

## **FCC ID: QZQ38001B**

### Circuit Description

The 49.86MHz crystal oscillator drives the base of Q(1815Y) the final/buffer amplifier. The modulation provided by IC(TX2). The output of Q(1815Y) has the matching network consisting of L(2.2 $\mu$ H) and C(47p) 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 28cm long metal antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 4.5 Volt ("AAA" size battery x 3) primary battery