

FCC ID: RPH-RFI-001

Circuit Description

The 914.7 - 916.7MHz crystal oscillator drives the base of IC the final/buffer amplifier. The modulation provided by IC. The output of IC has the matching network consisting of C2 and L62 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

The antenna consists of a 11cm long. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by an adapter. (Input: Volt: 120Va.c., Output Volt: 5Vd.c)