FCC ID: II622294

Circuit Description

The 49.86MHz crystal oscillator drives the base of Q1 the final/buffer amplifier.
The modulation provided by IC. The output of Q1 has the matching network consisting of R15 and L1 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 10.2cm 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

Operation Descriptions

The transmitter is a voice transmitter operating at 49.86MHz band. The transmitter is powered by a 6V battery ("AG13" size battery x4) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 49.86MHz carrier frequency.

Remarks:
The transmitter is a 1 Button transmitter.
The EUT continues to transmit while Button is being pressed.
It is Voice transmitter, Modulation by Microphone; and type is Frequency modulation.