

Technical Description

The equipment under test (EUT) is an Auto Swing Chair with Bluetooth 5.1 (Single Mode EDR) function operating in 2402-2480MHz. The EUT is powered by DC 5.0V by adaptor. For more detail information pls. refer to the user manual.

Antenna Type: Integral antenna

Modulation Type: GFSK, $\pi/4$ -DQPSK and 8-DPSK

Antenna Gain: -0.58dBi Max

Bluetooth Version: 5.1 (Single Mode EDR)

The normal radiated output power (e.i.r.p) is: -1.0dBm (tolerance: +/- 3dB).

The normal conducted output power is -1.58dBm (tolerance: +/- 3dB).

Channel List:

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

Main Chip Function:

1, U5 is RF transceiver IC.

2, Y1 is 24MHz OSC for U5.

3, U4 is MCU.

4, U3 is LED driver IC.

5, U6 is Flash IC.

6, U1 is LDO IC.

7, U7 is Audio Amplifier IC.

8, U2 is touch IC.

ANT Photo:

