

## **FCC ID: QEG-HP-010703A**

### **Circuit Description**

The 86.9MHz LCR oscillator drives the base of Q1 the final/buffer amplifier. The modulation provided by Audio Input. The output of Q1 has the matching network consisting of L3 and C7 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 9cm 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 3 Volt ("AAA" size battery x 2) primary battery