

FCC ID: ZRB683219

Model: KW9010 (Transmitter portion)

Technical Description of Transmitter

The transmitter operates at 433 MHz. The MCU (U1) reads the temperature via resistor RT and relative humidity via resistor RH. According to the scale selector (switch C/F), the MCU (U1) transmits data via the 433MHz RF board. The data can be displayed on its own LCD.

In the RF board, a crystal X1 governs the 433MHz oscillator. Q1 is the modulator and RF Amplifier; while L2, L3, L5, C11, C13 and C14 provide the impedance matching.

The transmitter uses an internal, integral and non-detachable antenna.