

FCC ID: WDZCOCOCALL500

Circuit Description

The modulation provided by IC. The output of IC has the matching network consisting of CH1 and CH2 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 10cm long metal 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 AC/DC Adaptor (In: 100-240Va.c.; Out: 9Vd.c.)

The repeater channel frequency selection can not change the frequency. It is for change the coding only.

Repeater is a device that is intended to re-radiate an input signal; and the repeater (FCC ID: WDZCOCOCALL500) only can use with caller (FCC ID: WDZCOCOCALL300) together.

Operation Descriptions

The transmitter is a repeater operating at 315MHz band. The transmitter is powered by a 9V AC/DC converter (In: 100-240Va.c.; Out: 9Vd.c.) and the transmitter frequency is crystal controlled. The transmitter is a RF-trigger repeater, triggered by received RF signal and re-transmit the received signal. The operation is achieved by different combinations of form pulse modulating signal on the 315MHz carrier frequency.

Remarks:

The transmitter is a RF-trigger transmitter. The EUT start to transmit once. After triggered by a RF signal and cease within 5 second. It is pulse transmitter, modulation by IC; and type is pulse modulation.