

FCCID: NEX-9362-49

1. Operation Description

The equipment under test (EUT) is a transmitter for a RC toy car operating at 49.860MHz. The EUT has two control rods for commanding the forward, backward, left and right movement of the associated receiver.

2. Circuit Description

Q1, Q2 and the associated circuit act as AF-Modulator. Q3 together with 49.860MHz crystal acts as an oscillator. The matching network at output of Q3 is to limit the harmonic content and provide the proper coupling to antenna output.