

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 9V 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: Dedicated extendable typy Antenna

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

The brief circuit description is listed as below:

- 1) U1 acts as a RF power amplifier and modulator.
- 2) Y1 acts as a 27.145MHz crystal.

Antenna Type: Internal integral antenna

Antenna Gain: 0dBi

Nominal rated field strength: 71.6dB μ V/m at 3m

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