

Technical Description

The Equipment Under Test (EUT) is a portable 27MHz Transmitter (Controller Unit) for a RC car.

The EUT is powered by 9V Alkaline 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 and the associated circuit act as the MCU (TX-2).**
- 2) Y1 acts as the frequency oscillator (27.145MHz).**

Antenna Type: External Antenna

Antenna Gain: 0dBi

Nominal rated field strength: 65.6dB μ V/m at 3m

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