



Working Principle for WH7 transmitter: Operation Frequency: 915MHz

1. After power on, the MCU will light on LED and turn on FSK module for 4sec to test the FSK module function.
2. LED and FSK module are off. MCU make temperature and humidity measurement.
3. Temperature and humidity data is sent out through the FSK module.
4. Within the first 4 transmissions, the MCU will transmit weather related data every 8 seconds. After that then the system enters normal mode: temperature, humidity, wind speed, rainfall data will be transmitted every 48 seconds.
5. During the time span of 48s, temperature ,humidity, wind and rainfall data is measured periodically.