

Technical Description

The Equipment Under Test (EUT) is a 2.4GHz Transmitter (Controller Unit) operating at a frequency range of 2418-2467MHz with 1MHz channel spacing. The EUT is powered by 2*1.5V AA battery. After switch on the EUT and paired with the car, the car can be controlled to move forward/ backward and turn left/ right by the controller.

Antenna Type: Internal integral antenna

Antenna Gain: 0dBi

Nominal rated field strength: 102.8 dB μ V/m at 3m

Maximum allowed field strength of production tolerance: 96.8 dB μ V/m - 102.8 dB μ V/m

The brief circuit description is listed as below:

1. FW1210 and associated circuit act as MCU.
2. Y1 represents the 16MHz frequency oscillator.