

Operational description

1.0 **General Description**

1.1 Product Description

The equipment under test (EUT) is a transmitter for a Remote Controlled Toy operating at 27.145 MHz, which is controlled by a crystal. The EUT is powered by a 9V battery. There are three switches, ON/OFF, Forward and Backward, turn left and turn right.

The brief circuit description is listed as follows:

- X1 and associated circuit act as oscillator.
- Q1 and associated circuit act as RF amplifier.
- Q2 and associated circuit act as Power amplifier.
- IC1 and associated circuit act as Controlled Unit.