

88000 Circuit Description

1. OSC is the local oscillation circuit of TX, which composed of Q3,C23,C21,C22,T6,R13,R14,R15 and X2.
2. AF AMF is the low frequency amplifier circuit, composed of IC1,C14,C15 and etc.
- 3.Rf is the high frequency amplifier circuit, composed of Q1,T1,T2,C2,C3,C5,R1 and R2.
- 4.The circuits composed of IC1,T4,T5 and C9 defined by MIX,IF AMP,AGC,SQUELCH and DET circuit.
5. OSC is the RX local oscillation circuit, composed of Q2,C7,C8,X1,R4 and R5.
6. Electronic signal convert to speech by SP.
7. MIC is pickup audio signal to turn the audio signal into electronic signal,

The frequency responsible rang of the MIC is 20Hz~20KHz.

Because frequency responsible rang of the AF AMF(TA7613) is 22Hz~21KHz, so the TX modulation frequency responsible mustn't be over 200KHz.