## 1. Circuit Description

*Q3 become 27.095MHz crystal oscillator and provide carrier wave for Q4 modulation . Q4 adjust IC output modulated signal to modulation and provide buffer amplifier . The output of Q4 bas the matching network consisting of L2、C12、L3 and C13 . that limit harmonious content and effect the proper coupling of the antenna to the output stage.*
*Q1and Q2 control Q4 bring 27.095MHz crystal oscillator.*

## 2. Antenna ground and power source.

*The antenna consists of a 45cm long telescopic chrome over brass tubing. There is no external ground connection, the ground is only that of the printed circuit board . Electric current is supplied by a 9 Volts Primary storage ceil.*