

CIRCUIT OPERATION

The RF signal is fed from switched diversity antennas (ANT1, ANT2) via SW1 to the LNA composed of FL1 and mmic U3 , from there it is fed into a single conversion receiver chip U4. IC U4 contains a rf amp., mixer, phase locked L.O. (locked to Y1), IF amplifiers (fed by FL2) the raw base-band is fed into U1 and U11 for conditioning prior to processing by the microprocessor U5.