

## Operation Description

The equipment under test (EUT) is a transmitter for Weather Station operating at 433.9MHz and is controlled by a crystal. The EUT is powered by 2 x 1.5V AAA size battery. It senses temperature and humidity and transmits the data to the receiver in modulated radio signal. The transmission is periodic and occurs once every 2 minutes.

The brief circuit description is listed as follows :

- RF module and associated circuit act as modulator and are for transmission
- U1 and associated circuit act as encoder
- Q1, Q2, R7, R8, R9 and associated circuit act as voltage regulator
- RT and associated circuit act as temperature sensor
- S2, Q101, TLC555 and associated circuit act as humidity sensor