

## Technical Description

The Equipment-Under-Test (EUT) is a R/C Max Drive. The EUT contains a WIFI (G) module. The EUT is powered by a 6.4V rechargeable battery. The WIFI module is for the video streaming or transfer between the EUT and the mobile device.

The Equipment Under Test (EUT) operates at frequency range of 2412MHz to 2462MHz with 11 channels.

For 802.11g mode, it operates at frequency range of 2412.000MHz to 2462.000MHz with 11 channels. It transmits via Orthogonal Frequency Division Multiplexing (OFDM) modulation. Maximum bit rate can be up to 54Mbps.

The EUT is power by a 6.4V rechargeable battery.

Antenna Type: Internal, Integral

The brief circuit description is listed as below:

- 1) U1 acts as a MCU and a pure receiver (no transmission).
- 2) Y1 (12MHz) acts as a crystal for U1.
- 3) U2 acts as a Wifi module with X1(12MHz crystal)

### WiFi Module

Antenna Type: Internal, Integral

Antenna Gain: 0dBi

Operating mode	Nominal Conducted Power	Production Tolerance	Modulation Type
802.11g	23.87 dBm	+/- 3dB	OFDM