

1. Circuit Description

U1 generates code modulation signals which are shaped via U2. Q2 become 27.095MHz crystal oscillator and provide carrier wave for Q1 modulation . Q1 adjust IC output modulated signal to modulation and provide buffer amplifier . The output of Q1 has the matching network consisting of L1 .

C2, C3, C4. T1 and T2 . that limit harmonious content and effect the proper coupling of the antenna to the output stage.

U1 PIN10 control Q2 bring 27.095MHz crystal oscillator.

2. Antenna ground and power source.

*The antenna consists of a 85cm 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(6*1.5AA) Volts Primary storage ceil.*