

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz pure Transmitter (Controller Unit) for a RC car. The sample supplied operated on 8 channels, normally at 2408 - 2467MHz. The channel table is shown below.

2408	2414	2428	2434
2440	2455	2461	2467

The EUT is powered by 2 x 1.5V AA 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.

The brief circuit description is listed as below:

1. U1 acts as 2.4GHz wireless Module
2. X1 12MHz acts as Crystal Oscillator for the 2.4GHz wireless Module.

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 92.1 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB