

FCC ID: XXUWT015  
Circuit Description

The 433MHz resonator drives the base of IC1.

The modulation provided by IC1. The output of IC1 has the matching network consisting of L1, C1 and C2 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

The antenna consists of a 15.5cm long wire antenna.

There is no external ground connection. The ground is only that of the printed circuit board.

Electric current is supplied by a 3 Volt (“AAA” size battery x 2) primary battery

### **Operation Descriptions**

The transmitter is a weather station operating at 433MHz band. The transmitter is powered by a 3V battery (“AAA” size battery x 2) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 433MHz carrier frequency.

Remarks:

The transmitter is a periodic transmitter. The EUT periodically to transmit after switched on, Modulation by IC; and type is Pulse modulation.