

Circuit Description

The 49.86MHz (16.62MHz x 3) crystal oscillator drives the base of Q108 the final/buffer amplifier. The modulation provided by Mic. The output of Q108 has the matching network consisting of L100 and C141 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 an 5.9cm 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 ("6F22" size battery x 1) primary battery.

Remarks:

The transmitter is a 2 (**Button**) transmitter.

The EUT continues to transmit while (**Button**) is being pressed.

It is (**Voice**) transmitter, Modulation by (**Microphone**); and type is (**Amplitude**) modulation.