

Technical Description

The Equipment Under Test (EUT) is a portable 49.86MHz Transmitter (Controller Unit) for a RC car.

The EUT is powered by 9V battery. After switch on the EUT, the car can be controlled to move forward/backward and turn left/ right by the controller.

The brief circuit description is listed as below:

- 1) U1 acts as MCU (TX-2).**
- 2) Y1 is 49.860MHz crystal oscillator providing clock for U1.**

Antenna Type: Internal antenna

Antenna Gain: 0Bi

Nominal rated field strength: 71.9dB μ V/m at 3m

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