CE-Health

TEST REPORT

Client Name	:	Shenzhen Newbit Information Technology Co., ltd
Address	:	Room1612-Room 1616, Global Logistics Center Building, Longgang Dist, Shenzhen
Product Name	:	Bluetooth Transmission Module
Test Model No.	:	XY-MBO21F
Report No.	:	CCTI-2024032809-3E
Issued Date	:	Apr. 01, 2024
Prepared By	:	Shenzhen CCTI Technology Co., Ltd.
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TEST REPORT VERIFICATION

Applicant	:	Shenzhen Newbit Information Technology Co., ltd
Address	:	Room1612-Room 1616, Global Logistics Center Building, Longgang Dist, Shenzhen
Manufacturer	:	Shenzhen Newbit Information Technology Co., ltd
Address	:	Room1612-Room 1616, Global Logistics Center Building, Longgang Dist, Shenzhen
Product Name	:	Bluetooth Transmission Module
Model No.	:	XY-MBO21F
Series No.	:	XY-MBO26A
Trade Mark	:	N/A
Rating(s)	:	Input: DC 3.3V
Test Date	:	Mar. 25, 2024 to Apr. 01, 2024
Test Standard(s)	:	**EN 62479:2010** **EN 50663:2017**
Test Result	:	**PASS**

This device described above has been tested by CCTI, and the test results show that the equipment under test (EUT) is in compliance with the 2014/53/EU RED Directive Art.3.1(a) requirements. The results shown in this test report refer only to the sample(s) tested unless other wise stated and the sample(s) are retained for 30 days only.

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Producer By : Betty Liang (Betty Liang / Engineer) **Date** : Apr. 01, 2024

Authorized Signer : Corey Mao (Corey Mao / Manager) **Date** : Apr. 01, 2024

SHENZHEN CCTI TECHNOLOGY CO. LTD. APPROVED

1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

EUT Name	:	Bluetooth Transmission Module
Model No.	:	XY-MBO21F
Series No.	:	XY-MBO26A
Model Difference	:	The model and size of the product are different
Trademark	:	N/A
Product Description	:	The EUT is Bluetooth Transmission Module. ZIGBEE: Operation frequency: 2402MHz-2480MHz Modulation Type: GFSK Antenna Designation: PCB Antenna Antenna Gain (Peak): 1.0dBi Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.
Channel List	:	Refer to below
Hardware Version	:	V2.4
Software Version	:	V2.4
Power supply	:	Input: DC 3.3V

Remark:
(1) XY-MBO21F was selected as the test model and the datas have been recorded in this report.
(2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2. EN 62479 & EN 50663 REQUIREMENT

2.1. GENERAL INFORMATION

According to its specifications, the EUT must comply with the requirements of the following standards:

EN 62479:2010 [Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)]

EN 50663:2017 [Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz-300GHz)]

2.2. LIMIT

A. Typical usage, installation and the physical characteristics of equipment make it inherently compliant with the applicable EMF exposure levels such as those listed in the bibliography. This low-power equipment includes unintentional (or non-intentional) radiators, for example incandescent light bulbs and audio/visual (A/V) equipment, information technology equipment (ITE) and multimedia equipment (MME) that does not contain radio transmitters.

NOTE: Equipment is described as A/V equipment, ITE or MME if its main use is playback / recording of music, voice or images, or processing of digital information.

B. The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in 4.2.

C. The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in 4.2.

D. Measurements or calculations show that the available antenna power and / or the average total radiated power are below the low-power exclusion level defined in 4.2.

3. RESULT

PASS

ZIGBEE：

The available antenna power of this EUT is 2.81mW (4.17dBm), the power are below the low-power exclusion level defined in 4.2 (Pmax: 20mW).

The power see the test report CCTI-2024032809-1E.

※※※※※ **END OF REPORT** ※※※※※

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