

Circuit Description

RF part:

The signal received by ANT A or ANT B is selected by the frequency-selection circuit which is comprised of D4, IC13, IC11 and U10, after that the selected signal is amplified by Q5, then the MIX, the crystal of which is from 55.817MHz ~ 67.933MHz, pick out 10.7MHz IF signal. The IF signal is amplified by Q3 and demodulated by U4.

AF part:

The demodulated audio signal is amplified by U1 and U7, after volume controlled or amplified, the signal is outputted.