

Application No.: HM156644

FCC ID: SWJKC0418A

Circuit Description

The 88.1-107.9MHz crystal oscillator drives the base of Q6 the final/buffer amplifier. The modulation provided by PSP (with 1kHz tone). The output of Q6 has the matching network consisting of L5 and C13 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 Internal antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by PSP primary battery.

Operation Descriptions

The transmitter is a FM transmitter operating at 88.1-107.9MHz band. The transmitter is no external antenna internal has single wire as antenna. The transmitter is powered by a PSP and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form FM modulating signal on the 88.1-107.9MHz carrier frequency.

Remarks:

The transmitter is a 2 Button transmitter.

The EUT continues to transmit while **Trigger** is being pressed.

It is Voice / Pulse transmitter, Modulation by PSP; and type is Frequency modulation.