

FCC ID: RMFRSQ618

Circuit Description

The 16.6188MHz and 16.6157MHz x3 to 49.88MHz and 49.84MHz crystal oscillator drives the base of Q5 the final/buffer amplifier. The modulation provided by Mic. The output of Q5 has the matching network consisting of L1 and C14 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 15cm 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 9 Volt (117Va.c. – 9Vd.c.) adapter