

LIST OF ILLUSTRATIONS (Continued)

- FIGURE 5-11(h) 90-DAY DELTA-V CONTOURS (FOR 270° DRIFT)
 FIGURE 5-11(i) 120-DAY DELTA-V CONTOURS (FOR 270° DRIFT)
 FIGURE 6-1 CRYSTAL VIDEO RECEIVER (CVR) SIMPLIFIED
 BLOCK DIAGRAM
 FIGURE 6-2(a) IFM WITH DELAY LINE DISCRIMINATOR USING
 PHASE DETECTOR, SIMPLIFIED BLOCK DIAGRAM
 FIGURE 6-2(b) IFM WITH DELAY LINE DISCRIMINATOR - PHASE
 DETECTOR AND ORTHOGONAL OUTPUTS, SIMPLIFIED BLOCK
 DIAGRAM
 FIGURE 6-2(c) IFM WITH DELAY LINE DISCRIMINATOR USING ENVELOPE
 DETECTION
 FIGURE 6-2(d) IFM WITH DELAY LINE DISCRIMINATOR USING ENVELOPE
 DETECTION AND GENERATING ORTHOGONAL OUTPUTS
 FIGURE 6-2(e) IFM, EXAMPLE OF FOUR PARALLELED DELAY LINES TO
 RESOLVE FREQUENCY AMBIGUITY
 FIGURE 6-2(f) IFM USING TWO FILTER DISCRIMINATOR, SIMPLIFIED
 BLOCK DIAGRAM
 FIGURE 6-3(a) FIXED TUNED WIDEBAND SUPERHET
 FIGURE 6-3(b) SCANNING SUPERHET
 FIGURE 6-3(c) SCANNING SUPERHET WITH TRF PRESELECTOR
 FIGURE 6-3(d) SUPERHET SCANNING TIME DIAGRAMS
 FIGURE 6-3(e) NARROWBAND SET-ON SUPERHET
 FIGURE 6-4(a) MICROSCAN RECEIVER, SIMPLIFIED EQUIVALENT CIRCUIT
 FIGURE 6-4(b) MICROSCAN RECEIVER, SIMPLIFIED BLOCK DIAGRAM AND
 TIME FREQUENCY DIAGRAMS
 FIGURE 6-5 THREE STAGE CHANNELIZED RECEIVER, SIMPLIFIED BLOCK
 DIAGRAM
 FIGURE 6-6(a) BRAGG CELL RECEIVER, SIMPLIFIED BLOCK DIAGRAM
 FIGURE 6-6(b) BRAGG CELL RECEIVER, EQUIVALENT CIRCUIT
 FIGURE 6-6(c) BRAGG CELL RECEIVER, DYNAMIC RANGE
 FIGURE 6-7 FREQUENCY, BANDWIDTH AND TIME DELAY LIMITS FOR
 DISPERSIVE AND NON-DISPERSIVE SAW AND IMCON DELAY
 LINES
 FIGURE 6-8 COARSE CHANNELIZER FOLLOWED BY IFM
 FIGURE 6-9(a) COARSE CHANNELIZED USED TO STEER SUPERHET
 FIGURE 6-9(b) COARSE CHANNELIZER USED TO STEER DOWNCONVERTER/
 COMPRESSIVE RECEIVER
 FIGURE 6-10 NARROWBAND SUPERHET SET-ON BY COMPRESSIVE
 RECEIVER
 FIGURE 6-11 NARROWBAND SUPERHET SET-ON BY WIDEBAND IFM
 FIGURE 6-12 PROPOSED ELECTROMAGNETIC RECEIVING SYSTEM FOR
 PAXSAT
 FIGURE 6-13 ANTENNA PATTERN MEASUREMENT (POWER LEVEL VERSUS
 TIME)