

TEST REPORT

Report No. :BJ-R221012102A-EN

Test Item :IP69K Test

Client :Shenzhen Huafurui Technology Co., Ltd

Address :Unit 1401 &1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen,P.R. China

ShenZhen BestJ Testing Technologies Co., Ltd

Inspected Engineer: Lu Yuehui Date: Oct. 14, 2022

Reviewed Engineer: Luo Ningsheng Date: Oct. 14, 2022

Authorized Signatory: Zhang Jianbiao Date: Oct. 14, 2022



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1.SAMPLE INFORMATION

Sample Name	Smartphone
Sample Model	KINGKONG 6
Trademark	CUBOT
Sample No.	BJ-R221012102A-1#~2#
Sample Size	/
Weight Of Sample	/
Sample Quantity	2 PCS
Manufacturer	Shenzhen Huaforui Technology Co., Ltd
Address	Unit 1401 &1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen,P.R. China
Sample Source	Commissioned units send sample
Inspection Type	Commissioning test
Sample Description	Sample appearance is good

2.TEST INFORMATION

Test Items	Sample No.	Received Date	Date Of Test(s)
IP6KX Test	1#	Oct. 12,2022	Oct. 13,2022
IPX9K Test	2#	Oct. 12,2022	Oct. 13,2022

3.TEST RESULTS

Test Items	Test Results
IP6KX Test	After test, there was no dust enter the enclosure of sample and the function was normal.
IPX9K Test	After test, there was no water enter the enclosure of sample and the function was normal.

4.IP69K TEST**4.1 Reference Standard**

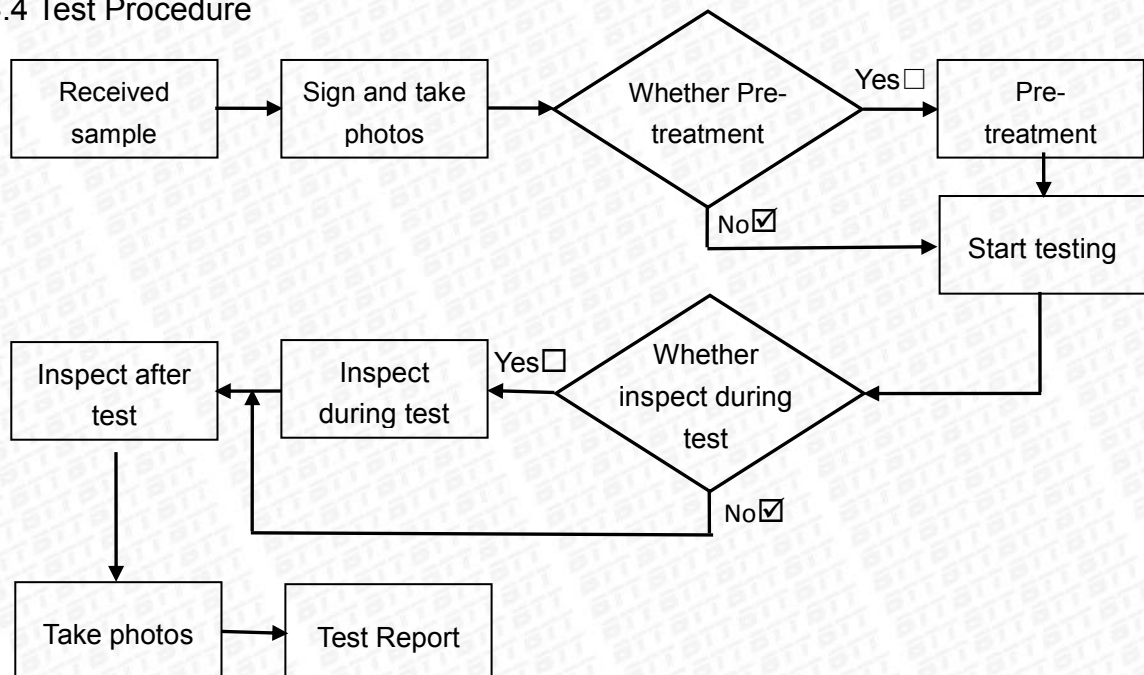
Test according to ISO 20653-2013 Road vehicles - Degrees of protection (IP code) - Protection of electrical equipment against foreign objects, water and access.

4.2 Laboratory Environment

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

4.3 Test Equipment

Test Equipment	Equipment Model	Equipment No.	Calibration Date
Dust proof test chamber	JY-SC-1000	2017061509	Apr. 19,2022
Hi-Temp&Hi-Pressure Water Injection Test Chamber	TL-IPX9K-1000	2018102201	Apr. 19,2022

4.4 Test Procedure

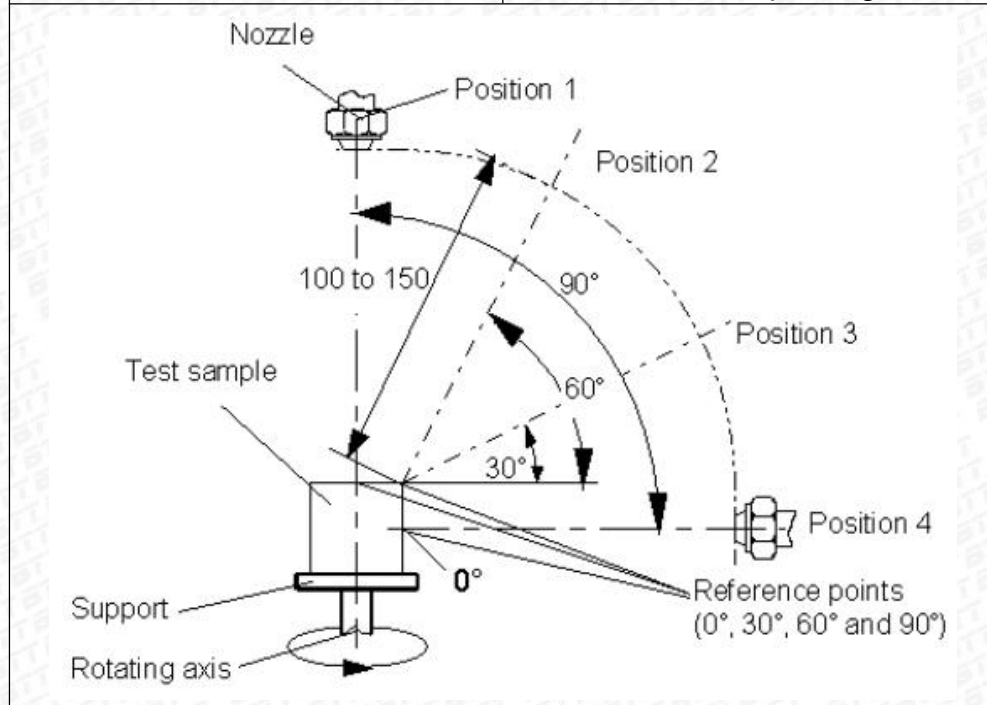
4.5 Test Conditions

4.5.1 IP6KX test

Dust type	Arizona dust
Dust amount	2kg/m ³
Test time	6s movement of the air-dust mixture, 15min break,20 cycles

4.5.2 IPX9K test

Water temperature	80±5℃
pressure	(8000~10000) kPa
Water flow	14~16L/min
distance	10~15cm
Angle and time	0° 、 30° 、 60° 、 90° 30 seconds per angle



4.6 Test Photos

Before test

1#



2#	
	
	Blank

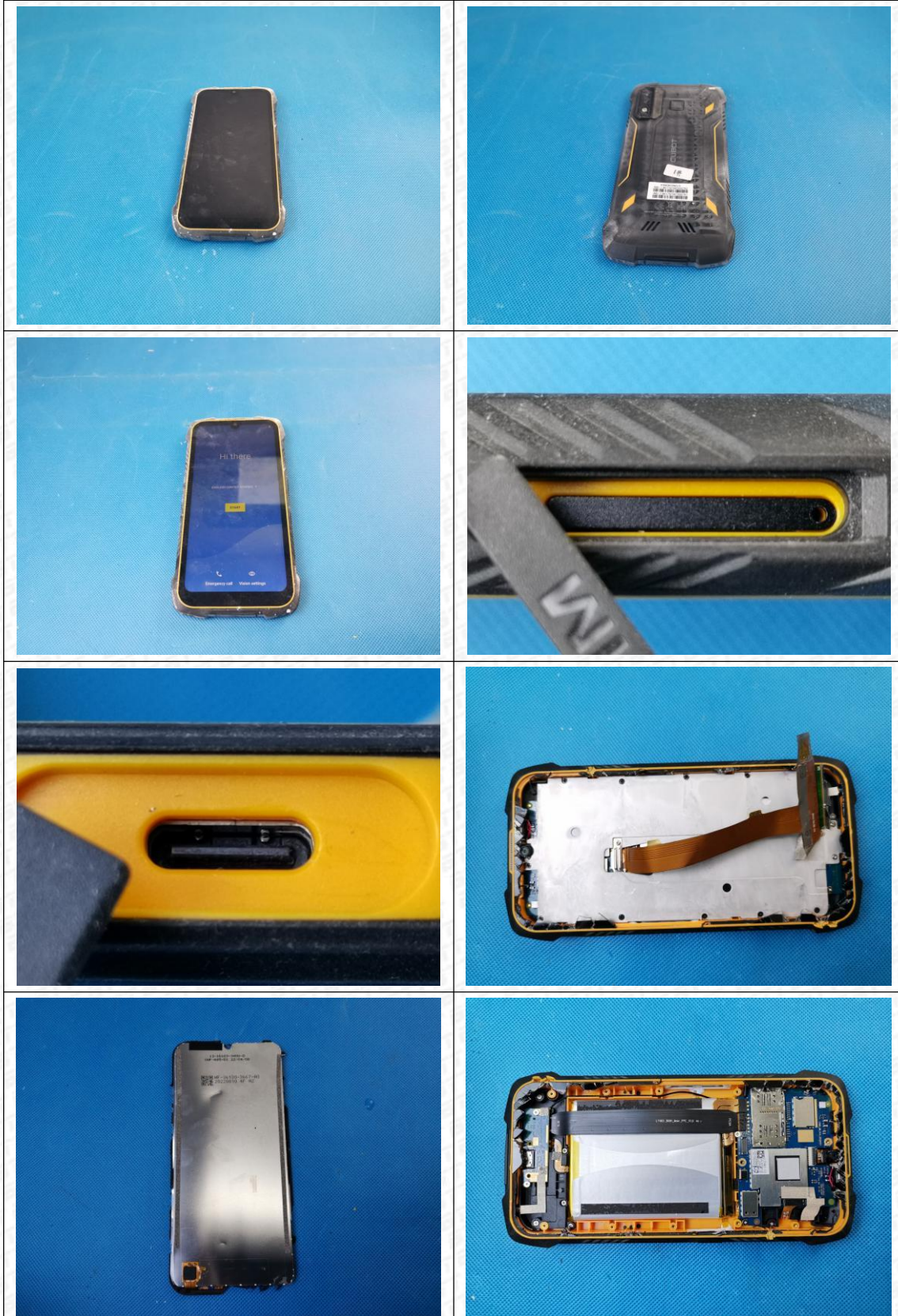
Test setup
IP6KX (1#)

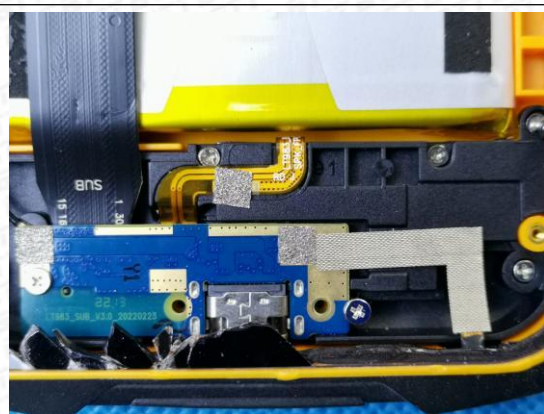
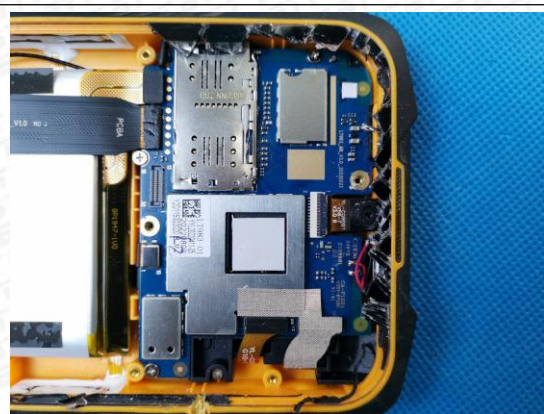


IPX9K (2#)

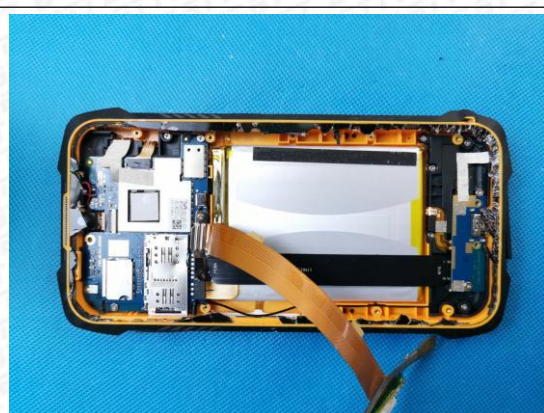
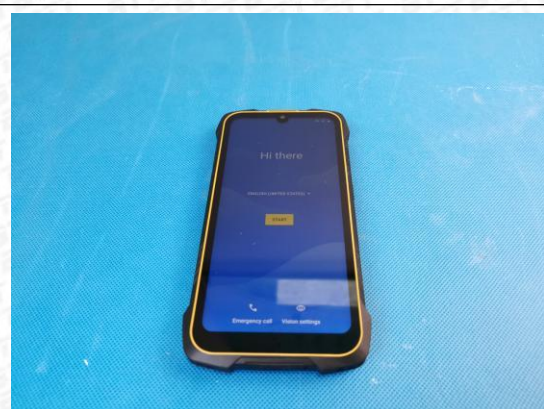
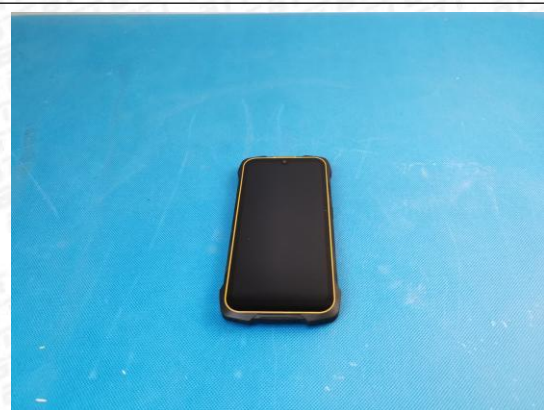


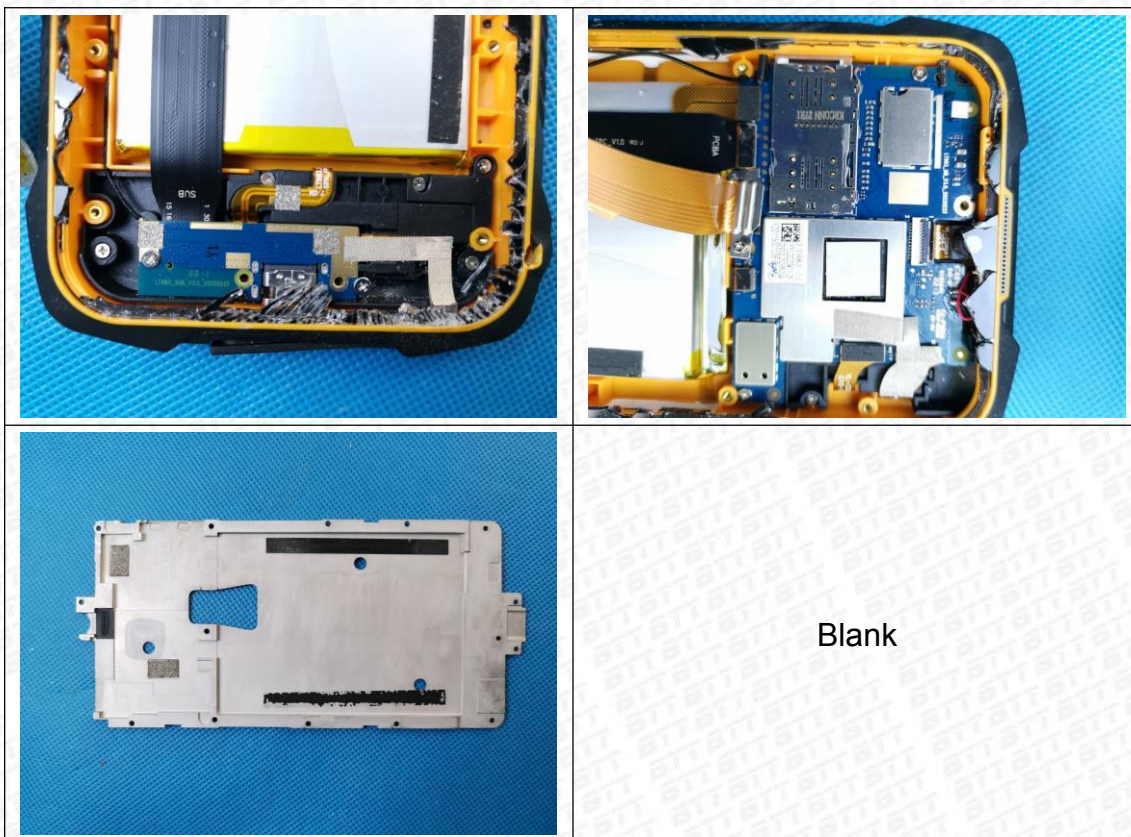
After test
IP6KX (1#)





IPX9K (2#)





报 告 说 明

1.检测地点:

Place for the testing:

深圳市宝安区航城街道南昌路华丰工业园 B 栋一楼。

1/F, Fengze Building B, The Second Industrial Park of Huafeng, Nanchang Road, Hangcheng Street, Baoan District, Shenzhen.

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All expired samples which exceed standard time limited will not be remained, unless clients have special declaration with payment.

10.除客户特别申明并支付档案管理费，本次检测的所有记录档案保存期为三年。

All of the testing record would be kept for three years unless the customer declares and pays administration fee in advance.

报告结束 End of report