

1. Circuit Description

Q1 become 27.145MHz crystal oscillator and provide carrier wave for Q2 modulation . Q2 adjust IC output modulated signal to modulation and provide buffer amplifier . The output of Q2 has the matching network consisting of L2, C8, L3 and C9 . that limit harmonious content and effect the proper coupling of the antenna to the output stage.

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 cell.