

General Description

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The equipment under test (EUT) is a transmitter for a Radio Control Locomotive and Local Car operating at 27.145 MHz which is controlled by a crystal. The EUT is powered by a 9V battery. There are three buttons. The top button is a sound button. The center button controls the Locomotive running forward and produces smoke. The bottom button controls for forward and reverse motion.

The brief circuit description is listed as follows :

- X1 and associated circuit act as Oscillator.
- Q3 and associated circuit act as RF Amplifier.
- U1 and associated circuit act as Control Unit.