

Technical Description

The Equipment Under Test (EUT) is portable controller for Remote controlled car set which operates at 27.145MHz.

The EUT is power by 1 x 9.0V Alkaline battery.

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

Antenna Type: External, Dedicated Telescope Antenna

Antenna Gain: 0dBi

Nominal rated field strength is 49.5dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB

Antenna Type: Dedicated Telescope antenna

For electronic filing, the brief circuit description is saved with filename: descri.pdf.

The brief circuit description is listed as below:

- 1) Y1 and Q1 act as a 27.145 MHz oscillator.
- 2) L1, T1 and C1-C3 act as an Antenna matching Circuit.
- 3) Q2 acts as Modulator and Amplifier.