

## **FCC ID: LU9249986A**

### Circuit Description

The 24.93MHz (X2 to 49.86) crystal oscillator drives the base of Q8 the final/buffer amplifier. The modulation provided by Mic. The output of Q8 has the matching network consisting of L3 and C24 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 48cm long metal wire. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 9 Volt ("6F22" size battery x 1) primary battery