

	TEST REPOR	T					
FCC ID:	C ID. : 2AWG3-C06						
Test Report No::	TCT231116E023						
Date of issue::	Nov. 23, 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::	Shen Zhen Shi Mi Ya Xin Xi Ji S	hu You Xian Gong Si					
Address::	_	Room 2212 Building A, Huihai Square, Chuangye RD, Long Hua New District, Shenzhen, Guang Dong Province, China					
Manufacturer's name:	Mia Technologies Limited						
Address::	F6, Building 13 Futing Industrial Zone, Zhucun, Guanlan, Bao' an, Shenzhen, Guangdong, P.R China						
Standard(s)::	KDB 447498 D01 General RF Exposure Guidance v06						
Product Name::	Bluetooth Speaker						
Trade Mark:	MIA						
Model/Type reference:	C06, C06A, C06B, C06C						
Rating(s)::	Rechargeable Li-ion Battery DC	3.7V					
Date of receipt of test item:	Nov. 16, 2023						
Date (s) of performance of test:	Nov. 16, 2023 - Nov. 23, 2023						
Tested by (+signature):	Yannie ZHONG	Yannie Zangces					
Check by (+signature):	Beryl ZHAO	RoyCom (TCT)					
Approved by (+signature):	Tomsin	Tomsies &					

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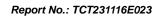




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1. General Product Information

1.1. EUT description

Product Name:	Bluetooth Speaker			
Model/Type reference:	C06			
Sample Number:	TCT231116E022-0101			
Operation Frequency:	2402MHz~2480MHz			
Modulation Type:	GFSK, π/4-DQPSK, 8DPSK			
Antenna Type:	PCB Antenna			(C)
Antenna Gain:	-0.58dBi			
Rating(s):	Rechargeable Li-ion Battery DC	3.7V	(3)	

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

No.	Model No.	Tested with
1	C06	
Other models	C06A, C06B, C06C	

Note: C06 is tested model, other models are derivative models. The models are identical in circuit and PCB layout, only different on the model names. So the test data of C06 can represent the remaining models.





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2. General Information

2.1. Test environment and mode

Item	Normal condition					
Temperature	+25°C					
Voltage	DC 3.7V					
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	
/		1	1	1	

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.

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TESTING CENTRE TECHNOLOGY Report No.: TCT231116E023

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





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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.

The 1-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] $\cdot [\sqrt{f(GHz)}] \le 3.0$ for 1-g SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- When the minimum test separation distance is < 5 mm, a distance of 5 mm according is applied to determine SAR test exclusion.
- The result is rounded to one decimal place for comparison

BDR+EDR:

Channel	Frequency (GHz)	Max. Power (dBm)	Tune up Power (dBm)	Max. Tune up Power (dBm)	Max. Tune up Power (mW)	Test distance (mm)	Result	exclusion thresholds for 1-g SAR
CH 39	2.441	2.76	2±1	3	2	5	0.62	3.0

Result:

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

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

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