

FCC ID WBQAQPAVRFMPIR

Circuit Description

The 16 MHz crystal oscillator drives the IC. The modulation provided by IC. The output of the IC has the matching network consisting of L1, L2, L3 and C21, C22, that limit the harmonic content and matching the antenna to the output stage.

Antenna, Ground and Power Source

The antenna consists of a 3.5cm long whip antenna.

There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 3V dc battery (CR2032) primary battery.

Operation Descriptions

The transceiver in RX is a host operating at 2448 MHz band. The transmitter is powered by a 3 V battery (1 pc of CR2032) and the transmitting frequency is crystal controlled.

The transmitter will be synchronized with the RX. The operation is achieved by different combinations of form pulse modulating signal on the 2448 MHz carrier frequency.

Remarks:

The EUT transmit RF signal while any buttons is being pressed. Modulation provided by IC, the type of modulation is GFSK.