



中国认可
国际互认
检测
TESTING
CNAS L6078

Rep No. ET201903004

Test Report

Name of Sample:	MOBILE DATA TERMINAL
Model No.:	C72
Client:	SHENZHEN CHAINWAY INFORMATION TECHNOLOGY CO., LTD.
Manufacturer:	SHENZHEN CHAINWAY INFORMATION TECHNOLOGY CO., LTD.
Test Sort:	Commission Test
Test Item:	IP65



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Shenzhen EBO Technology Co., Ltd.			
Test Report			
Client	SHENZHEN CHAINWAY INFORMATION TECHNOLOGY CO., LTD.		
Address	9/F, Building 2, Daqian Industrial Park, Longchang Rd., District 67, Bao'an, Shenzhen		
Manufacturer	SHENZHEN CHAINWAY INFORMATION TECHNOLOGY CO., LTD.		
Name of sample	MOBILE DATA TERMINAL		
Brand Name	/	Model No.	C72
Sample size	/	Samples Weight	/
Application date	March 14, 2019	Test date	March 14, 2019 to March 19, 2019
Sample description: Sample Quantity: 2 Sample No.: ET20190314001-1/2 (For IP6X testing), ET20190314001-2/2 (For IPX5 testing) In good condition before test.			
Test item: IP65			
Test Standard: IEC 60529:2013			
Test Results: The 1.0mm test stick can not enter the gap of the sample (ET20190314001-1/2) After the IP6X test, No trace of dust inside sample (ET20190314001-1/2). After the IPX5 test, No ingress of water was found inside sample (ET20190314001-2/2). <div style="text-align: right;">  Date: March 19, 2019 </div>			
Tested by: 		Reviewed & Approved by:  (General Manager)	

Lab Environmental Conditions:

Ambient temperature: 15°C-35°C
Relative humidity: 35%RH-75%RH

Test Equipment:

Name	Type	Serial No.	Calibration useful-life
Dust tester	WH-SC800	E00134	August 29, 2019
Water spray test device	BE-LY-IP56	E00182	August 29, 2019
1.0mm Test stick	1.0 mm	E00186	November 30, 2019

Test Method/ Specification:**IP6X:**

- (1) Observe whether the test stick whose diameter is 1.0mm could enter the gap of the sample.
- (2) Place the sample into the Dust Proof Chamber, the test condition is as below:
Test dust: Talcum powder
Dust concentration: 2kg/m³ and be kept in suspension during the test
Maximum depression: 2kPa
Test duration: 8 hours
- (3) Examine the protection against ingress of dust of specimen after this test.

IPX5:

- (1) Place the sample into the test chamber, the test condition is as below:
Test means: Spraying the enclosure from all practicable directions with a stream of water from a standard test nozzle as specified in test standard.
Internal diameter of the nozzle: 6.3 mm
Delivery rate: 12.5 L/min ±5%
Distance from nozzle to enclosure surface: between 2.5 m and 3 m
Test duration: 6 minutes
- (2) Examine the protection against ingress water of specimen after this test.

Test Results:

Check Item Sample No.:	Visual check
ET20190314001-1/2	After the IP6X test, No trace of dust inside sample The 1.0mm test stick can not enter the gap of the sample
ET20190314001-2/2	After the IPX5 test, No ingress of water was found inside sample

Before test Photos

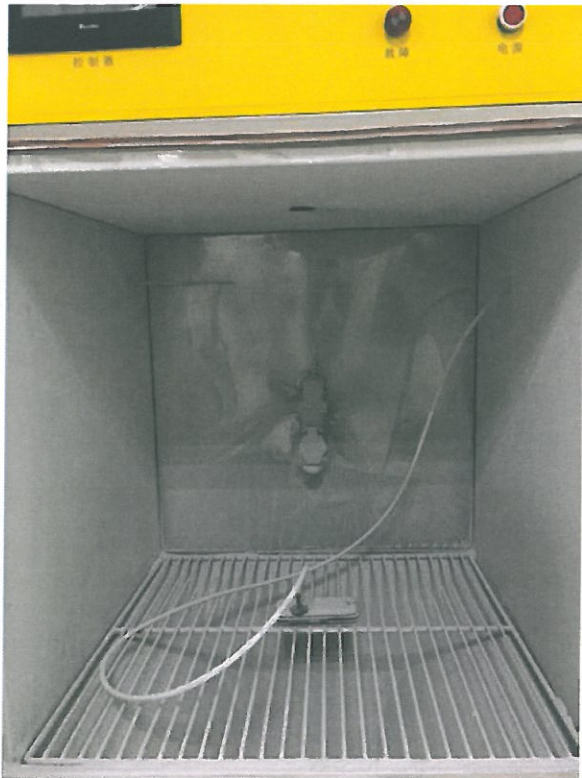


ET20190314001-1/2



ET20190314001-2/2

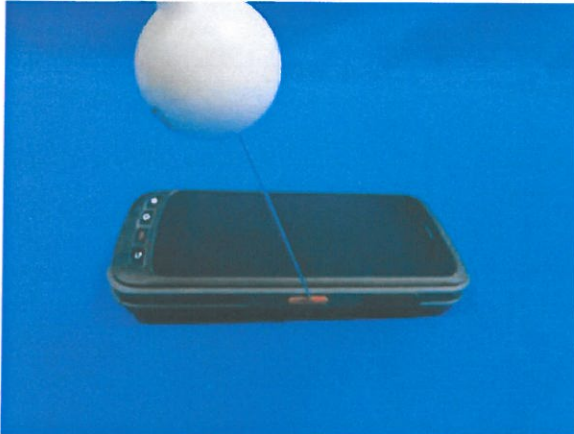
Test Photos



IP6X(ET20190314001-1/2)



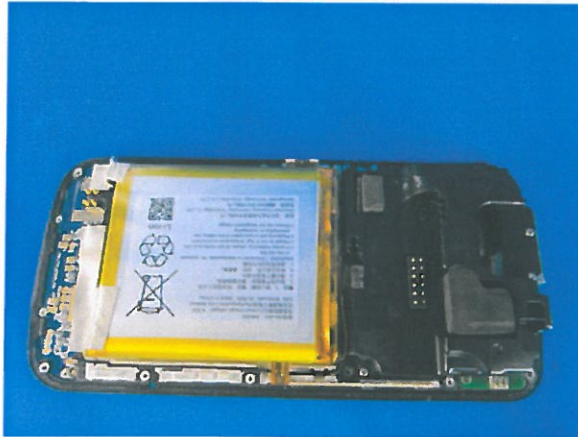
IPX5(ET20190314001-2/2)



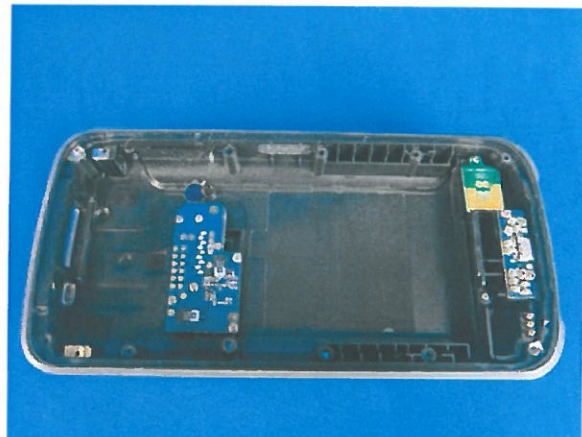
The 1.0mm test stick can not enter the gap of the sample

Blank

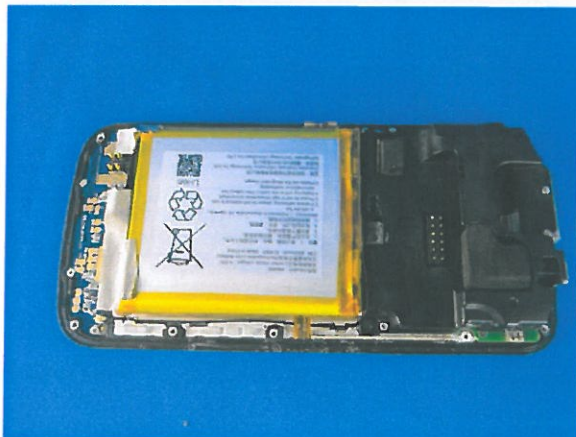
After test Photos



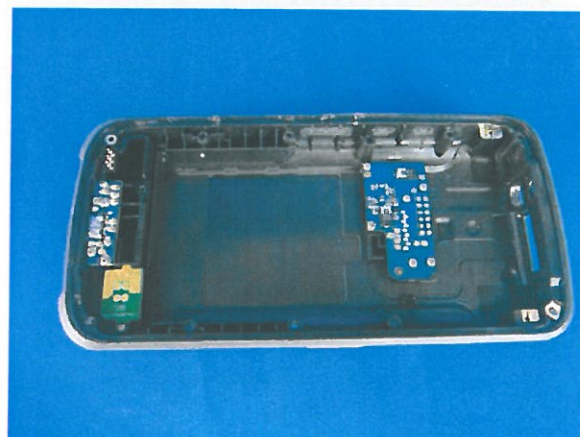
IP6X Visual check(ET20190314001-1/2)



IP6X Visual check(ET20190314001-1/2)



IPX5 Visual check(ET20190314001-2/2)



IPX5 Visual check(ET20190314001-2/2)

Statement

1. The report is just responsible for the tested sample.
2. The test report is invalid without stamp of laboratory.
3. The test report is invalid without signature of person(s) testing and authorizing.
4. The data/results in reports without a CMA stamp do not have a proven effect.
5. The test report is invalid if erased and corrected.
6. Test results of the report is valid to the test samples if sampling by client.
7. The test report shall not be reproduced except in full, without written approval of the laboratory.
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9. The contents of this report are for reference only, not as the basis for any legal regulation or as proof use, the final interpretation of this report is owned by EBOTEK.
10. If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.