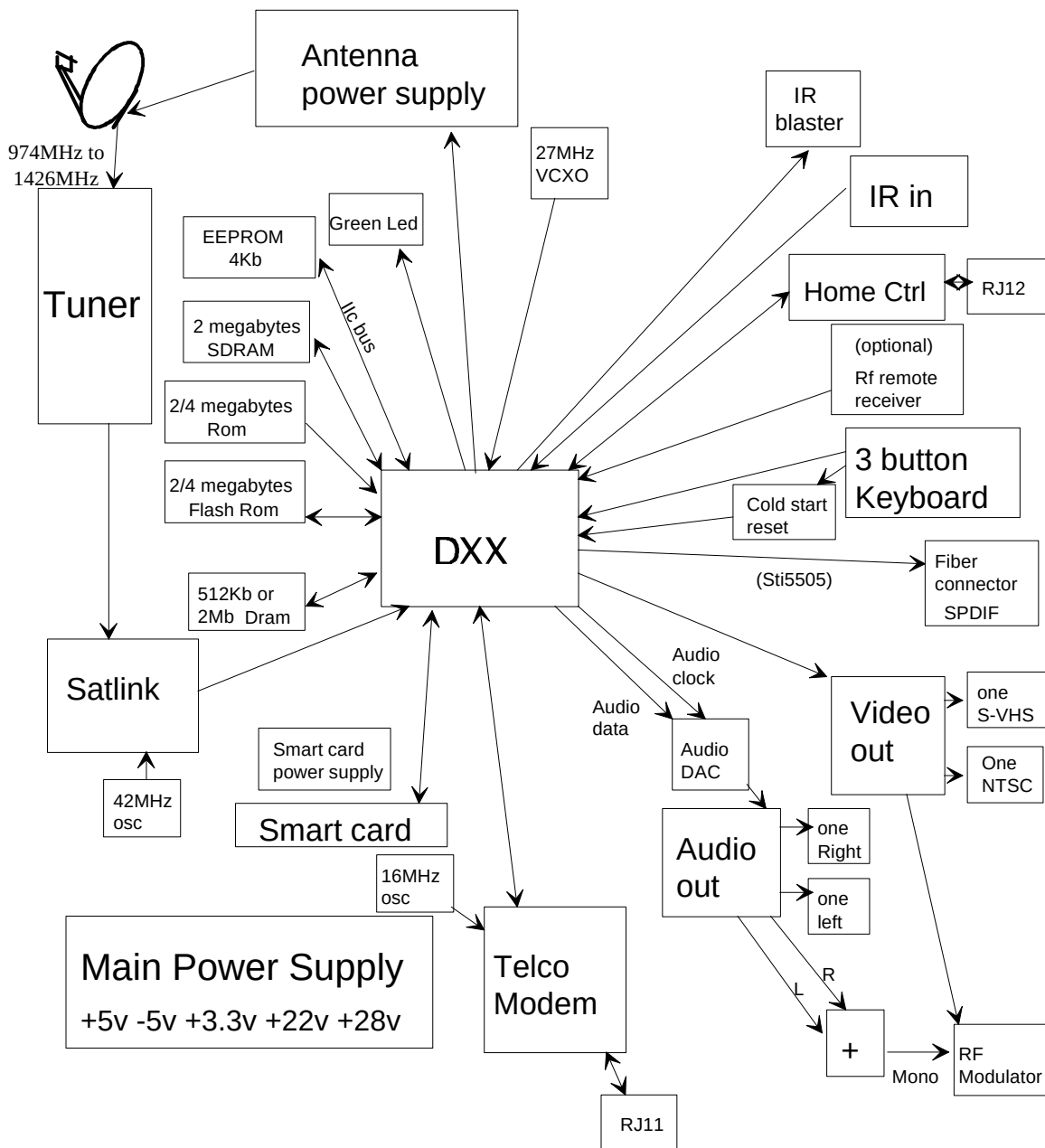
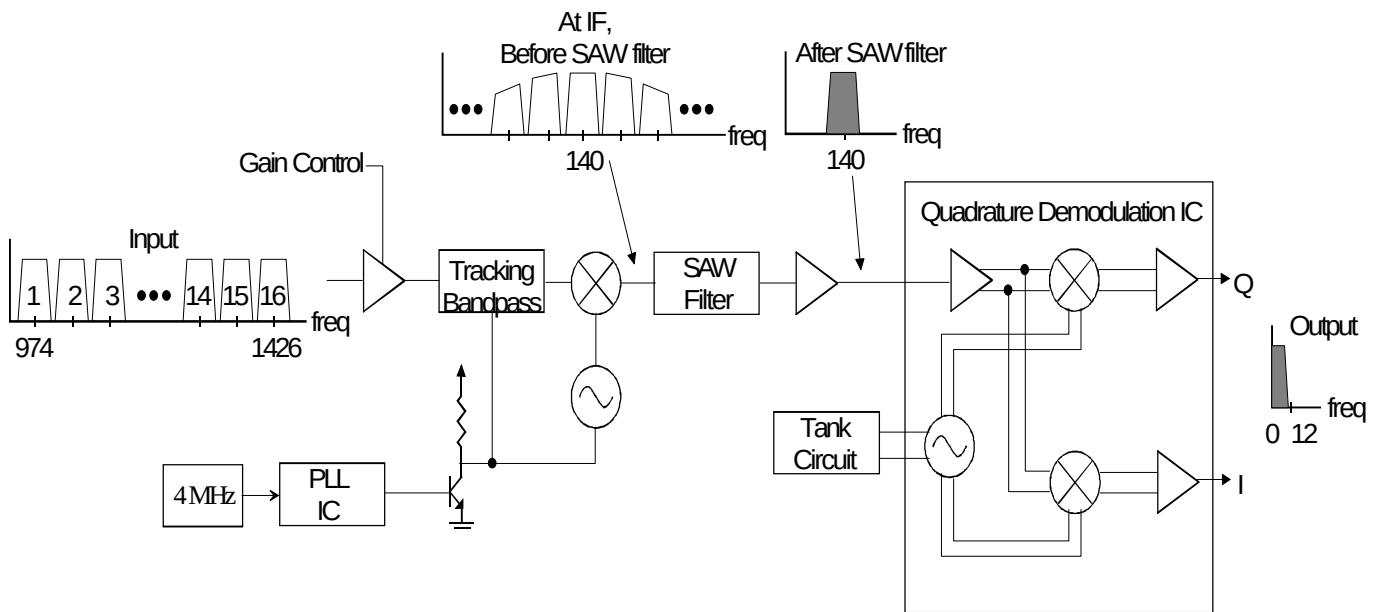


Exhibit 4: Block Diagrams

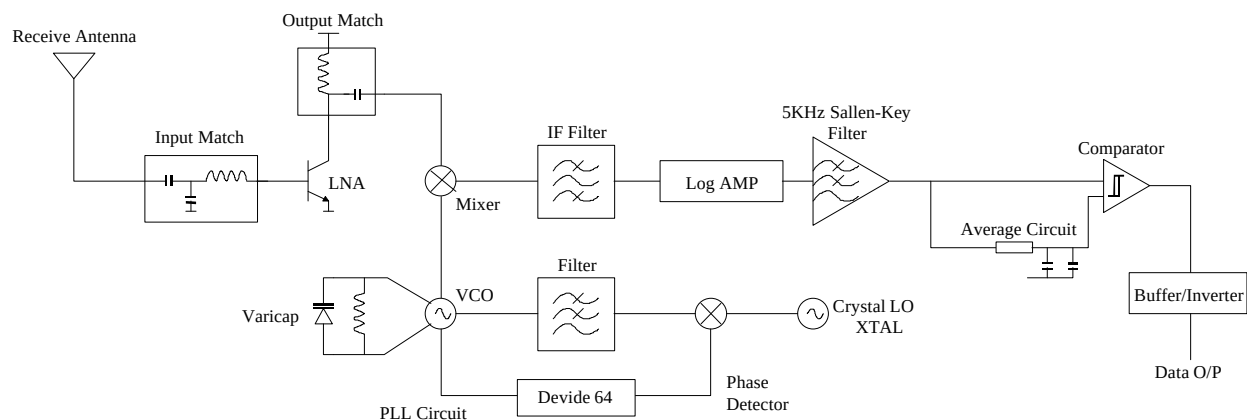
DBS4



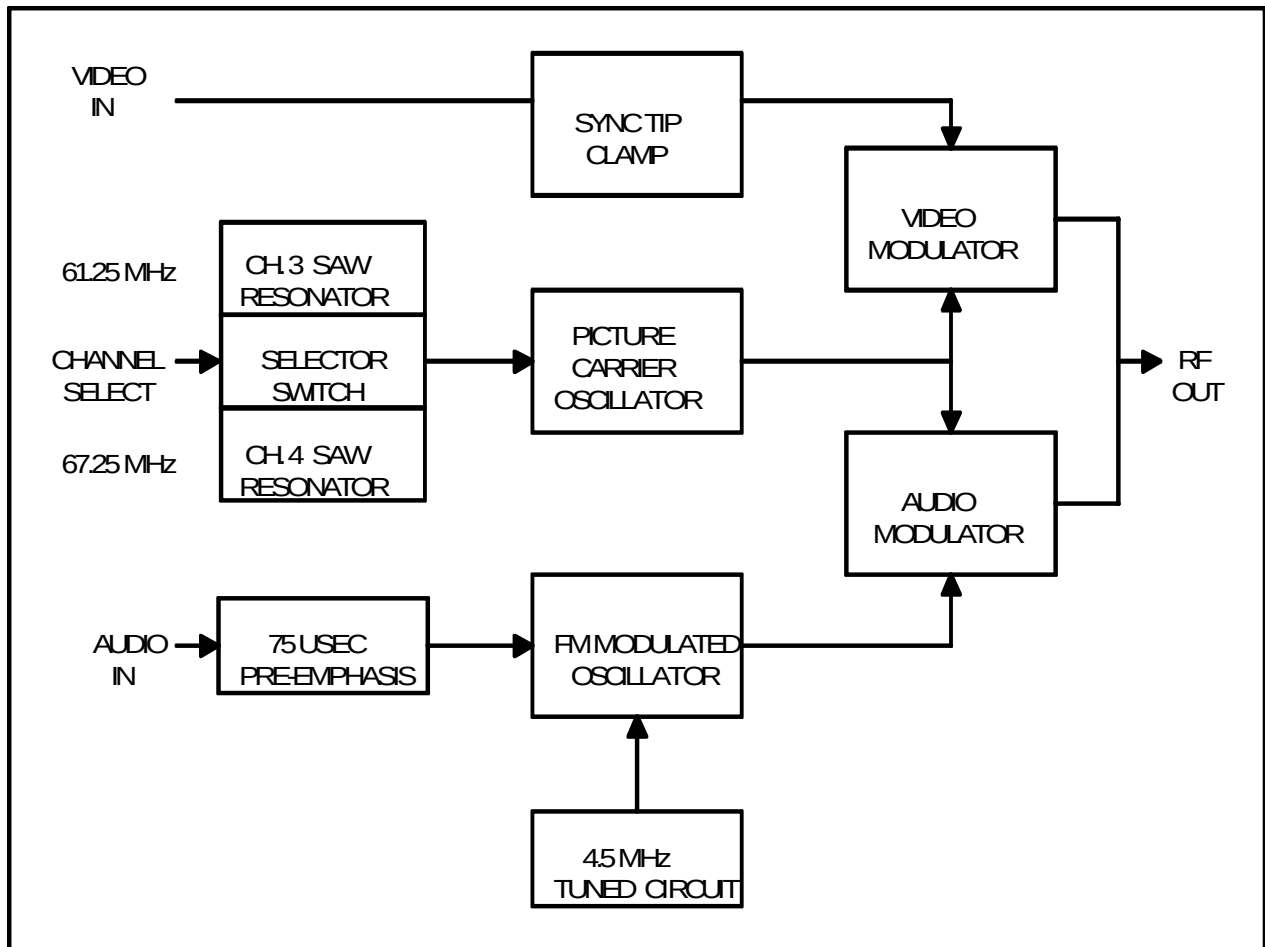
System Block Diagram



Tuner Block Diagram



Crystal freq = 4.816 MHz
LO Freq = 308.224 MHz
RF Remote Receiver Block Diagram



CH 3-4 MODULATOR