

Applicant: Shen Zhen JWL Electronic Co., Ltd.

FCC ID: PVDWM-737

Operational Description

1. Audio

1) MIC AMP(N1)

This amplifies the voice signal of 50Hz~15KHz by about 20dB and makes pre-emphasis features of 50us.

2) Regulator (N3)

This makes standard voltage for MIC AMP and RF part being supplied power from 9V Battery.

3) Adjust the Distortion

Adjust the Distortion with semi-volume can minimize the noise of pre-emphasis compressor and MIC AMP.

2. RF

1) Oscillator (VT3)

This is a transmitting carrier oscillator that modulates the voice signal supplied for Audio to frequency and then oscillates third-time overtone and becomes standard oscillation for RF Carrier.

2) MULTI (VT4)

This multiplies the frequency oscillated from Q1.(FREQ: multiplied freq2uency)

3) MULTI (VT5)

This also multiplies the frequency multiplied in Q2.(FREQ: multiplied frequency)

4) Buffer

This doesn't make the antenna affect the internal circuit when connecting the antenna and final carrier multiplied from VT6.