

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Car Unit) for a RC car. The operation frequency range is between 2405MHz and 2475MHz with 1MHz spacing for 71 channels

The EUT is powered by 4 x 1.5V AA batteries.

After switch on the EUT, model: 1002396, the car will be moved forward or backward, turned left or right based on the joystick control in the controller.

The brief circuit description is listed as below:

- 1) U2 acts as a MCU and Amplifier (SOP-16/SR17102-2.4G-RX).**
- 2) Y1 (12MHz) acts as a crystal for U2**
- 3) U3 acts as Driver circuit (MX1616)**
- 4) U4 acts as Driver circuit (MX08E)**

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal field strength is 85.3 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB