

Technical Description

The Equipment Under Test (EUT), is a 2.4GHz Transceiver (RC car). The sample supplied operated on 46 channels, normally at 2420 - 2465MHz. The channel is separated by 1 MHz channel spacing.

The EUT is powered by 1 x 9.6V 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) U1 acts as a MCU and RFIC (BL2402).
- 2) Y1 acts as a 12MHz crystal.
- 3) U3 acts as a motor driver circuit (MIC5219).

Antenna Type: Internal integral antenna

Antenna Gain: 0dBi

Nominal rated field strength (Peak): 89.8dB μ V/m at 3m

Nominal rated field strength (Average): 65.6dB μ V/m at 3m

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