Circuit Illustration Of RF Receiver

Model: P-50

High frequency receiver circuit is composed of RF input, Oscillator with mixing part and OP-AMP.

RE received by antenna is amplified to C2 and C1 input part.

The composition of Q1 and filter circuit is composed of R1,R2, R3,R4,R5 & Q2 is amplified by C6 and receiving frequency is Confirmed by L1and C5.

The adjustment of receiving frequency is controlled by L1.

The received RF signal is connected to C2 and mixed after Q2 input. L2 is a high-frequency choke coil. The deteciton of modulation signal is amplified by U4A (of IC) input and C11 filtering through RP.

Amplifying signal is received by U4B(of IC) input through C14 and is forming the frequency wave. Also this signal is operated by Input program of U1(of IC) of final receiving data through Number 18 pin.