

FCC ID: N9ZMAV220

Circuit Description

Operation Descriptions

The transmitter is a thermometer remote sensor operating at 433.92 MHz. The transmitter is powered by a 3V battery (2 x 1.5V “AAA” size batteries). The IC: W54E260 U1 is the MCU. It controls the LCD display, LED indicator and read the temperature data detected by the temperature sensor circuit. The temperature data is encoded by the MCU and modulated by the modulator make up of the 433.92MHz crystal oscillator Y201 and the amplifier Q201. The modulated RF signal then passes through the matching network to the PCB antenna.