

Technical Description

The Equipment Under Test (EUT) is a 2.4GHz Controller operating from 2420-2465MHz with 1MHz channel spacing for RC Drone. The EUT is powered by 4.5V AA batteries. After switch on the EUT and paired with RC Drone, the EUT can be controlled to fly forward, backward, turn left/right.

The brief circuit description is listed as below:

- 1) U3 acts as 2.4GHz RF Module Circuit (XN297L).**
- 2) Y1 is 16MHz crystal oscillator providing clock for U3.**
- 3) U1 acts as MCU (61223).**
- 4) U2 acts as Voltage Regulator (CE62183V3P).**

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength: 93.2dB μ V/m at 3m

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