

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Car Unit) for a RC car. The operation frequency range is between 2411MHz and 2472MHz with 21 channels.

2411	2441
2413	2443
2420	2445
2422	2451
2424	2453
2426	2455
2428	2461
2435	2468
2437	2470
2439	2472
2457	

The EUT is powered by 2 x 3.2V rechargeable batteries. 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) U1 acts as a MCU and RFIC (2460A).
- 2) Y1 (16MHz) acts as a crystal.
- 3) U3 and U4 act as motor drivers.

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 95.5 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB