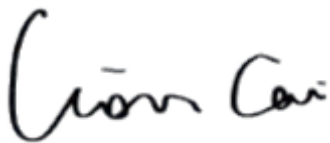


TEST REPORT

Application No.: BTEK250304010A01-T03
Applicant: Southern Telecom Inc.
Address of Applicant: 5601 1st Ave, 2nd Floor Brooklyn New York United States 11220
Manufacturer: Dongguan iglory Co., LTD
Address of Manufacturer: No. 65, Zhenwei 4th road, Dongkeng, DongGuan, GuangDong
Equipment Under Test (EUT):
EUT Name: ART+SOUND
Test Model.: ARTWS27
Adding Model(s): /
Trade Mark: /
FCC ID: 2ABV4-ARTWS27
Standard(s) : 47 CFR Part 2 Subpart J Section 2.1093
447498 D01 General RF Exposure Guidance v06
Date of Receipt Sample(s): 2025-03-17
Date of Test: 2025-03-18 to 2025-03-28
Date of Issue: 2025-03-29

Test Result:	Pass*
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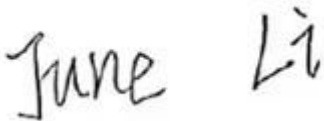
* In the configuration tested, the EUT complied with the standards specified above.



Lion Cai/ Approved & Authorized
EMC Laboratory Manager



Revision Record			
Version	Issue Date	Revisions	Remarks
V0	2025-03-29	Initial	Valid

Authorized for issue by			
			
		Karl Liu / File Editor	
			
		June Li/Reviewer	

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



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3 General Information

3.1 Details of E.U.T.

Power supply:	(Charging case) Type-C input: 5V=300mA Battery capacity: 3.7V=200mAh, 0.74Wh (Earphones) Battery capacity: 3.7V,33mAh, 0.122Wh
Frequency Range:	2402MHz to 2480MHz
Bluetooth Version:	V5.3 classic
Modulation Type:	GFSK, $\pi/4$ DQPSK,8DPSK
Number of Channels:	79
Channel Spacing:	1MHz
Antenna Type:	Chip Antenna
Antenna Gain:	2.7 dBi
Sample No.:	BTEK250304010A01E01-01
Model(s) Difference Statement	☒ Single Model.
	☐ Multi-Models:

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 Gangtou 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(b)

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

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	2402	6.39	6.5	1.38	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

