

Technical Description

The Equipment Under Test (EUT) is a 2.4GHz RC Car operating from 2405.5-2463.5MHz with 0.5MHz channel spacing for Controller. The EUT is powered by 3*1.5V AAA batteries. After switch on the EUT and paired with Controller, the EUT can be controlled to fly forward, backward, turn left/right by controller.

The brief circuit description is listed as below:

- 1) U4 acts as MCU (PMC234CS24).**
- 2) U1 acts as 2.4GHz RF Module Circuit (A7105).**
- 3) Y1 is 16MHz crystal oscillator providing clock for U1.**
- 4) U8 acts as EEPROM (CW24C02CD).**
- 5) U6 and U3 acts as Voltage Regulator.**
- 6) U2 and U5 act as Motor Driver (2025F).**

Antenna Type: Internal antenna

Antenna Gain: 0Bi

Nominal rated field strength: 85.8dB μ V/m at 3m

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