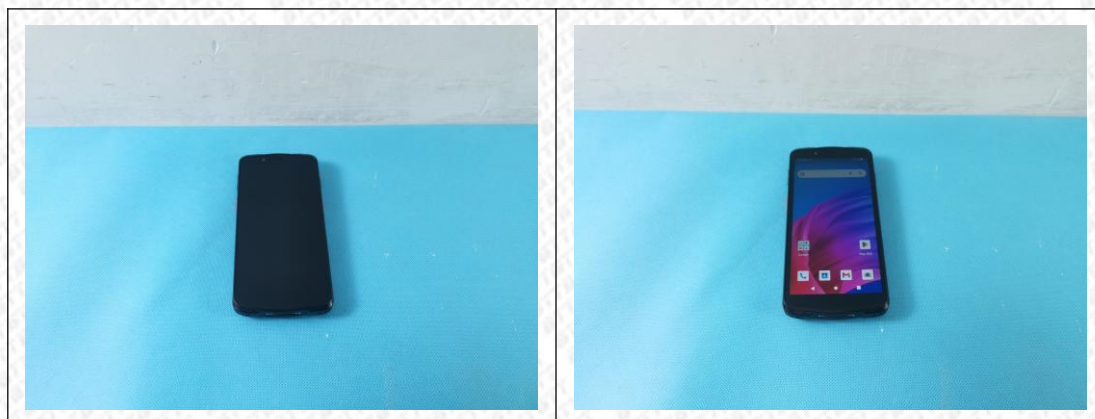


Test setup



Blank

After test



End of report