

Product Description

The equipment under test (EUT) is a transmitter for remote control toy operating at 49.860 MHz which is controlled by a crystal. The EUT is powered by a 9V battery. There are two control buttons on the EUT, push left or push right on the left button control the left or right wheeling, push up or push down on the right button control the forward or backward movement of the receiver.

The brief circuit description is listed as follows:

- X1, Q1 and associated circuit act as local oscillator.
- Q2 and associated circuit act as mixer & RF amplifier.
- IC1 and associated circuit act as modulation signal generator.