

Technical Description

The equipment under test (EUT) is a Cubetto with Bluetooth 5.0 BLE function operating in 2402-2480MHz. The EUT is powered by DC 3.7V (1 x 3.7V rechargeable battery). Once use the USB cable charging to the EUT, the wireless function will be disabled. For more detail information pls. refer to the user manual.

Antenna Type: Integral antenna

Modulation Type: GFSK

Antenna Gain: -0.58dBi Max

The normal radiated output power (e.i.r.p) is: -4.0dBm (tolerance: +/- 3dB).

The normal conducted output power is -3.42dBm (tolerance: +/- 3dB).

Channel List:

2402MHz to 2480MHz and the channel list with 2 MHz channel spacing.

Main Chip Function:

1. U5 is Slave MCU.
2. U1, U4 are DC-DC IC
3. U2 is Bluetooth MCU.
4. Y1 is 24MHz OSC for U2.
5. U6 is Charge IC.
6. U7 is High-Voltage-Protect IC.
7. U3 is Motor Driver IC.

ANT Photo:

