

## **Model No. 680**

### Circuit Description

The 49.86MHz crystal oscillator drives the base of Q2 the final/buffer amplifier. The modulation provided by IC (SLTX-2). The output of Q2 has the matching network consisting of L3 and C5 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 3 Volt ("AA" size battery x 2) primary battery