

### **Operational Description (FCCID:TVL27MRC3CODE)**

The device is the 27MHz transmitter of remote control boat. The transmitter is operating at 27.145MHz and powered by DC 9V (one 6F22 battery). The device having two control lever to control moving forward backward and turn around respectively. The control signals from the two levers are encoded by IC U1 and send the code to modulator, Q1 which is connected to the oscillator X1 and Q2. The modulated signal goes through the RF filter C6 and L1 to transmit out by the extendable antenna.