

## **Operation Description of transmitter for Dark Green Camouflage German King Tiger**

The transmitter for Dark Green Camouflage German King Tiger superregenerative receiver for Dark Green Camouflage German King Tiger operating at 49.860 MHz which is controlled by a LC circuit. The EUT is powered a 6 x 1.5 V AAA size batteries. There is an ON/OFF switch at the bottom of the tank. Once the tank receive signals, it moves forward, backward, right turn left turn and produce sound.

Refer to the circuit design, the circuit description is listed as follows :

- Q4, Q19 and associated circuit act as IR transmitter
- U3 (ERM1038) and associated circuit act as IR receiver
- Q2, L2 and associated circuit act as oscillator
- U1A, U1B, Q20 and associated circuit act as amplifier
- IC : HE80021M (RX) and associated circuit act as decoder