

Operating Description of Receiver

The received signal of 311MHZ from C1 is amplified by Q2 which is 1st. RF amplifier and C3 is output of this amplifier.

This signal is supplied to Q3 circuits.

The Q3 circuits is Local Oscillator, Mixer and Detector.

The detected signal is come out from L2 and amplified 300 times by OP AMP U1A at first and amplified by U1B at pin No. 2.

The final amplified detected signal is come out from pin No.1 of U1B.