

TEST REPORT

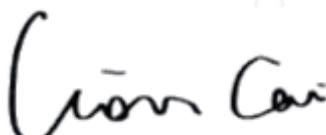
Application No.: BTEK240428001AE
Applicant: Twine Company Limited
Address of Applicant: FLAT/RM 1506 15/F WORKINGPORT COMMERCIAL BUILDING 3 HAU FOOK STREET TSIM SHA TSUI KLN HONG KONG
Manufacturer: Betrue Technology Company Ltd
Address of Manufacturer: D07, 5/F, King Yip Factory Building, 59 King Yip Street, Kwun Tong, Kowloon, Hong Kong

Equipment Under Test (EUT):

EUT Name: Sound Spot II
Test Model.: SFQ-18
Adding Model(s): /
Trade Mark: SOUNDFREAQ
FCC ID: 2A3UZ-SFQ18
Standard(s) : 47 CFR Part 2 Subpart J Section 2.1093
Date of Receipt: 2024-05-08
Date of Test: 2024-05-08 to 2024-06-03
Date of Issue: 2024-06-04

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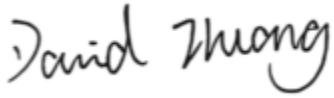
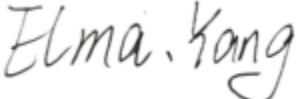
* In the configuration tested, the EUT complied with the standards specified above.



Lion Cai
EMC Laboratory Manager



Revision Record				
Version	Chapter	Date	Modifier	Remark
V0		2024-06-04		Original

Authorized for issue by				
		 David Zhuang		
		David Zhuang/Project Engineer		
		 Elma Yang		
		Elma Yang/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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General Information

3.1 Details of E.U.T.

Power supply:	Battery/Cell model: UTL18650 3.7V 4000mAh Adapter:GS-W20A0938C Input:100-240V-50/60Hz,0.6A Output:5V---3A;9V---2.2A or 12V ---1.67A
Frequency Range:	2402MHz to 2480MHz
Bluetooth Version:	V5.3
This test report is for classic mode.	
Spectrum Spread Technology:	Frequency Hopping Spread Spectrum(FHSS)
Hopping Channel Type:	Adaptive Frequency Hopping systems
Modulation Type:	GFSK, $\pi/4$ DQPSK
Number of Channels:	79
Antenna Type:	PCB Antenna
Antenna Gain:	-0.58 dBi
Hardware Version	BTS220_LED_V1.2
Software and Firmware Version	U59_OTS220_AC6965E4_V2
Sample No.:	BTEK240428001AE-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.	

Model No.: Sound Spot II, SFQ-18

Only the model Sound Spot II was tested. According to the declaration from the applicant, the electrical circuit design, layout, components used, internal wiring and functions of other models are identical for the above models, with only difference on Model No.

3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Adapter	Shenzhen good-she technology Co.,Ltd.	GS-W20A0938C	/



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

$f(\text{GHz})$ 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	-3.21	-3.0	0.15	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

