FCC ID: G6D3377A-R01

Circuit Description

The 49.86MHz crystal oscillator drives the base of Q2 the final/buffer amplifier. The modulation provided by Q1. The output of Q2 has the matching network consisting of L2 and C4 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 29cm long matel wire. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 9Volt (“6F22” size battery x 1) primary storage cell.