

Technical Description

Model: T239'X'

Date: December 23, 2002

The T239'X' is AM/FM with 7 Channel Instant weather Band as follow:

Ch1 – 162.475MHz

Ch2 – 162.450MHz

Ch3 – 162.400MHz

Ch4 – 162.425MHz

Ch5 – 162.525MHz

Ch6 – 162.500MHz

Ch7 – 162.550MHz

FM Band:

Signal passed from antenna into the FM Band –RF Amp. Q2, Mixer Q1 and IF 10.7MHz through T1 / T2 into U1 for IF Amp., demodulation and Audio Amp. to Speaker.

Weather Band:

T239 Signal passed from antenna into the Weather Band- RF Amp. Q9, Mixer Q10 together with Weather Band Oscillator Q8 and used SW5 for Channel selection, the IF 455KHz was Amplifier and demodulated by Q11, Q12, Q13 & Q14 passed the Instant Weather Band SW3 in the U1 Audio Amplifier to Speaker, at the same time FM band mute.