

| | TEST REPOR | T | | |
|----------------------------------|--|-------------------|------|--|
| FCC ID: | 2A6CL-CR1002 | | | |
| Test Report No:: | TCT220401E011 | (c ¹) | (C) | |
| Date of issue:: | Apr. 12, 2022 | | | |
| Testing laboratory: | SHENZHEN TONGCE TESTIN | G LAB | | |
| Testing location/ address: | TCT Testing Industrial Park Fud Street, Bao'an District Shenzhe Republic of China | | • | |
| Applicant's name:: | Shen Zhen Yelaw Technology (| Co., LTD | | |
| Address:: | 4th Floor, Building D, Xinyong F Fengzheng Road, Shiyan Stree | • | • | |
| Manufacturer's name: | Shen Zhen Yelaw Technology (| Co., LTD | | |
| Address:: | 4th Floor, Building D, Xinyong Fengxin Industrial Park, Fengzheng Road, Shiyan Street, Baoan District, Shenzhen, China | | | |
| Standard(s):: | FCC CFR Title 47 Part 1.1307 | | | |
| Product Name:: | FM&BLUETOOTH Clock Radio | | | |
| Trade Mark: | N/A | | × | |
| Model/Type reference: | CR1002 | | | |
| Rating(s):: | DC 5V | | | |
| Date of receipt of test item | Apr. 01, 2022 | (C) | | |
| Date (s) of performance of test: | Apr. 01, 2022 ~ Apr. 12, 2022 | , (A | () | |
| Tested by (+signature): | Onnado YE | Onnado Jango | | |
| Check by (+signature): | Beryl ZHAO | BoyC TC | LING | |
| Approved by (+signature): | Tomsin | Joms ins | ed) | |

General disclaimer:

This report shall not be reproduced except in full, without the written approval of SHENZHEN TONGCE TESTING LAB. This document may be altered or revised by SHENZHEN TONGCE TESTING LAB personnel only, and shall be noted in the revision section of the document. The test results in the report only apply to the tested sample.

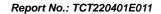




Table of Contents

| 1.1 1.2 2. Ge 2.1 2.2 3. Fa 3.1 3.2 | EUT desc. Model(s) neral Info Test envi Descripti cilities ar Facilities Location | cription listormation ironment a ion of Sup nd Accre | and mode. port Units | ent Data | | |
|--|---|--|----------------------|------------|---------|-----|
| 4. 16. | si Nesuii | S and Ivid | easurenn | ent Data . | (c) | (3) |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |



1. General Product Information

1.1. EUT description

| Product Name: | FM&BLUETOOTH Clock Radio | (3) | | (c) |
|-----------------------|--------------------------|-----|-----|-----|
| Model/Type reference: | CR1002 | | | |
| Sample Number: | TCT220401E010-0101 | | | |
| Operation Frequency: | 2402MHz~2480MHz | | (6) | |
| Modulation Type: | GFSK, π/4-DQPSK, 8DPSK | | | |
| Antenna Type: | PCB Antenna | | | (0) |
| Antenna Gain: | 2dBi | | | |
| Rating(s): | DC 5V | | | |

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

| 1.2. N | lodel(s) I lone. | ist | | | |
|--------|---------------------|-----|--|--|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |



2. General Information

2.1. Test environment and mode

| Item | Normal condition |
|-----------------------|---|
| Temperature | +25°C |
| Voltage | DC 5V |
| Humidity | 56% |
| Atmospheric Pressure: | 1008 mbar |
| Test Mode: | |
| Engineering mode: | Keep the EUT in continuous transmitting by select channel |

2.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Equipment | Model No. | Serial No. | FCC ID | Trade Name |
|-----------|-----------|------------|--------|------------|
| 1 | | 1 | 1 | 1 |

Note:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
- 3. For conducted measurements (Output Power, 20dB Occupied Bandwidth, Carrier Frequencies Separation, Hopping Channel Number, Dwell Time, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.





3. Facilities and Accreditations

3.1. Facilities

The test facility is recognized, certified, or accredited by the following organizations:

• FCC - Registration No.: 645098

SHENZHEN TONGCE TESTING LAB

Designation Number: CN1205

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

IC - Registration No.: 10668A-1

SHENZHEN TONGCE TESTING LAB

CAB identifier: CN0031

The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

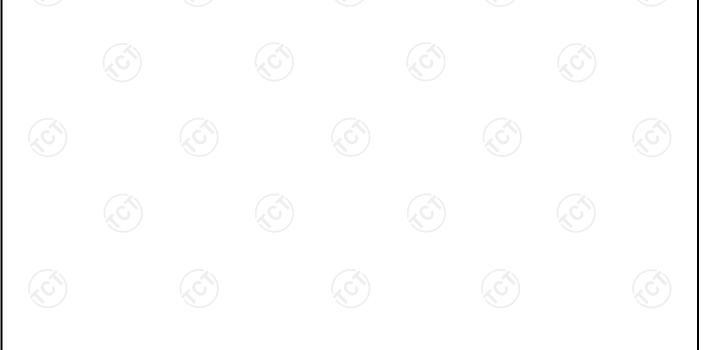
3.2. Location

SHENZHEN TONGCE TESTING LAB

Address: TCT Testing Industrial Park Fuqiao 5th Industrial Zone, Fuhai Street, Bao'an

District Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339





4. Test Results and Measurement Data

According to §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

Remark: 1) The maximum output power for antenna is -2.75dBm (0.53mW) at 2480MHz, 2dBi antenna gain (with 1.58 numeric antenna gain.)

2) For mobile or fixed location transmitters, no SAR consideration applied. The minimum separation generally be used is at least 20cm, even if the calculation indicate that the MPE distance would be lesser.

Calculation

Given

$$E = \sqrt{\frac{30 \times P \times G}{d}} \quad \& \quad S = \frac{E^2}{3770}$$

Where

E = Field Strength in Volts / meter

P = Power in Watts

G=Numeric antenna gain

d=Distance in meters

S=Power Density in milliwatts / square centimeter

Maximum Permissible Exposure

output power= 0.53mW

Numeric Antenna gain= 1.58

Substituting the MPE safe distance using d=20cm into above equation.

Yields:

S=0.000199*P*G

Where P=Power in mW

G=Numeric antenna gain

S=Power density in mW/cm²

Power density= 0.000167mW/cm²

(For mobile or fixed location transmitters, the maximum power density is 1.0 mW/cm² even if the calculation

indicates that the power density would be larger.)

*****END OF REPORT****

Page 6 of 6

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com