

## **FCC ID: M8QS63249TX**

### **Circuit Description**

The 49.86MHz crystal oscillator drives the base of Q3 the final/buffer amplifier. The modulation provided by Q1 & Q2. The output of Q3 has the matching network consisting of LX and CX 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 12.7cm long telescoping chrome over brass tubing. 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