

## **FCC ID: Q2CDA1084**

### **Circuit Description**

The 49.83 and 49.88(16.61x3 and 16.625x3)MHz crystal oscillator drives the base of Q6 the final/buffer amplifier. The modulation provided by Mic. The output of Q6 has the matching network consisting of L6 and C52 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

### **Antenna, Ground and Power Source**

There is no external antenna. 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 and AC-DC Adapter 120Va.c. - 9Vd.c.