

**Applicant: Shanghai Dacheng RC Model Co., Ltd.**

**FCC ID: XY4RZT**

## **Operation Description**

U1 is a MCU which is used to finish all the data encode. U2 and C27 set up 5.0V steady voltage circuit which support U1 working. Clock oscillator is made of U1 internal circuit and Y2 surrounding circuit, and it can supply the power for clock pulse. Q2, Q4 and Q5 set up coupling circuit; Q6 and Y1 set up 27.255MHz oscillating circuit; Q1, Q2, R24 and R25 set up modulating amplifier. RF sends out through the antenna.

The antenna is made of metal tube which length is about 100 cm, Common grounding on PCB is not connected to real external ground. Power supply is DC 12V by eight “AA” batteries.