

Circuit Description

The 100.4MHz oscillator drives the base of Q3 the final/buffer amplifier. The modulation provided by Mic. The output of Q3 has the matching network consisting of L2 and C11 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 14cm 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 4.5 Volt ("L1154" size battery x 3) primary battery