Operation Description

12199 R/C Super Truck (49 MHz)

The equipment under test (EUT) is a transmitter for R/C Super Truck (27MHz). Operating at 49.860MHz which is controlled by a crystal. The EUT is powered by a 9V size battery. There are two control trigger in the EUT. When the forward, backward, turn left and turn right trigger is pressed once. It will transmit a different radio signal for receiver to go different direction.

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Refer to the transmitter circuit design, the circuit description is listed below:

- IC1 and associate circuit act as encoder
- Q2, JT and associate circuit act as oscillator
- Q1 and associate circuit act as RF amplifier