

**Applicant: SHANGHAI CCLEE MODEL CO., LTD.**  
**FCC ID: XWHCF0901**

## **Operation Description**

U1 is a MCU which is used to finish all the data code; ZD1, C1 and C2 set up 4.7V steady voltage circuit which support U1 working; Q1 and Q2 set up coupling circuit; Q3 and Y1 set up 27.145MHz oscillating circuit; Q4, L2, R13 and R14 set up modulating amplifier. RF sends out through the antenna. In addition, Q7, Q8, Q9 and Q10 set up charging circuit.

The antenna is made of metal tube which length is about 110cm, Common grounding on PCB is not connected to real external ground. Power supply is DC 12V by eight “AA” batteries.