



EN62479 TEST REPORT

Product : Bluetooth module

Trade Name :  **cubeacon**

Model Name : CBAR-25

Report No. : BCTC-LH170903616-1E

Prepared for

PT. Eyro Digital Teknologi

Jl. Amir Mahmud IX/23 Gunung Anyar. Surabaya 60294. Indonesia.

Prepared by

Shenzhen BCTC Testing Co., Ltd.

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TEST RESULT CERTIFICATION

Applicant's name..... : PT. Eyro Digital Teknologi
Address..... : Jl. Amir Mahmud IX/23 Gunung Anyar. Surabaya 60294. Indonesia.
Manufacturer's Name..... : PT. Eyro Digital Teknologi
Address..... : 6th Floor, H Building, Gangzhihong Science Park, Qinglong Road, Longhua District, Shenzhen, China

Product description

Product name..... : Bluetooth module
Trademark : 
Model and/or type reference : CBAR-25

Standards..... : EN 62479:2010

This device described above has been tested by BCTC, and the test results show that the equipment under test (EUT) is in compliance with the Radio Equipment Directive(RED) 2014/53/EU Art.3.1(a) requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test..... :
Date (s) of performance of tests..... : Sep. 28 - Oct. 13, 2017
Date of Issue..... : Oct. 13, 2017
Test Result : **Pass**

Prepared by(Engineer): Snowy Yang

Reviewer(Supervisor): Jade Yang

Approved(Manager): Carson Zhang



This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen BCTC Testing Co., Ltd.




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1. GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF EUT

Equipment	Bluetooth module
Brand Name	
Model Name.	CBAR-25
Model Difference	The product is different for model name.
Product Description	Operation Frequency: 2402~2480MHz
	Modulation Type: BLE: FSK/GFSK/MSK
	Number Of Channel: BLE:40CH
	Bit Rate of Transmitter: BLE:2Mbps
	Antenna Designation: PCB Antenna
	Antenna Gain(Peak): -1.5dBi
	BT Version: 4.0(BLE)
	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
Adapter	N/A
Battery	DC3V
Hardware Version	N/A
Software Version	N/A

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



2.EN 62479 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)]

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

The available antenna power of this EUT is 2.312mW(**3.64dBm**), the power are below the low-power exclusion level defined in 4.2(Pmax: 20mW).”