

## Technical Description

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

<b>2408</b>	<b>2414</b>	<b>2428</b>	<b>2434</b>
<b>2440</b>	<b>2455</b>	<b>2461</b>	<b>2467</b>

**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 on the controller.**

The brief circuit description is listed as below:

1. U4 acts as 2.4GHz RF Chip set with MCU
2. Y1 acts as 16MHz of Crystal Osc.
3. L1, C2 & C3 act as antenna matching circuitry.

**Antenna Type: Internal, Integral antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength is 88.0 dB $\mu$ V/m at 3m**

**Maximum allowed production tolerance: +/- 3dB**