

Technical Description

The Equipment Under Test (EUT) is a portable 2.4GHz Transceiver (controller Unit) operating at 2412, 2420, 2427, 2439, 2442, 2450, 2457 and 2468 MHz for RC Car operating at 2412MHz. The EUT is powered by 2 X 1.5V AA batteries. After switch on the EUT and paired with RC Car, the RC Car can be controlled to fly forward, backward, turning left/ right direction by the controller.

Antenna Type: Internal integral antenna

Antenna Gain: 0dBi

Nominal rated field strength: 84.5dB μ V/m at 3m

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

The brief circuit description is listed as follows:

1. U1 (ZT245LRC) acts as 2.4GHz RF Module
2. Y1 acts as 16MHz Oscillator
3. S1 – S6 sct as control button