

# **PRODUCT DESCRIPTION**

The equipment under test is TOY-R/C TRANS ROBOT CAR operation at 49Mhz. The EUT RX is supplied source by new 6AAA 9V battery. The transmitter is a 2 buttons transmitter. The EUT

continues to transmit while button is being pressed, Modulation by IC.

The antenna consists of a 36cm long thin wire. When the antenna receives electromagnetic waves of different frequencies into the air after the principle of electromagnetic induction through internally generated in the antenna strength of different currents, and then into the high-frequency detector circuit for selective frequency amplification, amplified high frequency signal through the low-pass filtered by the filter circuit feed into the IC, modulated by the decoder IC from IC weak signal output pin, into the drive circuit, amplification and then driven by the motor drive circuit rotation, in order to achieve a shark car and back up each function.