

OPERATIONAL DESCRIPTION  
of the 3250 receiver

RF enters the DIVERSITY ANTENNA SYSTEM ( ANT1 & ANT2 ) DIODE SWITCHES ( CR7 & CR8 ) select the appropriate antenna under the control of the MICROPROCESSOR ( U6 ) FILTER ( FL3 ) provides selectivity, and LNA ( U14 ) improves the sensitivity. RECEIVER CHIP ( U 1 ) performs all the basic receiver functions, including on-board L.O. with FDE Y2. U3, U4 perform the basic signal processing of the raw base-band data.