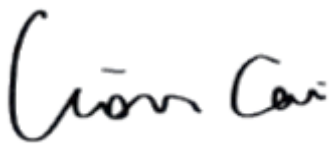


TEST REPORT

Application No.: BTEK250512035A01-T01
Applicant: Shenzhen Yicai Health Technology Co., Ltd
Address of Applicant: 11th floor, Zhenqian Building, Yousong Community, Longhua Street, Longhua District, Shenzhen, Guangdong, China
Manufacturer: Shenzhen Yicai Health Technology Co., Ltd
Address of Manufacturer: 11th floor, Zhenqian Building, Yousong Community, Longhua Street, Longhua District, Shenzhen, Guangdong, China
Equipment Under Test (EUT):
EUT Name: Portable Red Light Belt/Wrap
Test Model.: K4042
Adding Model(s): K4020
Trade Mark: Comfytemp
FCC ID: 2BGBM-PRLBW
Standard(s) : 47 CFR Part 2 Subpart J Section 2.1093
447498 D01 General RF Exposure Guidance v06
Date of Receipt Sample(s): 2025-05-26
Date of Test: 2025-05-26 to 2025-05-28
Date of Issue: 2025-05-29

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	2025-05-29	Initial	Valid

Authorized for issue by:			
			
		<hr/>	
		Karl Liu / File Editor	
			
		<hr/>	
		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:	5V=2A from recharge by USB-C port Battery: 3.7V=5000mAh 18.5wh
Frequency Range:	2402MHz to 2480MHz
Bluetooth Version:	V5.3 BLE
Modulation Type:	GFSK
Number of Channels:	40
Antenna Type:	PCB Antenna
Antenna Gain:	0dBi
Sample No.:	BTEK250512035A01-1-1/2
Model(s) Difference Statement	<input type="checkbox"/> Single Model.
	<input checked="" type="checkbox"/> Multi-Models:K4042,K4020 Only the model K4042 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.
/	/	/	/

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
BLE-2M	2440	-2.13	-2.0	0.2	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

