

APPLICANT: REGAL ENTERPRISES LTD.  
FCC ID: LWA15602

### **Operational Circuit Description**

The transmitter circuit consists of audio input from microphone M1 amplified by integrated circuit IC1. The crystal oscillator has provisions for changing center frequency by using switch SW3 to select one of the two crystals. Q2 is a frequency triple stage that follows the crystal oscillator. The antenna is transformer (T1) coupled to the triple stage.

#### Power Supply and Ground

Power is supplied by a 9V battery or a external 9 Volt source ( AD/DC adaptor). No external connection is available for grounding. The printed circuit board traces are the only grounds.