

TEST REPORT

Report No.: BCTC2504953937S

Applicant: Shenzhen Huafurui Technology Co., Ltd.

Product Name: Smartphone

Test Model: KINGKONG ES 3

Tested Date: 2025-04-10 to 2025-04-13

Issued Date: 2025-05-28

Shenzhen BCTC Testing Co., Ltd.



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1. GENERAL INFORMATION

1.1 Testing laboratory

Name 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

1.2 Applicant information

Name 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

1.3 Manufacturer information

Name 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

1.4 Factory information

Name 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

1.5 Testing

Date of receipt of test item 2025-04-10
Date(s) of performance of test 2025-04-10 to 2025-04-13

1.6 Summary of testing

The limits refer to Cl.10.6 Safeguards against acoustic energy sources of EN 62368-1:2014+A11:2017, BS EN 62368-1:2014+A11:2017, EN IEC 62368-1:2020+A11:2020, BS EN IEC 62368-1:2020+A11:2020, IEC 62368-1:2014 or IEC 62368-1:2018.

The test items passed.

Tested by

Goff Tung

Goff Tung

Reviewed by

Winnie Wang

Winnie Wang

Approved By

Sam Wang

Sam Wang

2. Equipment Under Test (EUT) and Ancillary Equipment (AE)

2.1 About EUT

Product Designation	Smartphone
Brand Name	CUBOT
Test model	KINGKONG ES 3
Series model	/

2.2 Internal identification of EUT

IMEI or SN	N/A
HW Version	N/A
SW Version	N/A

2.3 Internal Identification of AE

Product Designation	N/A
Model Name	N/A

3. Reference Documents

The following documents listed in this section are referred for testing.

Reference	Title	Version
EN 50332-2	Sound system equipment: Headphones and earphones associated with personal music players – Maximum sound pressure level measurement methodology Part 2: Matching of sets with headphones if either or both are offered separately, or are offered as one package equipment but with standardized connectors between the two allowing to combine components of different manufacturers or different design	2013



4. Test Equipments Utilized

No.	Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Due.
1	Audio Analyzer	A5	A500269	Shenzhen Abtec Electronics Co., LTd	2024.07.24	2025.07.23
2	Microphone Amplifier & powersupply	PA01	PA100378	Shenzhen Abtec Electronics Co., LTd	2024.07.29	2025.07.28
3	Head and Torso Simulator	HATS200	HT0006	Shenzhen Abtec Electronics Co., LTd	2024.09.04	2025.09.03
4	Anechoic room	2.6MX2.0M X2.2M	/	Shenzhen Abtec Electronics Co., LTd	2024.07.09	2027.07.08

BCTC CO., LTD.

5. Detailed Test Results

5.1 Maximum sound pressure Measurement

5.1.1 Limits of Mains Terminal Disturbance Voltage

Results measured by the method described in this standard shall not deliver more than 100dB for maximum SPL.

5.1.2 DUT Operating Conditions

Devices under test (DUT) shall be powered by a stabilized power supply, at their nominal supply voltage, with a tolerance of $\pm 3\%$.

When testing devices, all measurements shall be taken at the following settings:

✓ noise reduction system: OFF

✓ volume control: maximum

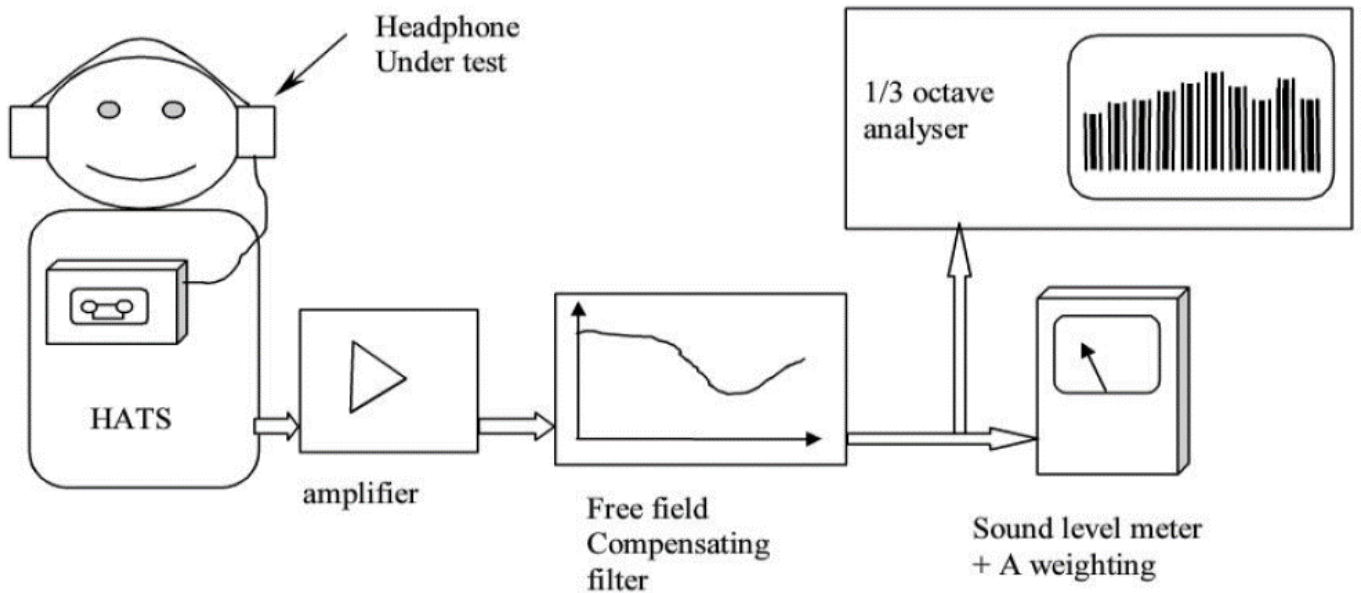
✓ tone control: adjusted in order to maximize the sound pressure level

The DUT is working at MP3 and FM mode during the test.

Under FM mode, test signal is set at an RMS value of -6dB related to the amplitude of a sinusoidal waveform at 250Hz, producing a peak to peak deviation of 75 kHz.

Under MP3 mode, test signal is programme simulation noise, as defined in IEC 60268-1, set at and RMS value of -10dB.

5.1.3 Test Method

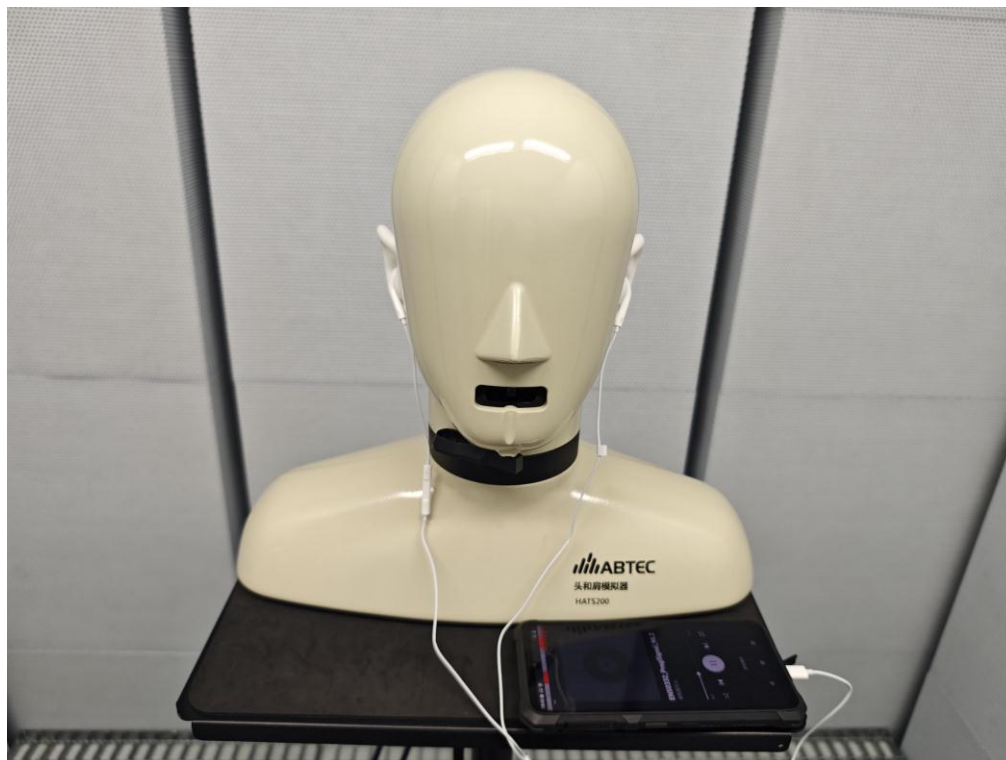


5.2 Maximum Volume condition

Maximum Sound pressure Measurement Test Result			
Device	Times	Left	Right
Earphone (dBA)	1	94.4	92.2
	2	94.4	92.2
	3	94.3	92.1
	4	94.4	92.2
	5	94.4	92.2
	AVG	94.4(≤ 100 dBA)	92.2(≤ 100 dBA)

Remark: The maximum acoustic output shall be ≤ 100 dBA.

Attachment A
Photos of Test Setup



Attachment B
Photos of Product

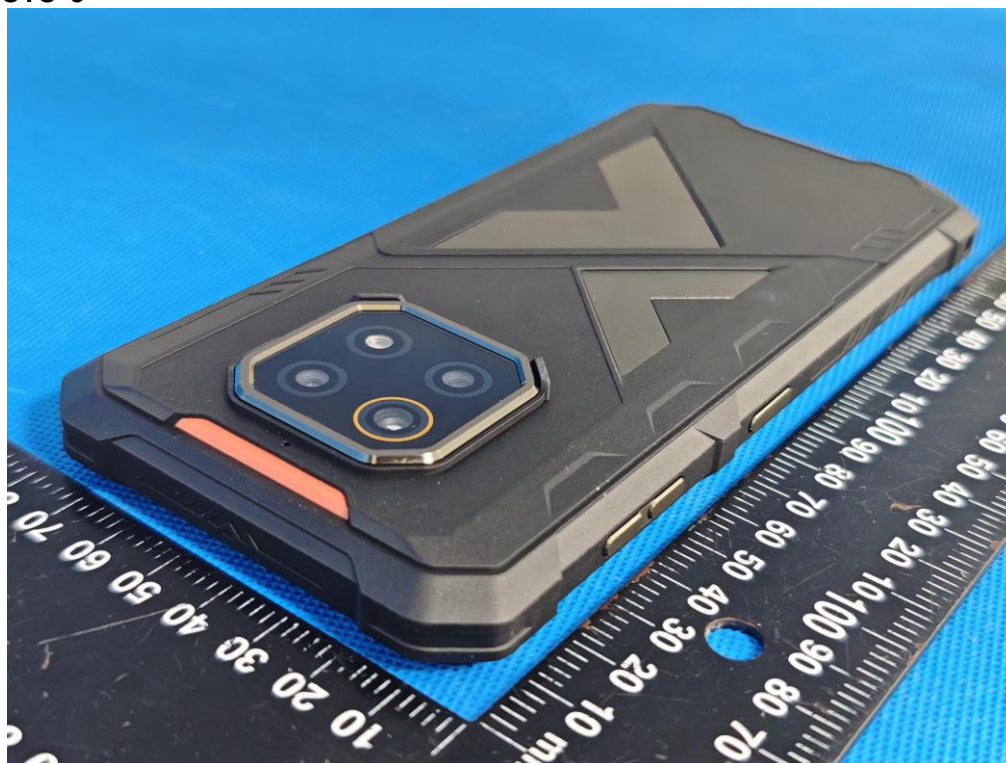
EUT PHOTO 1



EUT PHOTO 2



EUT PHOTO 3



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 *****