

TEST REPORT

Application No.: BTEK231109008AE
Applicant: Shenzhen Sincodynamic Technology Co.,Ltd
Address of Applicant: No.1 Changguang Industrial Park, No.40 Aoxin Road, Baoan Community, Y uanshan St., Henggang, Shenzhen, 518115 China
Manufacturer: Shenzhen Sincodynamic Technology Co.,Ltd
Address of Manufacturer: No.1 Changguang Industrial Park, No.40 Aoxin Road, Baoan Community, Y uanshan St., Henggang, Shenzhen, 518115 China
Factory: Shenzhen Sincodynamic Technology Co.,Ltd
Address of Factory: No.1 Changguang Industrial Park, No.40 Aoxin Road, Baoan Community, Y uanshan St., Henggang, Shenzhen, 518115 China
Equipment Under Test (EUT):
EUT Name: Wireless headphone
Model No.: 4SO050A--RSP20, B6-BT, B8-BT, 4SO050A--OL
Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
Trade Mark: N/A
Standard(s) : 47 CFR Part 2 Subpart J Section 2.1093
Date of Receipt: 2023-11-20
Date of Test: 2023-11-20 to 2023-12-06
Date of Issue: 2023-12-06

Test Result:	Pass*
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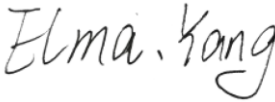

* In the configuration tested, the EUT complied with the standards specified above.



Damon Su
EMC Laboratory Manager



Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2023-12-06		Original

Authorized for issue by:			
			
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	Elma Yang/Project Engineer		
			
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	Carl Yang/Reviewer		



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General Information

3.1 Details of E.U.T.

Power supply:	DC 3.7V by battery(200mAh) and recharged by Type-C port.
Cable(s):	/
Frequency Range:	2402MHz to 2480MHz
Bluetooth Version:	V5.3
BT Classic	
Spectrum Spread Technology:	Frequency Hopping Spread Spectrum(FHSS)
Hopping Channel Type:	Adaptive Frequency Hopping systems
Modulation Type:	GFSK, $\pi/4$ DQPSK, 8DPSK
Number of Channels:	79
Sample Type:	Portable device
Antenna Type:	PCB Antenna
Antenna Gain:	-0.58 dBi
Hardware Version	JD-B8-AB5656B2-V1.1
Software and Firmware Version	V1.1
Sample No.:	BTEK231109008AE-01
Remark: The information in this section is provided by the applicant or manufacturer, BANTEK is not liable to the accuracy, suitability, reliability or/and integrity of the information.	

3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
/	/	/	/



3.3 Test Location

All tests were performed at:

Shenzhen BANTEK Testing Co., Ltd.,

A5&A6, Building B1&B2, No.45 Gangtuo Road, Bogang Community, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518103

Tel:0755-2334 4200

Fax: 0755-2334 4200

FCC Registration Number: 264293

Designation Number: CN1356

No tests were sub-contracted.

3.4 Deviation from Standards

None

3.5 Abnormalities from Standard Conditions

None



4 Test Requirement

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot \sqrt{f(\text{GHz})} \leq 3.0$

Where

-f(GHz) is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

4.1 Assessment Result

Passed Not Applicable

Type	Frequency (MHz)	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
BT Classic	2441	1.56	2	0.495	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

