

**Applicant: Nortek International (China) Ltd.**  
**FCC ID: S4SM28WC**

### **Operational Description**

X2 the 27.045 and X3 the 27.195 crystal oscillator driver the base of U1 the final/buffer amplifier into the same base (U1) is the modulation provided by U1 , the output of U1 has the matching network consisting of C20,C8, C7 and the C8,C20 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna ground and power source

The antenna is extension, there is no external ground connection .the ground is only that of the printed circuit board. electric current is supplied by 2\*AAA batteries.