

TEST REPORT

Client Name	Shenzhen Chainway Information Technology Co.,Ltd
Name of product	Mobile Data Terminal
Manufacturer	Shenzhen Chainway Information Technology Co.,Ltd
Model	CHAINWAY/C66
Test Sort	Commission Test



CCIC Southern Testing Co., Ltd.

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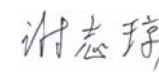

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CCIC Southern Testing Co., Ltd.

TEST REPORT

Name of product	Mobile Data Terminal	Trade mark	CHAINWAY
Manufacturer	Shenzhen Chainway Information Technology Co.,Ltd	Model	C66
Client	Shenzhen Chainway Information Technology Co.,Ltd	Sampling method	Sent by Client
Sampler	----	Amount of samples	----
Sampling place	----	Quantity of samples	1 Pc
Production date	----	Sampling date	-----
Test date	2019-5-27~2019-5-28	Environment condition	15-35℃, 45-75% RH
Sample description: One sample, in good condition before test. Number: 1#.			
Test item: IP6X Dust-proof test, IPX5Water-proof test.			
Reference documents: IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP Code).			
Summary: According to the requirement, sample has been performed, IP6X Dust-proof test, IPX5Water-proof test. The appearance and function of sample are both normal after test, refer to followed report for detail.			
Test conclusion: Pass. <div style="text-align: right;">(Stamp)</div>			
Tested by:		Inspected by:	
	2019 Y 6 M 5D		2019 Y 6 M 5D
Approved by:			2019 Y 6 M 5D



Test Result

Test items 1: IP6X Dust-proof test

Environmental conditions:

Temperature: 25 °C, Humidity: 66 %RH.

Reference documents:

IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP Code).

Test arrangement:

In strict accordance with the experimental requirements of the layout.

Sample state:

Sample in good condition before test.

Test conditions:**Test for protection against access to hazardous parts:**

The access probe of 1.0mm \varnothing shall not penetrate.

Test for protection against solid foreign objects:

The talcum powder used shall be able to pass through a square-meshed sieve the nominal wire diameter of which is 50 μ m and the nominal width of a gap between wires 75 μ m. The amount of talcum powder to be used is 2kg per cubic meter of the test chamber volume. It shall not have been used for more than 20 tests.

Test time: 8h

Test acceptance requirements:

--Meet the requirement of preventing approaching danger.

-- No ingress of dust.

Test conclusion:

Pass.

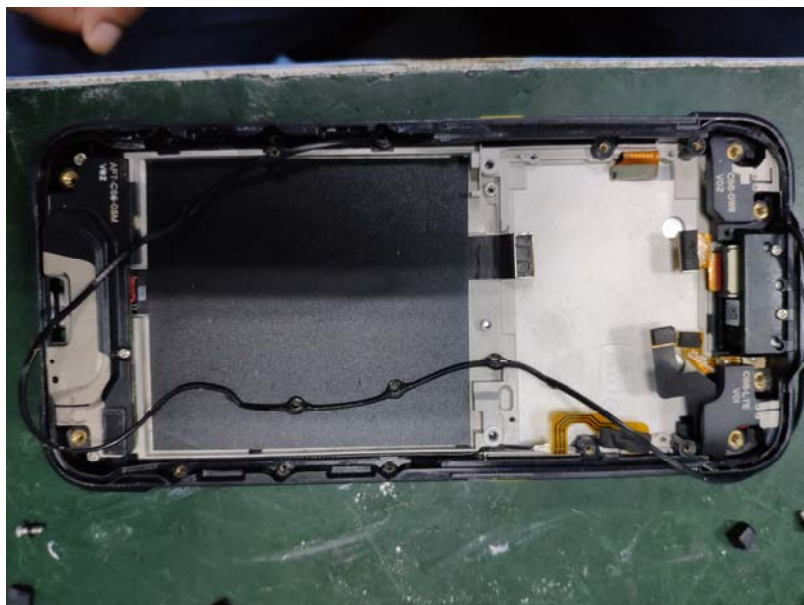
Test Result

Test items 1: IP6X Dust-proof test

Photo:



Post-test photograph:





Test Result

Test items 2: IPX5 Water-proof test

Environmental conditions:

Temperature: 25 °C, Humidity: 66 %RH.

Reference documents:

IEC 60529:1989+A1:1999+A2:2013Degrees of protection provided by enclosures (IP Code).

Test arrangement:

In strict accordance with the experimental requirements of the layout.

Sample state:

Sample in good condition before test.

Test conditions:

- a. Diameter of spout: 6.3mm;
- b. Flux: 12.5 ± 0.625 L/min;
- c. Hydraulic pressure: adjusted so as to have required flux.;
- d. Main stream: round stream with diameter of 120mm (away from the spout for 2.5m)
- e. Average test time: about 1min/m²;
- f. Total test time: 3min at least;
- g. Distance from the spout to the shell of EUT: 2.5~3m.

Test acceptance requirements:

After the water-proof test, no water founded in the EUT.

Test conclusion:

Pass.

Test Result

Test items 2: IPX5 Water-proof test

Photo:



Post-test photograph:





List of Measurement Equipments Used

No.	Description	Model No.	Serial No.	Cal. Due to
1	Waterproof Testing Instrument	KXT302	A1109744	2019.12.10
2	Sand and dust Tryout case	KXT1410	A1109245	2019.08.06
3	IP test suite	/	A150802193	2020.03.20

Notes: The above instrument is within the metering test cycle.



STATEMENT

1. **The test report is invalid without stamp of laboratory.**
2. **The test report is invalid without signature of person(s) testing and authorizing.**
3. **The test report is invalid if erased and corrected.**
4. **Test results of the report is valid to the test samples if sampling by client.**
5. **“☆” item to be outside the scope of authorized by CNAS.**
6. **“☆” item to be outside the scope of CMA, the test method、 data and results are available for reference.**
7. **The test report shall not be reproduced except in full, without written approval of the laboratory.**
8. **If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.**

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