

FCC ID: VEH61020DM07

MODELS: MP620TR / MP610TR

Circuit Description

The 7.6 MHz crystal oscillator drives the base of U7 the final/buffer amplifier. The modulation provided by IC. The output of U7 has the matching network consisting of C50 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 earphone.
There is no external ground connection. The ground is only that of the printed circuit board.
Electric current is supplied by a 1.5 Volt ("AAA" size battery x 1) primary battery

Operation Descriptions

The transmitter is powered by a 1.5 V battery ("AAA" size battery x 1) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 94-96 MHz carrier frequency.

Remarks:

The transmitter is a FM transmitter. The EUT continues to transmit while FM transmission mode is being switched off. Modulation by U7; and type is frequency modulation.