

## Circuit Description

IC drives the base of U2 the final/buffer amplifier.

The modulation provided by IC. The output of U2 has the matching network consisting of L6, L7 and L8 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

### Antenna, Ground and Power Source

No external antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 4.1 Volt (rechargeable battery x 1) primary battery

### **Operation Descriptions**

The transceiver is a audio headset operating at 2402-2480MHz band. The transceiver is powered by a 4.1V rechargeable battery and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 2402-2480MHz carrier frequency.

### Remarks:

The EUT continues to transmit while is communicating with a Bluetooth device. It is data transmitter, Modulation by IC; and type is frequency hopping spread spectrum.