

## **Technical Description**

The Equipment Under Test (EUT) is a portable 2.4GHz Transceiver (controller Unit) for a RC Drone operated at 2455-2479MHz. The EUT is powered by 2 X 1.5V AAA batteries. After switch on the EUT and paired with RC Drone, the RC Drone can be controlled to fly forward, backward, turning left/right direction by the controller.

**The brief circuit description is listed as below:**

- 1) U1 acts as MCU (PM C 232SSO P20).**
- 2) Y1 is 12MHz crystal oscillator providing clock for U1.**
- 3) U2 acts as Voltage Regulator (H X 4002B).**

**Antenna Type: Internal antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 95.0dB $\mu$ V/m at 3m**

**Maximum allowed field strength of production tolerance: +/- 3dB**