




TEST REPORT

FCC ID. :	2AHZ5X70	
Test Report No..... :	TCT230423E061	
Date of issue..... :	May 29, 2023	
Testing laboratory	SHENZHEN TONGCE TESTING LAB	
Testing location/ address:	2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China	
Applicant's name..... :	Shenzhen Huafurui Technology Co., Ltd	
Address..... :	Unit 1401 14/F, Jin qi zhi gu mansion Liu xian, street, Xili, Nan shan district, Shenzhen, China	
Manufacturer's name ... :	Shenzhen Huafurui Technology Co., Ltd	
Address..... :	Unit 1401 14/F, Jin qi zhi gu mansion Liu xian, street, Xili, Nan shan district, Shenzhen, China	
Standard(s)	KDB 447498 D01 General RF Exposure Guidance v06	
Product Name..... :	Smartphone	
Trade Mark	CUBOT	
Model/Type reference..... :	X70	
Rating(s)..... :	Adapter Information: Model: HJ-FC018K7-US Input: AC 100-240V, 50/60Hz, 0.6A Output: DC 5.0V, 2.0A or DC 7.0V, 2.0A or DC 9.0V, 2.0A, 18.0W Rechargeable Li-ion Battery DC 3.87V	
Date of receipt of test item	Apr. 23, 2023	
Date (s) of performance of test..... :	Apr. 23, 2023 - May 29, 2023	
Tested by (+signature) ... :	Rleo LIU	
Check by (+signature).... :	Beryl ZHAO	
Approved by (+signature):	Tomsin	

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1. General Product Information

1.1. EUT description

Product Name.....:	Smartphone
Model/Type reference.....:	X70
Sample Number.....:	TCT230423E022-0101
Operation Frequency	For NFC: 13.56MHz
Antenna Type.....:	FPC Antenna
Antenna Gain.....:	For NFC: 0dBi
Rating(s).....:	Adapter Information: Model: HJ-FC018K7-US Input: AC 100-240V, 50/60Hz, 0.6A Output: DC 5.0V, 2.0A or DC 7.0V, 2.0A or DC 9.0V, 2.0A, 18.0W Rechargeable Li-ion Battery DC 3.87V

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

1.2. Model(s) list

None.

2. General Information

2.1. Test environment and mode

Item	Normal condition
Temperature	+25°C
Voltage	DC 3.87V
Humidity	56%
Atmospheric Pressure:	1008 mbar
Test Mode:	
Transmitting mode:	Keep the EUT in continuous transmitting by select channel

2.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
/	/	/	/	/

Note:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
3. For conducted measurements (Output Power, 20dB Occupied Bandwidth, Carrier Frequencies Separation, Hopping Channel Number, Dwell Time, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.

3. Facilities and Accreditations

3.1. Facilities

The test facility is recognized, certified, or accredited by the following organizations:

- FCC - Registration No.: 645098

SHENZHEN TONGCE TESTING LAB

Designation Number: CN1205

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC - Registration No.: 10668A-1

SHENZHEN TONGCE TESTING LAB

CAB identifier: CN0031

The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

3.2. Location

SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339

4. Test Results and Measurement Data

According to KDB 447498 D01 General RF Exposure Guidance v06, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the commission's guidance.

For frequencies below 100 MHz, the following may be considered for SAR test exclusion (also illustrated in Appendix C):

- 1) For test separation distances > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by $[1 + \log(100/f(\text{MHz}))]$
- 2) For test separation distances ≤ 50 mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$

The result is rounded to one decimal place for comparison

• NFC:

The maximum peak radiation emission for the EUT is 58.23dBuV/m at 3 m with frequency 13.56MHz, $\text{EIRP}[\text{dBm}] = \text{E}[\text{dB}\mu\text{V/m}] + 20\log(d[\text{m}]) - 104.77 = -37\text{dBm}$.

Frequency (MHz)	Max Power (dBm)	Max Power (mW)	exclusion thresholds (mW)
13.56	-37	0.0002	442

Result:

Base on the calculation value, No SAR measurement is required.

*******END OF REPORT*******