

Technical Description

The equipment under test (EUT) is an Speaker with Bluetooth 5.3(EDR) function operating in 2402-2480MHz. The EUT is powered by DC 5.0V by power bank. Once use the aux in 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: GFSK, $\pi/4$ -DQPSK and 8-DPSK

Bluetooth Version: 5.3 (EDR single model)

Antenna Gain: -0.58dBi

The normal peak radiated output power (e.i.r.p) is: -6.0dBm (tolerance: +/- 3dB).

The normal peak conducted output power is: -5.42dBm (tolerance: +/- 3dB).

Channel List:

2402MHz to 2480MHz and the channel list with 1 MHz channel spacing.

Main Chip Function:

1. U1 is Bluetooth RF IC.
2. Y1 is 12MHz OSC for U1.
3. U2 is audio power amplifier IC.

ANT Photo:

