

OperatingDescription

1. The earphone work voltage is DC 3.7V by battery, and with a USB Charging box. The charging box only supports charging function, not support data transmission.
2. The device with a button for “on/off” function.
3. The transmitter is an earphone transmitter operating at 2402-2480MHz band. The transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 2.4GHz carrier frequency.
4. The Bluetooth chip is QCC3040. The output of has the matching network consisting of A1/GC1/GL1, that limit the harmonic content and effect the proper coupling of the antenna to the output stage. The EUT continues to transmit while power on. Modulation by IC; and type is GFSK, Pi/4-DQPSK and 8DPSK modulation.
5. The transmitting frequency of the antenna is 2402-2480MHz, with an oscillator of 32MHz frequency to provide base clock signal for Bluetooth main chip QCC3040, the Bluetooth version is V5.2, and support GFSK, Pi/4 DQPSK and 8DPSK modulation for BR and EDR modes.

Technical Specifications:

Bluetooth Version: V5.2(BR+EDR)

Frequency Range: 2402-2480MHz

Hardware Version: V1.0

Software Version: V1.0

Antenna Gain: 0dBi

Antenna Type: FPCB Antenna