

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:

