

RF Exposure Evaluation Report

FCC ID : 2AST4-M2518
Equipment : Jmate2
Brand Name : JACFIT
Model Name : JM102
Applicant : JSPORTS TECHNOLOGY CO., LTD
18F., No.502, Sec. 2, Ren'ai Rd., Linkou Dist.,
New Taipei City 244020, Taiwan (R.O.C.)
Manufacturer : Chen Wei Electronics inc.
No.12, Nanyuan Rd., Zhongli Dist., Taoyuan City
32063, Taiwan (R.O.C.)
Standard : 47 CFR FCC Part 2 Subpart J, section 2.1093

The product was received on Jul. 23, 2025, and testing was started from Jul. 29, 2025 and completed on Jul. 29, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in KDB 447498 D04 Interim General RF Exposure Guidance v01 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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Photographs of EUT V01

1. General Description

1.1. EUT General Information

RF General Information			
Evaluation Mode	Frequency Range (MHz)	Operating Frequency (MHz)	Modulation Type
Bluetooth	2400-2483.5	2402-2480	LE: DSSS (GFSK)

1.1.1. Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	ACX	AT1608-A2R4ZM31	PCB	N/A	3.67

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 1 could transmit/receive.

1.1.2. Accessories

Accessories				
Battery	Brand Name	Chen Wei Electronics inc.	Model Name	402020/130mAh
	Manufacturer	HELIX CO., LTD.	SN	-
	Power Rating	3.7Vdc, 130_mAh	Type	Li-ion, Yes
USB Cable	Brand Name	Lian Ji	Model Name	S959-02U
	Manufacturer	-	SN	-
	Signal Line	0.8 meter, non-shielded cable, w/o ferrite core		

Reminder: Regarding to more detail and other information, please refer to user manual.

1.2. Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory			
☒	Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)	
		TEL: 886-3-327-3456	FAX: 886-3-327-0973
Test site Designation No. TW3785 with FCC.			
☐	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)	
		TEL: 886-3-318-0787	FAX: 886-3-318-0287
Test site Designation No. TW0008 with FCC.			
Subcontractor : Sporton International Inc. Hsinchu Laboratory			
☐	Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)	
		TEL: 886-3-656-9065	FAX: 886-3-656-9085
Test site Designation No. TW3787 with FCC.			

2. RF Exposure Evaluation

2.1. Applicable Standard

In accordance with FCC 47 CFR part 2 (2.1093) this device has been defined as a portable device which is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user.

Portable devices must be evaluated using the specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2003.

2.2. SAR evaluation

- Per KDB 447498 D04 Interim General RF Exposure Guidance v01,

Option (B): §1.1307(b)(3)(i)(B): Device operates between 300 MHz and 6 GHz and the maximum time-averaged power or effective radiated power (ERP), whichever is greater, $\leq P_{th}$.

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases}$$

Where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right) \text{ and } f \text{ is in GHz;}$$

and

$$ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases}$$

d = the separation distance (cm);

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)
2.4G;BT-LE	3.67	-3.20	-1.68	0.50	0.762	0.5	B	2.788

- Per KDB 447498 D04 Interim General RF Exposure Guidance v01 exclusion thresholds is $0.762 < 2.788$, RF exposure evaluation is not required.

————THE END————