

FCC ID: UU8-TWO6
Circuit Description

The 27.145 MHz crystal oscillator drives the base of transistors final amplifier. The modulation provided by transistors. The output of signal has the matching network consisting of capacitors and inductors 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 12.5cm wire antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 9 Volt ("6LR61/ 6F22" size battery x 1) primary battery

Operation Descriptions

The transmitter is a RF_operating at 27.145 MHz band. The transmitter is powered by a 9V battery ("6LR61/6F22" 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 27.145MHz carrier frequency.

Remarks:

The transmitter is a button transmitter. The EUT continues to transmit while button is being pressed. It is button transmitter, Modulation by Crystal; and type is Amplitude modulation.