

FCC ID: QZQ31001B

Circuit Description

The 49.86MHz crystal oscillator drives the base of Q4 the final/buffer amplifier. The modulation provided by IC2. The output of Q4 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 30cm 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 4.5 Volt ("AAA" size battery x 3) primary battery