

Technical Description

The Equipment Under Test (EUT), is a 2.4GHz Transceiver (RC car). The operation frequency range is between 2435MHz and 2470MHz with 8 channels.

2435	2442	2443	2444
2445	2467	2468	2470

The EUT is powered by 1 x 7.4V rechargeable battery. After switch on the EUT, the car will be moved forward or backward, turned left or right based on the switches pressed in the controller.

Antenna Type: Internal, Integral

For electronic filing, the brief circuit description is saved with filename: descri.pdf.

The brief circuit description is listed as below:

- 1) U10 acts as a MCU (NUC029-LQFP48).
- 2) TM1 acts as a 2.4GHz RF module (WT24DK2015B).
- 3) Y1 acts as a 16MHz crystal.
- 4) Y4 acts as a 16MHz crystal.

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 94.5 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 2dB