

Technical Description

The Equipment Under Test (EUT), is a portable 27.145MHz Transmitter (Controller Unit) for a RC car. The EUT is powered by 2 x 1.5V AA size batteries.

After switch on the EUT, the corresponding 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) UK1 acts as encoder (U1, TX-2A).
- 2) Q1 acts as Amplifier (Q1, G3Y).
- 3) Q2 acts as Oscillator for Q2, Y.

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Maximum allowed field strength range is from 61.4 dB μ V/m at 3m

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