FCC ID: N9ZTHX201

Circuit Description

The 433.92MHz crystal oscillator drives the base of Q2 the final/buffer amplifier.
The modulation provided by IC. The output of Q2 has the matching network consisting of C17, C18, C19 and L3, L4, L5, L7 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

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 ("AA" size battery x 2) primary battery

Operation Descriptions

The transmitter is a thermo hygro sensor operating at 433.92MHz band. The transmitter is powered by a 3V battery ("AA" size battery x 2) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 433.92MHz carrier frequency.

Remarks:
The EUT transmit periodically after switch on. The operation period of each transmission is 446ms, and the silent period between each transmission is 60.601s. The EUT to transmit while switch on. Modulation by IC; and type is Pulse modulation.