

RF MPE REPORT

Report No.: 20240117G01634X-W4

Product Name: DONGLE

Model No.: BH4010 DONGLE

FCC ID: 2A9QD-BH4010DONGLE

Applicant: Shenzhen Tengfei TechnologyManagement Ltd.

Address: Room 3101, Building D1,ChuangzhiYuncheng, Liuxian Avenue, Xili Community, XiliStreet, Nanshan District, Shenzhen

Dates of Testing: 01/23/2024 - 03/14/2024

Issued by: CCIC Southern Testing Co., Ltd.

Lab Location: Electronic Testing Building, No. 43 Shahe Road, Xili Street, Nanshan District, Shenzhen, Guangdong, China.

Tel: 86 755 26627338 **Fax:** 86 755 26627238

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Test Report

Product: DONGLE

Brand Name.....: DAO

Trade Name: DAO

Applicant.....: Shenzhen Tengfei TechnologyManagement Ltd.

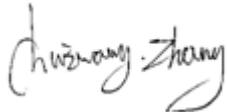
Applicant Address: Room 3101, Building D1,ChuangzhiYuncheng, Liuxian Avenue, Xili Community, XiliStreet, Nanshan District, Shenzhen

Manufacturer: Shenzhen Tengfei TechnologyManagement Ltd.

Manufacturer Address: Room 3101, Building D1,ChuangzhiYuncheng, Liuxian Avenue, Xili Community, XiliStreet, Nanshan District, Shenzhen

Test Standards: 47 CFR Part 2.1093

Test Result.....: Pass

Tested by:  2024.03.14

Chuiwang Zhang, Test Engineer

Reviewed by:  2024.03.14

Chris You, Senior Engineer

Approved by:  2024.03.14

Yang Fan, Manager

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Change History		
Issue	Date	Reason for change
1.0	2024.03.14	First edition

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	DONGLE
EUT supports Radios application	BT/BLE
Frequency Range(Tx)	2.402GHz ~ 2.480GHz
Bit Rate of Transmitter	BT: 1/2/3Mbps BLE: 1/2Mbps
Modulation Type	BT: GFSK, $\pi/4$ -DQPSK, 8DPSK BLE: GFSK
Antenna gain	1.90dBi
Antenna Type	Internal Antenna

Note 1: The information of antenna gain and cable loss is provided by the manufacturer and our lab is not responsible for the accuracy of the antenna gain and cable loss information.

1.2. EUT Description

EUT has been tested according to the following standards.

No.	Identity	Document Title
1	47 CFR Part 1	Practice and Procedure
2	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
3	KDB 447498 D01 General RF Exposure Guidance v06	RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices
4	OET Bulletin 65 Edition 97-01	Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields

1.3. Laboratory Facilities

FCC-Registration No.: 406086

CCIC Southern Testing Co., Ltd EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. Designation Number: CN1283, valid time is until Jun. 30th, 2025.

ISED Registration: 11185A

CCIC Southern Testing Co., Ltd. EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 11185A on Aug. 04, 2016, valid time is until Jun. 30th, 2025.

CAB number: CN0064

A2LA Code: 5721.01

CCIC-SET is a third party testing organization accredited by A2LA according to ISO/IEC 17025. The accreditation certificate number is 5721.01.

1.4. Laboratory Location

Company Name:	CCIC Southern Testing Co., Ltd.	
Address:	Electronic Testing Building, No. 43 Shahe Road, Xili Street, Nanshan District, Shenzhen, Guangdong, China	

2. Technical Requirements Specification in CFR Title 47 Part 2.1093

2.1. Evaluation method

According to 447498 D01 General RF Exposure Guidance v06 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances \leq 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

2.2. Evaluation Results

Mode	Frequency (GHz)	Maximum Output Power (dBm)	P(mW)	Distance(mm)	Results	Limit
BLE	2480	8.93	7.82	5.00	2.46	≤ 3.0
BT	2440	5.65	3.67	5.00	1.15	≤ 3.0

2.3. Conclusion

The device is exempt from the SAR test and satisfies RF exposure evaluation.

** END OF REPORT **