

TEST REPORT

Report No.: BCTC2504944206-1E

Applicant: Shenzhen Huafurui Technology Co., Ltd.

Product Name: Smartphone

Test Model: KINGKONG ES 3

Tested Date: 2025-04-09 to 2025-05-26

Issued Date: 2025-05-30

Shenzhen BCTC Testing Co., Ltd.



Product Name: Smartphone

Trademark: CUBOT

Model/Type reference: KINGKONG ES 3

Prepared For: Shenzhen Huafurui Technology Co., Ltd.

Address: Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China

Manufacturer: Shenzhen Huafurui Technology Co., Ltd.

Address: Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China

Prepared By: Shenzhen BCTC Testing Co., Ltd.

Address: 1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Sample Received Date: 2025-04-09

Sample tested Date: 2025-04-07 to 2025-05-21

Issue Date: 2025-05-30

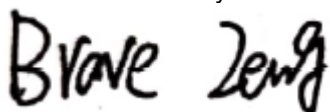
Report No.: BCTC2504944206-1E

Test Standards: EN 62479:2010
EN 50663:2017

Test Results: PASS

Remark: This is RED Health test report.

Tested by:



Brave Zeng/ Project Handler

Approved by:



Zero Zhou/Reviewer

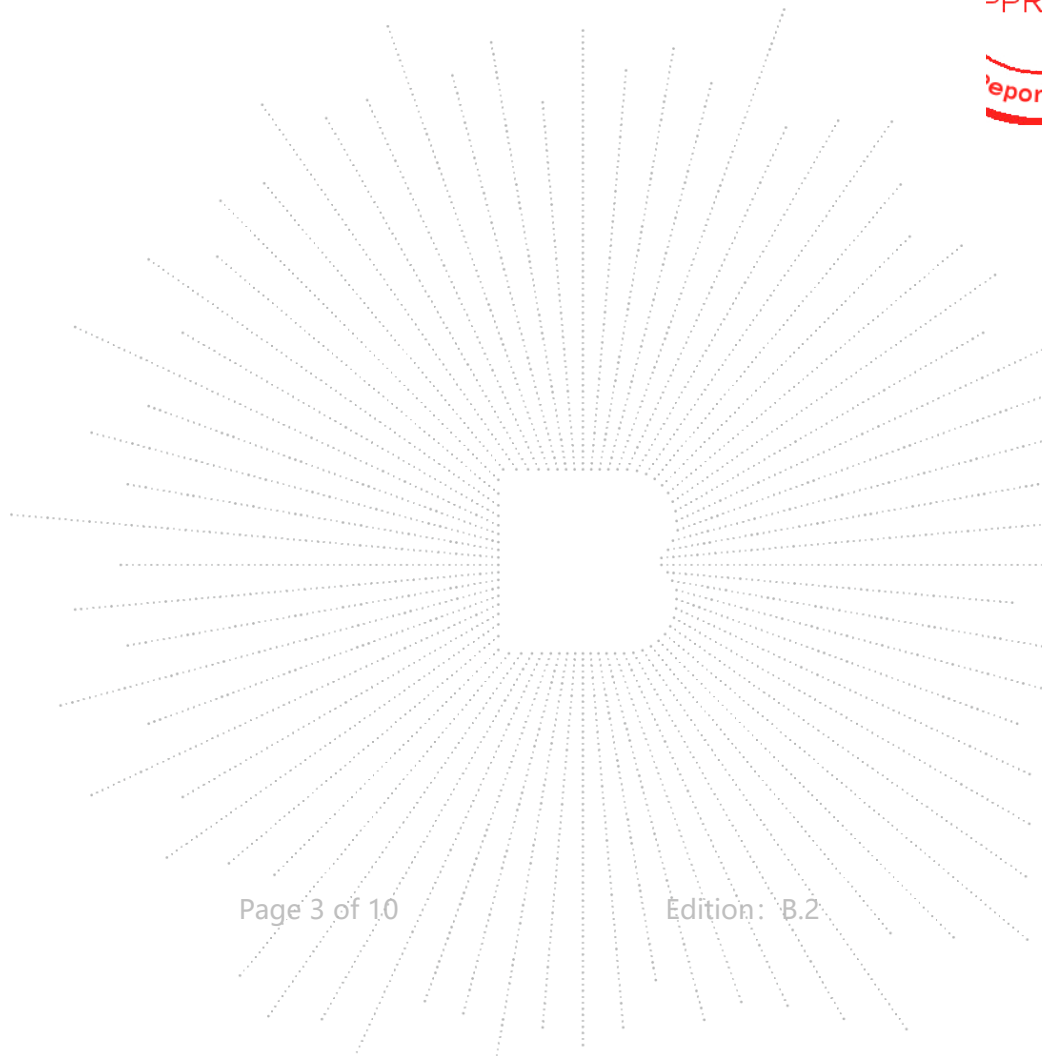
The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen BCTC Testing Co., Ltd, this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client.

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(Note: N/A Means Not Applicable)

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Report



1. Version

Report No.	Issue Date	Description	Approved
BCTC2504944206-1E	2025-05-30	Original	Valid

2. Product Information And Test Setup

2.1 Product Information

Model/Type reference:	KINGKONG ES 3
Model differences:	N/A
Bluetooth Version:	5.2
GSM Band(s):	GSM/GPRS/EGPRS 900/1800MHz
GPRS Class:	12
WCDMA Band(s):	FDD Band I/VIII
LTE Band(s):	FDD Band 1, Band 3, Band 7, Band 8, Band 20, Band 28, Band 38, Band 40
GPS:	Support
Technologies:	Tagging systems
Hardware Version:	S17F-MB-V2.0
Software Version:	CUBOT_KINGKONG_ES_3_F071C_V01

	Bluetooth(BDR+EDR+BLE):	2402-2480MHz
	WIFI(2.4GHz):	IEEE 802.11b/g/n HT20: 2412-2472MHz IEEE 802.11n HT40: 2422-2462MHz
	WIFI(5.1GHz):	IEEE 802.11a/n HT20/ac HT20: 5180MHz-5240MHz IEEE 802.11n HT40/ac HT40: 5190 MHz-5230MHz IEEE 802.11ac HT80: 5210MHz
	WIFI(5.8GHz):	IEEE 802.11a/n HT20/ac HT20:5745MHz-5825MHz IEEE 802.11n HT40/ac HT40:5755 MHz-5795MHz IEEE 802.11ac HT80:5775MHz
	GSM/GPRS/EGPRS 900:	Tx: 880-915MHz, Rx: 925-960MHz
	GSM/GPRS/EGPRS 1800:	Tx: 1710-1785MHz, Rx: 1805-1880MHz
	WCDMA Band I:	Tx: 1920-1980MHz, Rx: 2110-2170MHz
	WCDMA Band VIII:	Tx: 880-915MHz, Rx: 925-960MHz
Operation Frequency:	LTE Band 1:	(UL)1920MHz~1980MHz (DL)2110MHz~2170MHz
	LTE Band 3:	(UL)1710MHz~1785MHz (UL)1805MHz~1880MHz
	LTE Band 7:	(UL)2500MHz~2570MHz (DL)2620MHz~2690MHz
	LTE Band 8:	(UL)880MHz~915MHz (DL)925MHz~960MHz
	LTE Band 20:	(UL)832MHz~862MHz (DL)791MHz~821MHz
	LTE Band 28:	(UL)703MHz~748MHz, (DL)758MHz~803MHz
	LTE Band 38:	(UL)2570MHz-2620MHz (DL)2570MHz-2620MHz
	LTE Band 40:	(UL)2300MHz-2400MHz (DL)2300MHz-2400MHz

	GPS:	1.57542GHz
	NFC:	13.56MHz
	Bluetooth(BDR+EDR):	-0.96 dBm
	Bluetooth(BLE):	0.42 dBm
	WIFI(2.4GHz) :	14.74 dBm
	WIFI(5.1GHz):	12.65 dBm
	WIFI(5.8GHz):	12.31 dBm
	GSM/GPRS/EGPRS 900:	32.94 dBm
	GSM/GPRS/EGPRS 1800:	32.86 dBm
Max. RF output power:	WCDMA Band I:	22.22 dBm
	WCDMA Band VIII:	22.81 dBm
	LTE Band 1:	22.70 dBm
	LTE Band 3:	23.54 dBm
	LTE Band 7:	23.56 dBm
	LTE Band 8:	23.46 dBm
	LTE Band 20:	23.63 dBm
	LTE Band 28:	23.59 dBm
	LTE Band 38:	23.29 dBm
	LTE Band 40:	23.6 dBm
	Bluetooth(BDR+EDR):	GFSK, π /4DQPSK, 8DPSK
	Bluetooth(BLE):	GFSK
	WIFI(2.4GHz+5.1GHz+5.8GHz):	DSSS, OFDM
	GSM/GPRS/EGPRS:	GMSK
Type of Modulation:	WCDMA:	QPSK, 16QAM, 64QAM, BPSK
	LTE:	QPSK, 16-QAM
Antenna installation:	Internal antenna	
	Bluetooth(BDR+EDR+BLE)	0.88 dBi
	WIFI(2.4GHz):	0.88 dBi
	WIFI(5.1GHz):	-0.57 dBi
	WIFI(5.8GHz):	-0.57 dBi
	GSM/GPRS/EGPRS 900:	-0.68 dBi
	GSM/GPRS/EGPRS 1800:	-0.04 dBi
	WCDMA Band I:	0.23 dBi
	WCDMA Band VIII:	-0.68 dBi
	LTE band 1:	0.23 dBi
	LTE Band 3:	-0.04 dBi
	LTE Band 7:	0.88 dBi
	LTE Band 8:	-0.68 dBi
	LTE Band 20:	-1.13 dBi
Antenna Gain:	LTE Band 28:	-0.76 dBi
	LTE Band 38:	0.88 dBi

LTE Band 40: 1.75 dBi

GPS 4.85 dBi

NFC: 0 dBi

Remark:

☒ The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information.☐ The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.

Ratings:

DC 9V from adapter/DC 3.87V from battery

Model: TD-203G200170VF01

Input: 100-240V~50/60Hz 0.6A

Adapter 1 Information:

Output: DC 5V 3A DC 9V 3A DC 12V 2.5A DC 15V 2A DC 20V 1.5A

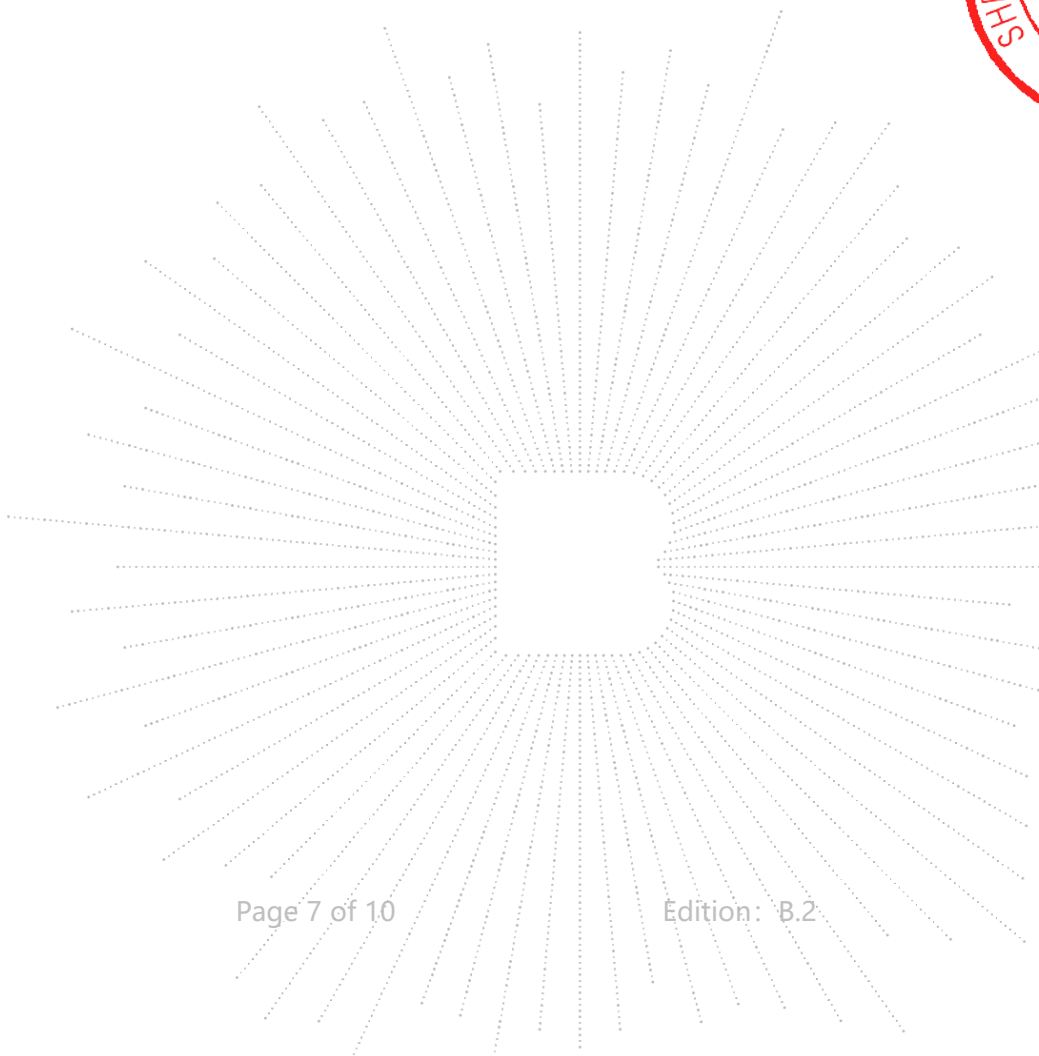
PPS: 3.3V-16V/2A 3.3V-11V/3A

Total output power: 33W Max

Model: HJ-PD33W-EU

Input: 100-240V~50/60Hz 0.8A

Adapter 2 Information:

Output: DC 5.0V 3.0A 15.0W OR DC 9.0V 3.0A 27.0W
OR DC 12.0V 2.75A 33.0W MAX.

3. Health Requirements

3.1 Limits

According to Council Recommendation: the criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation.

Reference levels for electric, magnetic and electromagnetic fields (10MHz to 300GHz)

Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level P_{max}.

Annex A contains example values for P_{max} derived from existing exposure limits listed in the bibliography, such as the ICNIRP guidelines [1], IEEE Std C95.1-1999 [2], and IEEE Std C95.1-2005 [3].

For wireless devices operated close to a person's body with available antenna powers and/or average total radiated powers higher than the P_{max} values given in Annex A, the alternative P_{max} values (called P_{max'}), described in Annex B can also be used.

For low power equipment using pulsed signals, other limits may apply in addition to those considered in Annex A and Annex B. Both ICNIRP guidelines [1] and IEEE standards [2], [3] have specific restrictions on exposures to pulsed fields, and the requirements of those standards with respect to exposure to pulses shall be met. Annex C discusses this topic further.

Exposure tier	Region of body	Exclusion level P _{max}
General public	Head and trunk	20mW(13dBm)
General public	Limbs	40mW(16dBm)

3.2 Exposure Evaluation

Mode	The worst e.i.r.p. (dBm)	P _{max} (dBm)	Result
BDR+EDR	-0.96	13	PASS
BLE	0.42	13	PASS

Remark:

1, refer to RF test report for e.i.r.p.

2, After performed the test at low/middle/high channel, the record is the worst.

4. EUT Photographs

EUT Photo 1



NOTE: Appendix-Photographs Of EUT Constructional Details

TEST
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STATEMENT

1. The equipment lists are traceable to the national reference standards.
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without the "special seal for inspection and testing".
4. The test report is invalid without the signature of the approver.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC17025.
8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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***** END *****

