

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transmitter (Controller Unit) for a RC car. The operation frequency range is between 2405MHz and 2475MHz with 71 channels. The channels are separated by 1 MHz channel spacing.

The EUT is powered by 1 x 9.0V alkaline 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 (2.4G-TX).
- 2) Y1 (12MHz) acts as a crystal.

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 97.5 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB