

## FCC ID: S8GAWWINWB2005

### Circuit Description

The 7.6MHz MHz crystal oscillator drives the IC of U1 the final/buffer amplifier. The modulation provided by U1. The output of U1 has the matching network consisting of C17 and R14 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

### Antenna, Ground and Power Source

There is no external antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 3 Volt ("AAA" size battery x 2) primary battery.

### Operation Descriptions

The transmitter is a FM transmitter operating at 88.1-107.9MHz band. The transmitter is powered by a 3 Volt battery (AAA x 2) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 88.1-107.9MHz carrier frequency.

### Remarks:

The transmitter is a *Trigger* transmitter.

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

It is *Voice* transmitter, Modulation by *Audio Output*; and type is *Frequency* modulation.