

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.

2408	2414	2428	2434
2440	2455	2461	2467

The EUT is powered by 2 x 1.5V AA batteries. After switching 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 Model: 180010E is the same as the Model: 180010D in hardware aspect as declared by client. The difference in model number serves as marketing strategy as declared by client. The models are different in color only as declared by client.

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 (CP-TX2A).
- 2) X1 (16MHz) acts as a crystal.

Antenna Type: Internal integral antenna

Antenna Gain: 0dBi

Nominal rated field strength: 99.0dB μ V/m at 3m

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