

## Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Controller Unit) for a 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 2 x 1.5V AAA batteries. After switch on the EUT, the car will be moved forward or backward and turned left and 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) M1 acts as a RF module circuit (WT24DK2015B).
- 2) U2 acts as a MCU (EM78F734NH).
- 3) Y1 (16MHz) acts as a crystal.
- 4) U1 acts as a power supply circuit (HG5401B33M).

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 98.9 dB $\mu$ V/m at 3m

Maximum allowed production tolerance: +/- 2dB