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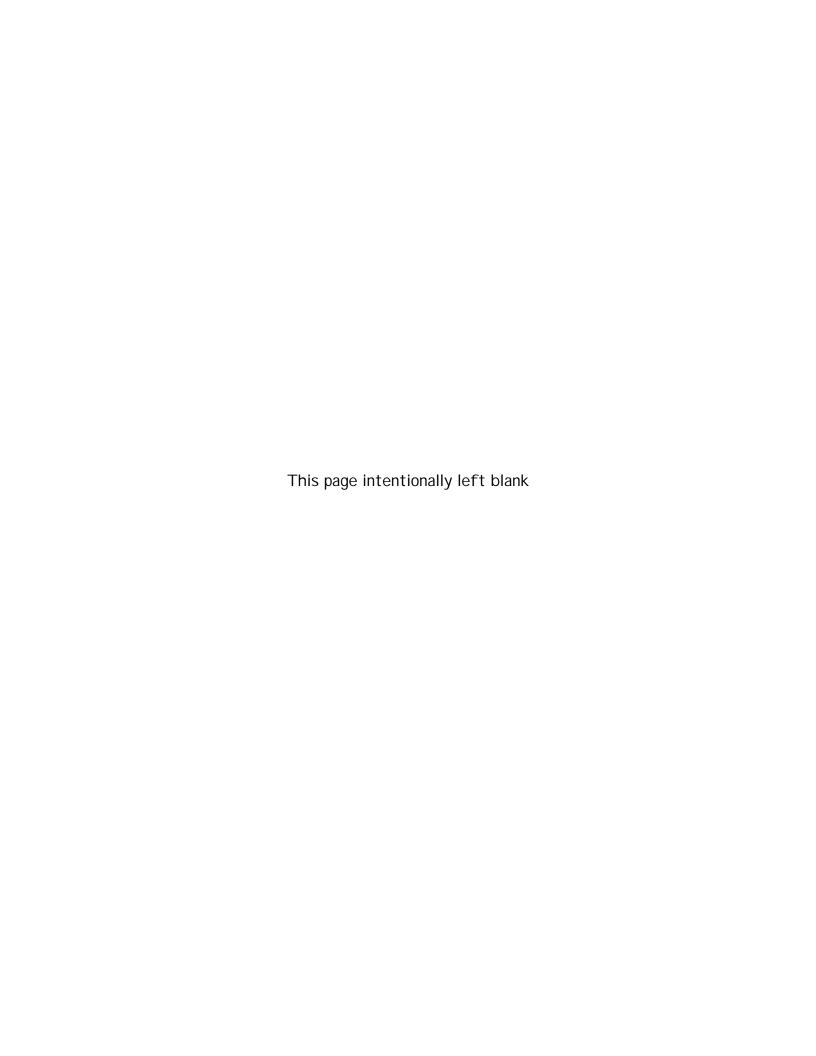
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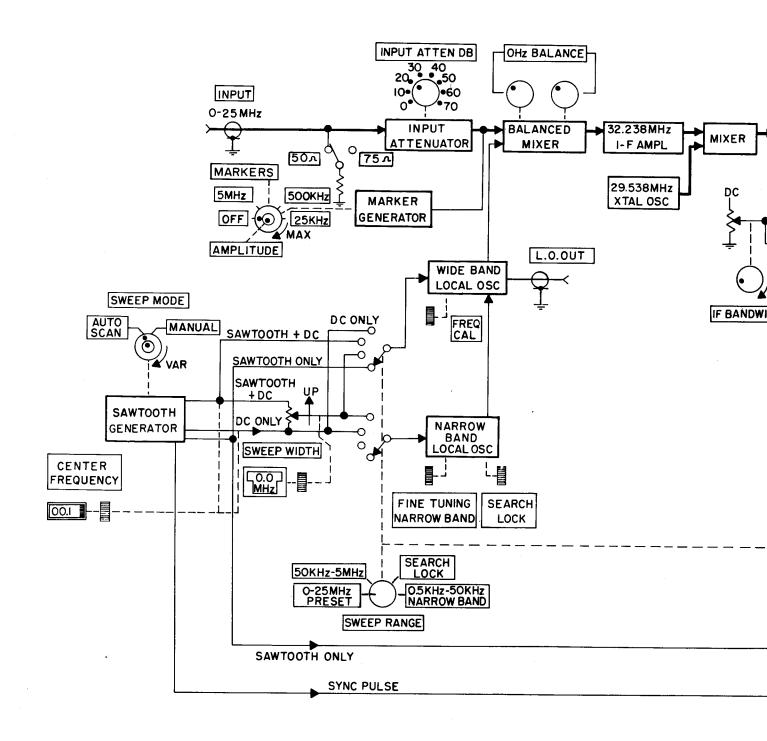
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SECTION V SCHEMATIC DIAGRAMS

Section V Schematic Diagrams



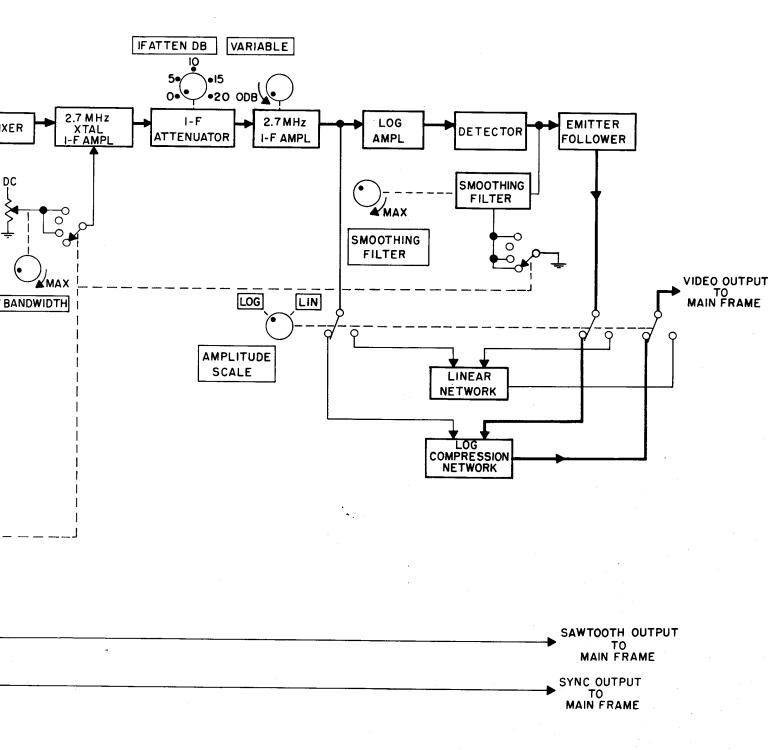
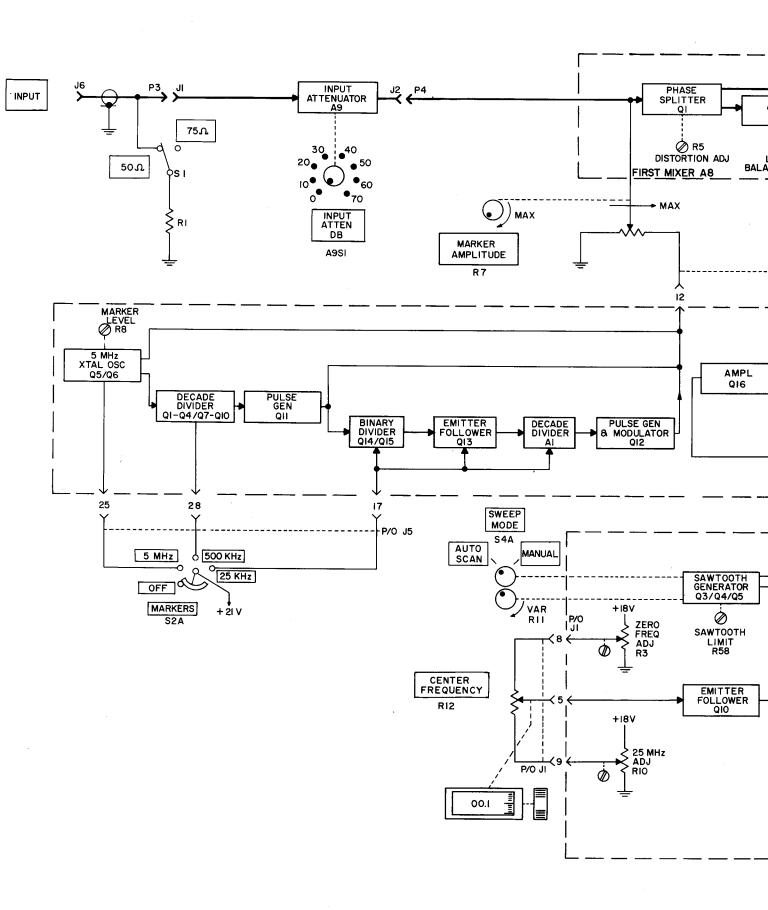
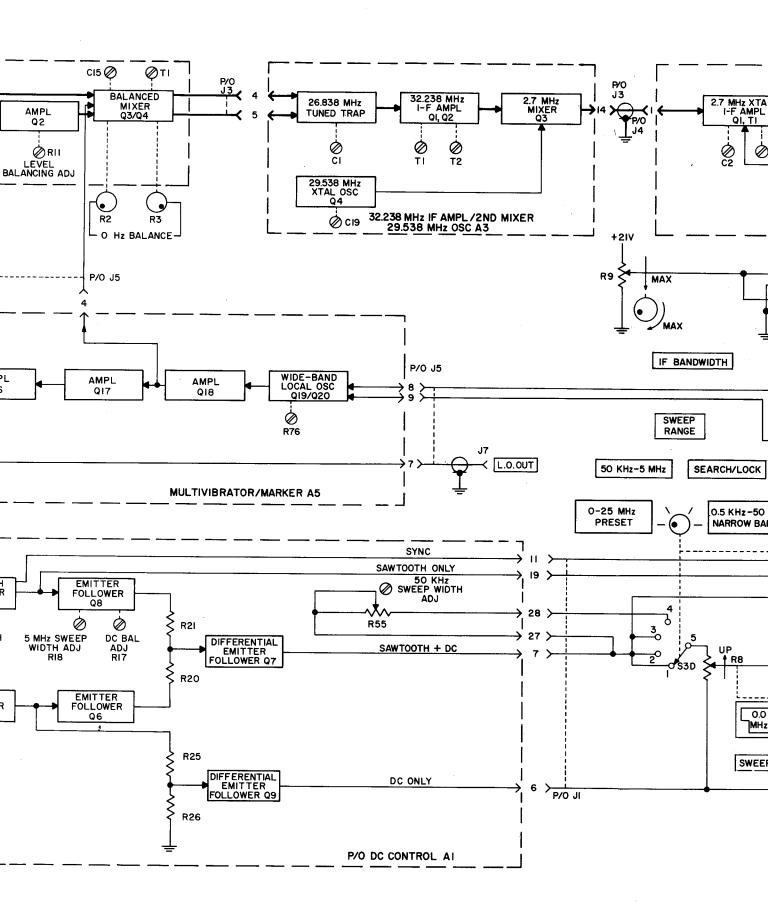
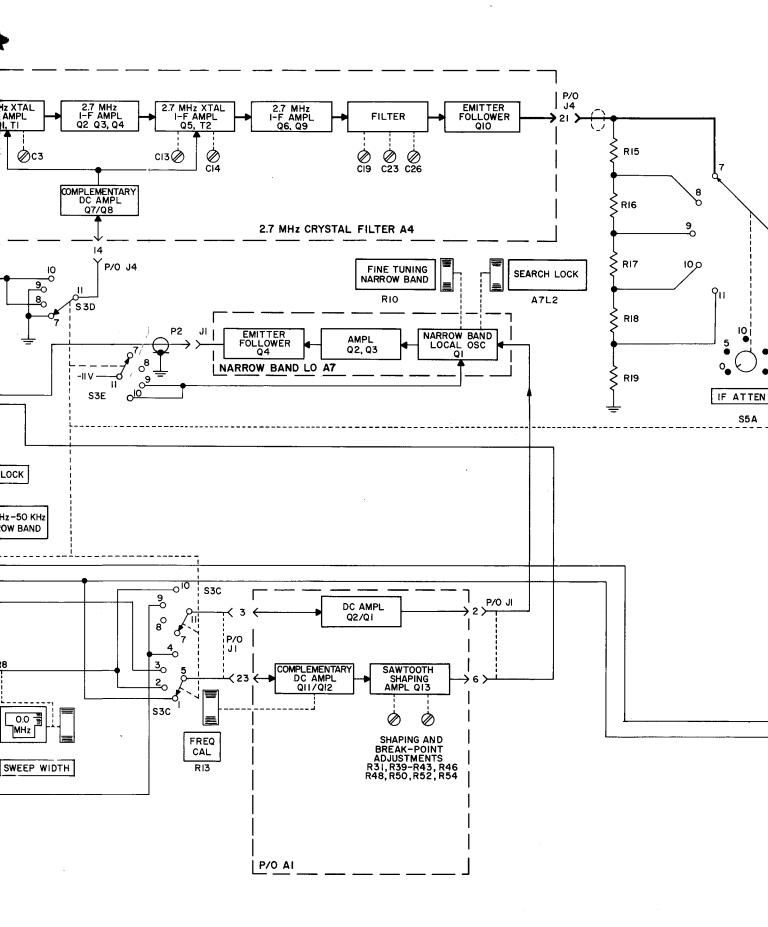
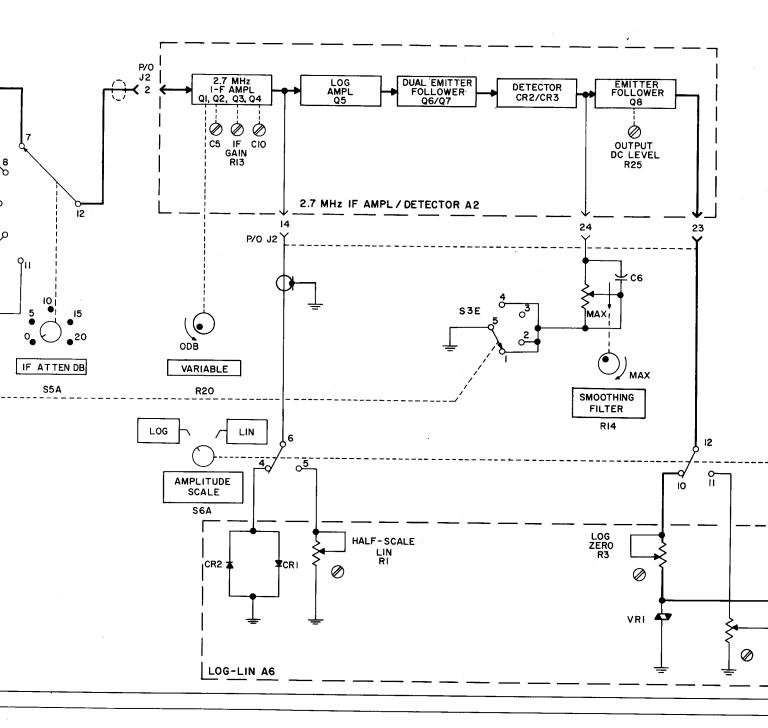


Figure 3-1. Video Module Model VR-4, Simplified Block Diagram









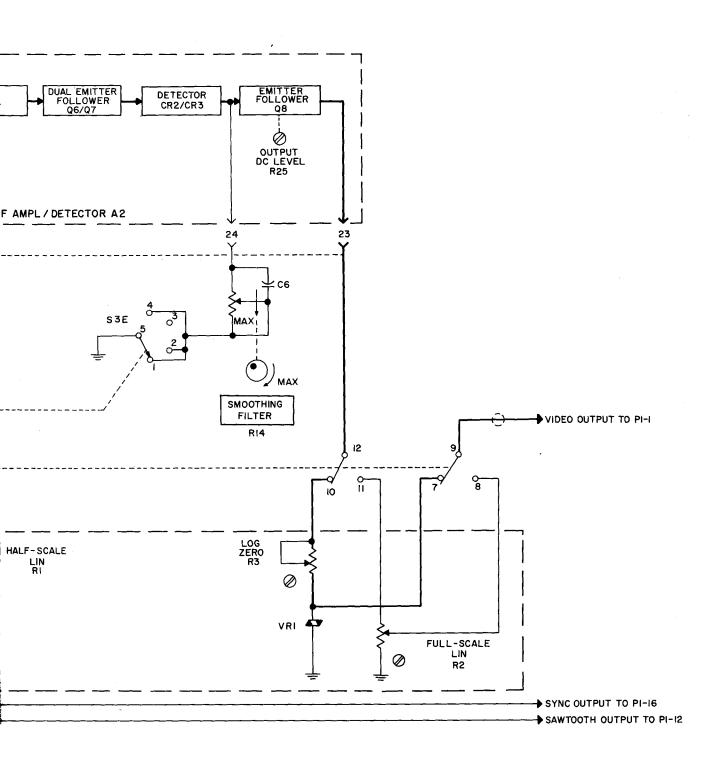
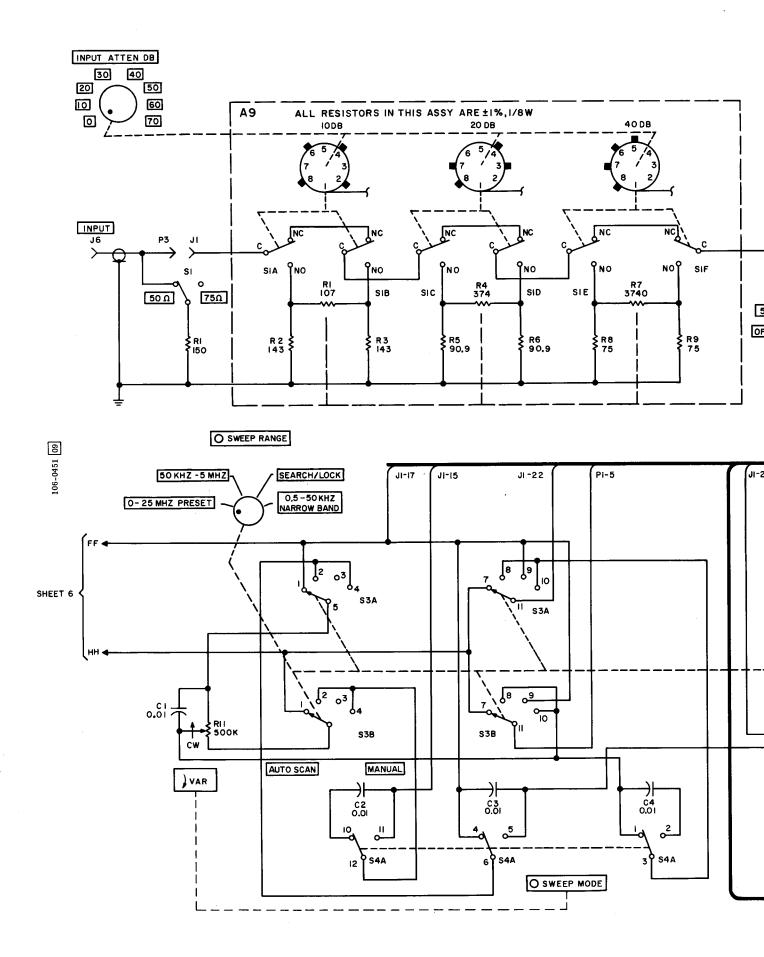
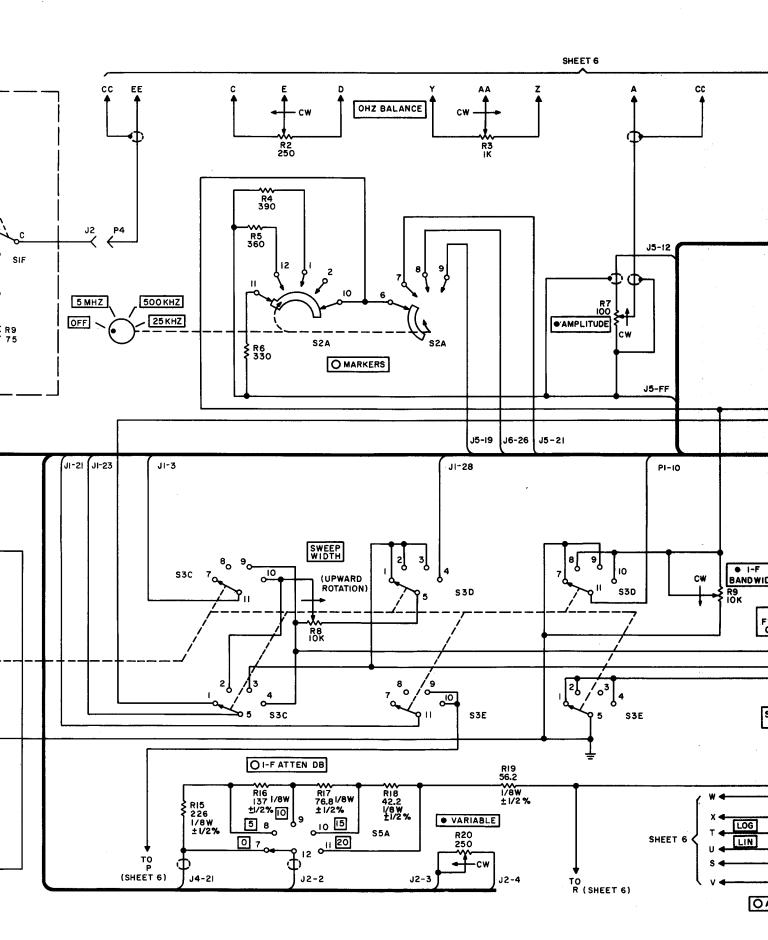
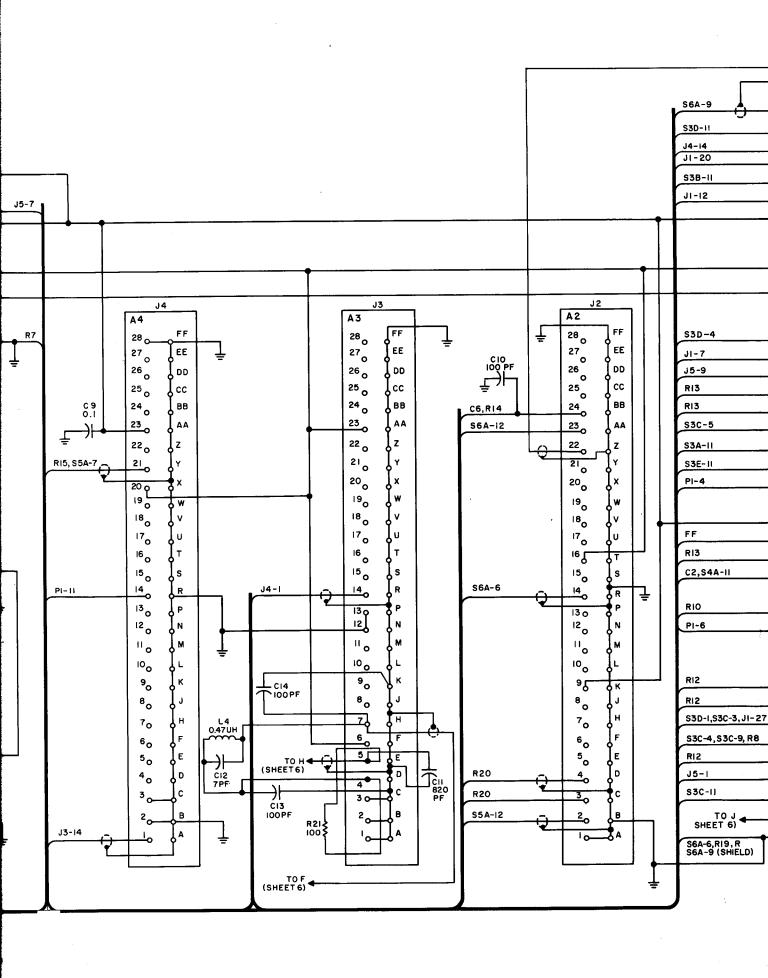
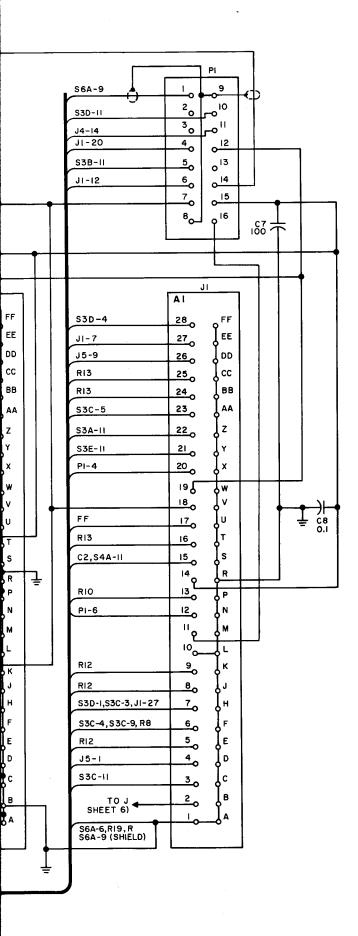


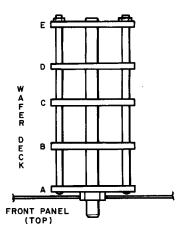
Figure 3-2. Video Module Model VR-4, Detailed Block Diagram

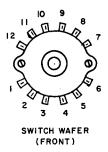








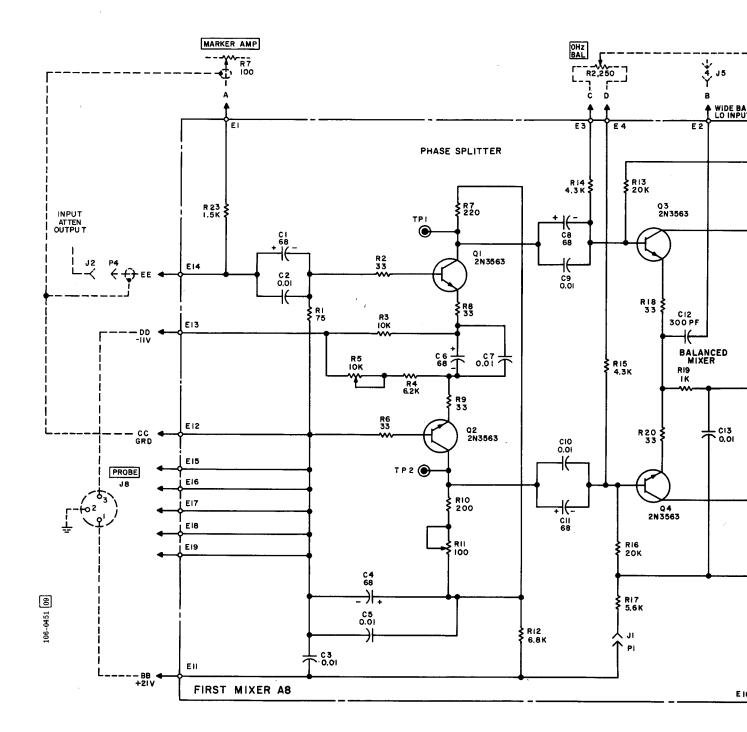


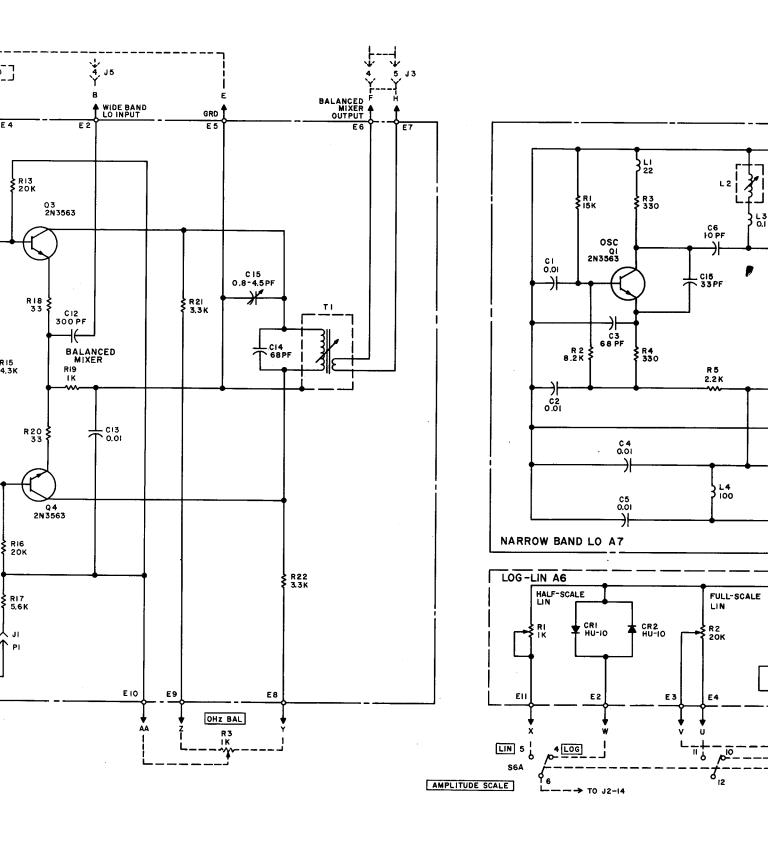


NOTES:

- I, ALL WAFER SWITCHES ARE DESIGNATED AS SHOWN ABOVE. 2. UNLESS OTHERWISE SPECIFIED: ALL RESISTORS ARE IN OHMS.
- 3. ALL CAPACITORS ARE IN MICROFARADS.
- 4. ALL INDUCTORS ARE IN MICROHENRIES.
- 5. INDICATES FRONT PANEL MARKINGS.

Figure 5-1. Video Module Model VR-4, Schematic of Interconnection





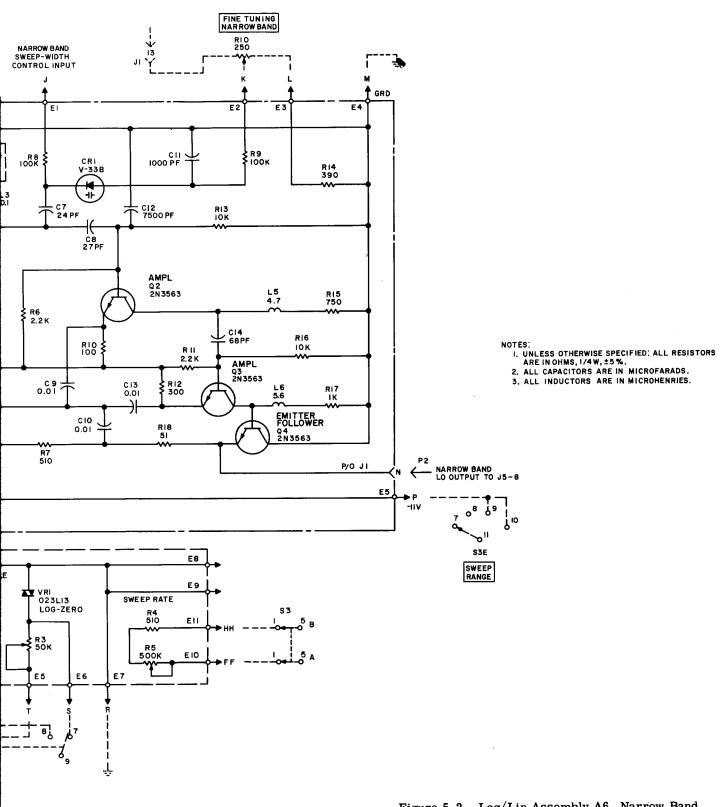
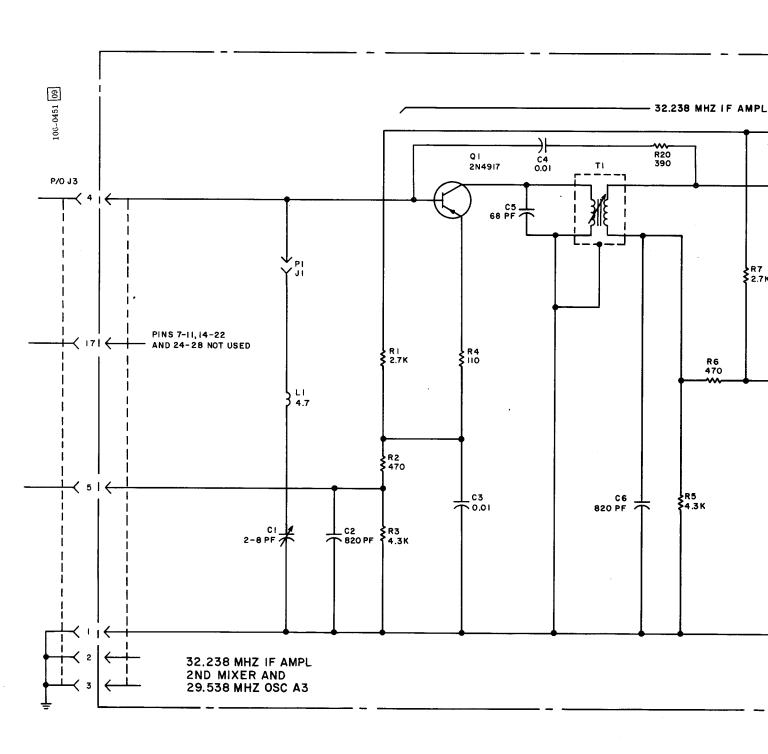
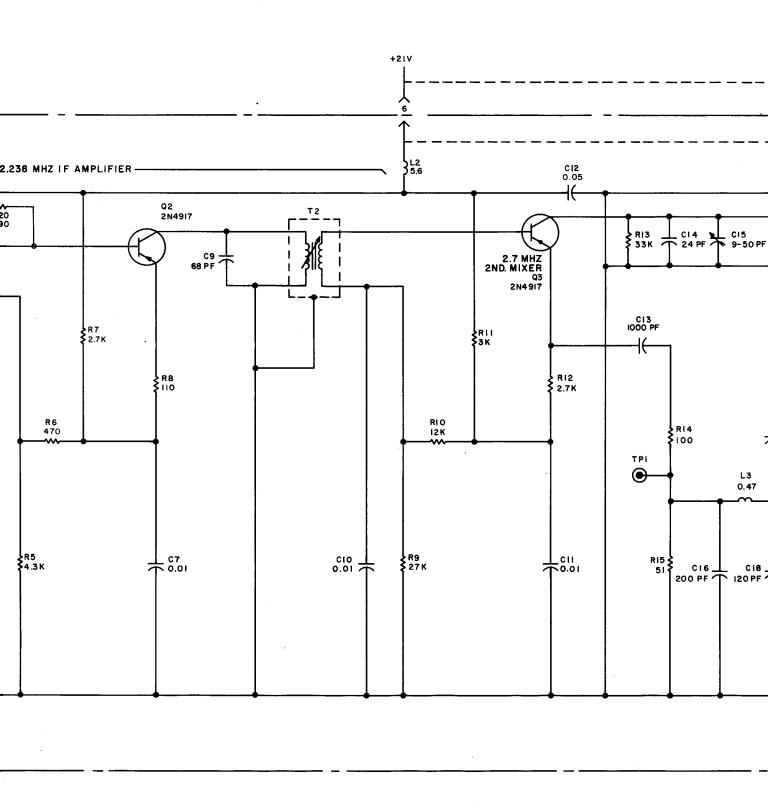
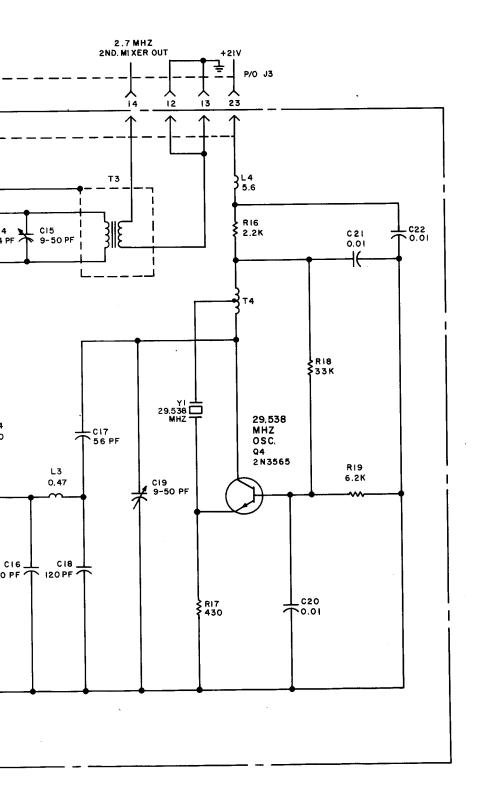


Figure 5-2. Log/Lin Assembly A6, Narrow Band Local Oscillator Assembly A7, and First Mixer Assembly A8, Schematic Diagram



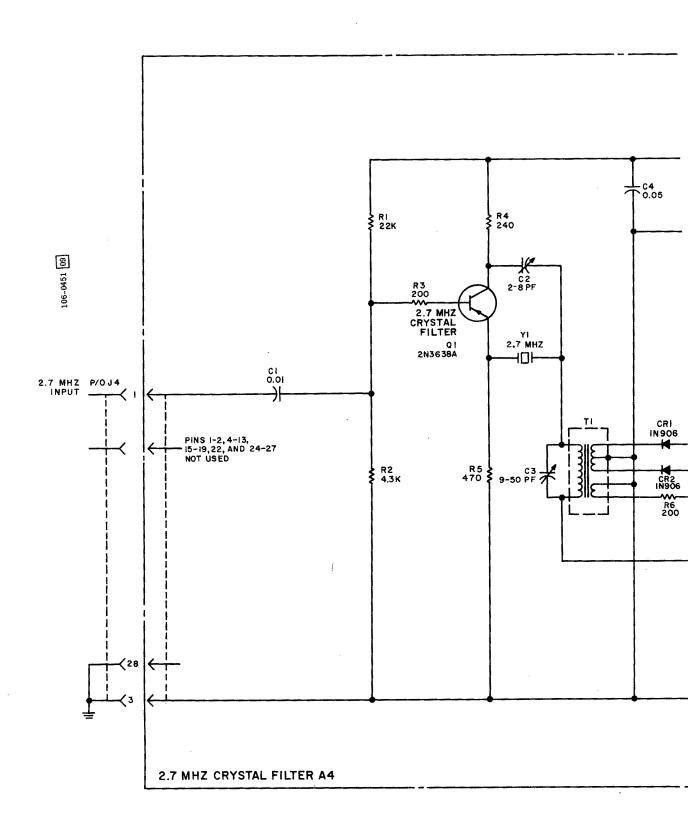


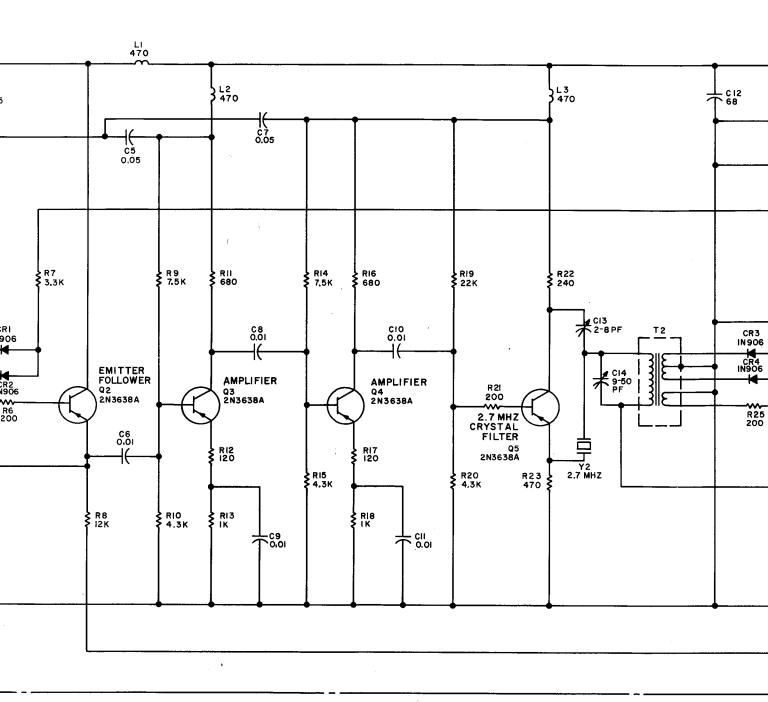


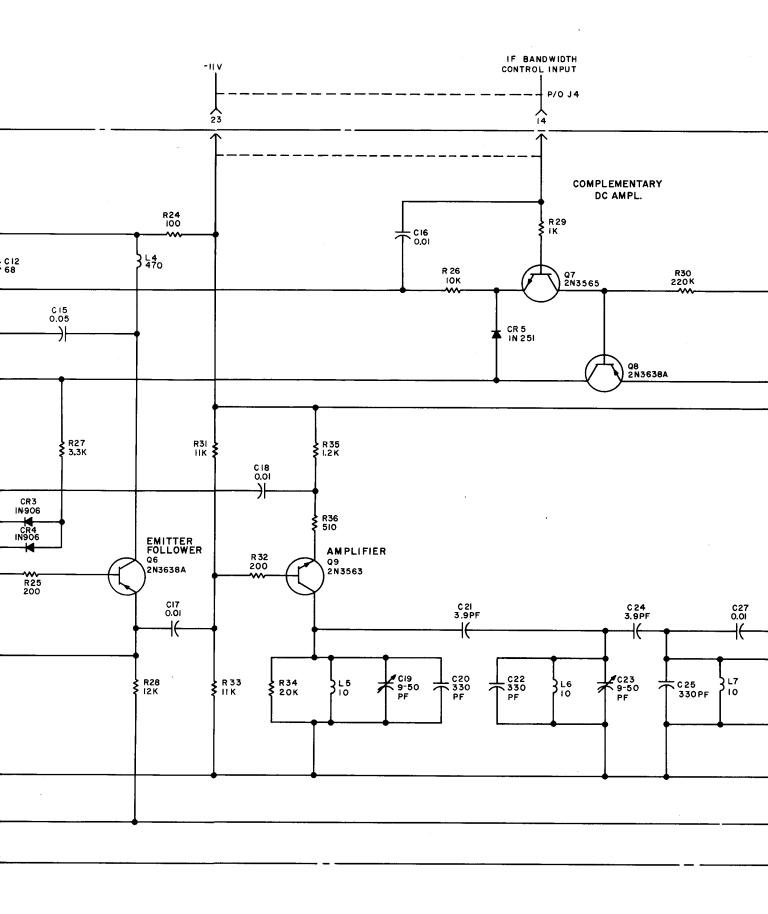
NOTES:

- I. UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE IN OHMS, 1/4 W, ±5%.
- 2. ALL CAPACITORS ARE IN MICROFARADS.
- 3. ALL INDUCTORS ARE IN MICROHENRIES.

Figure 5-3. 32.238 MHz I-f Amplifier/Second Mixer/29.538 MHz Oscillator Assembly A3,







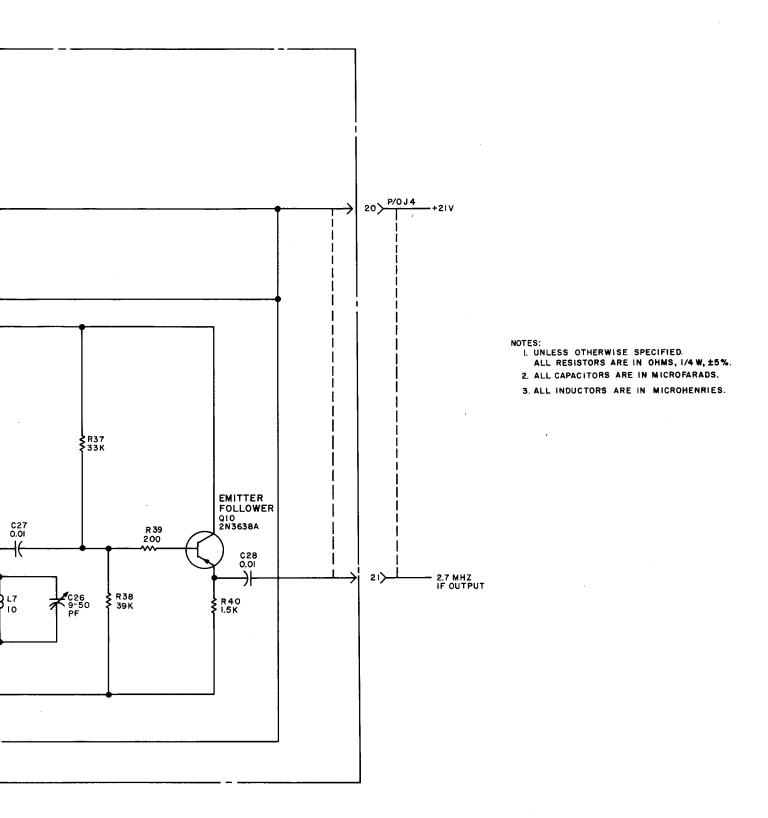
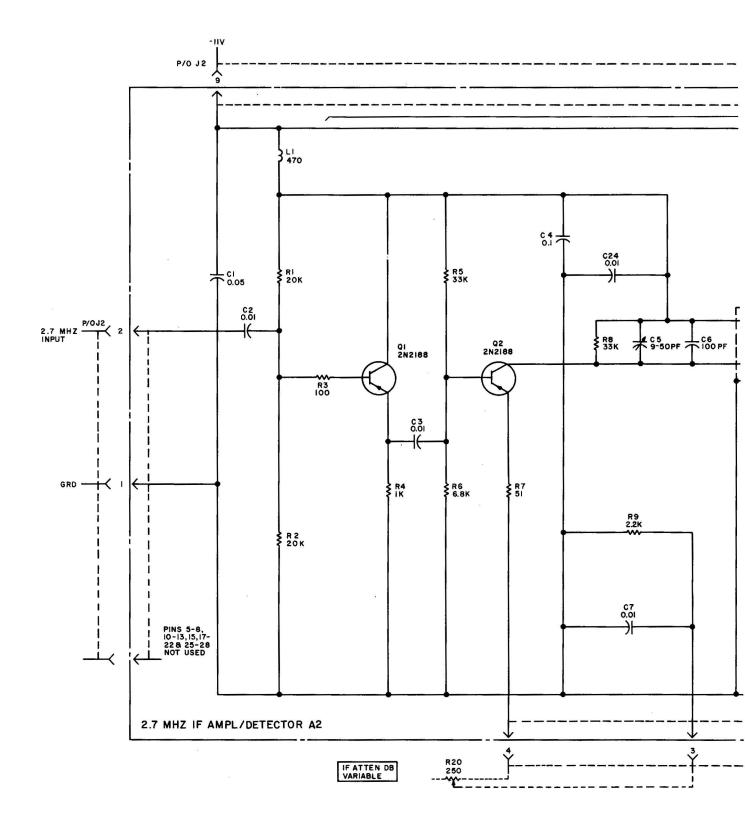
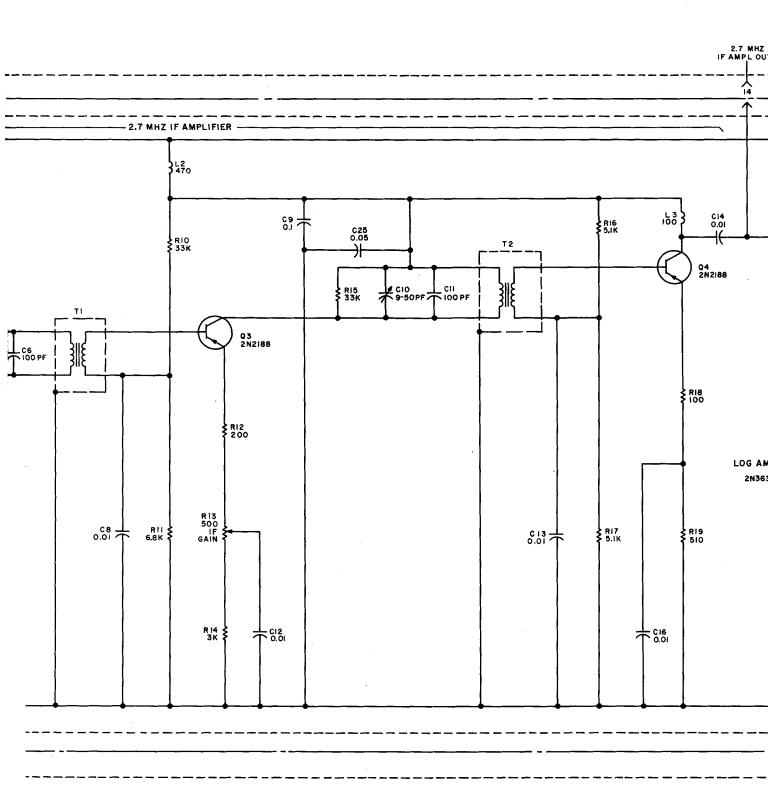


Figure 5-4. 2.7 MHz Crystal Filter Assembly A4,





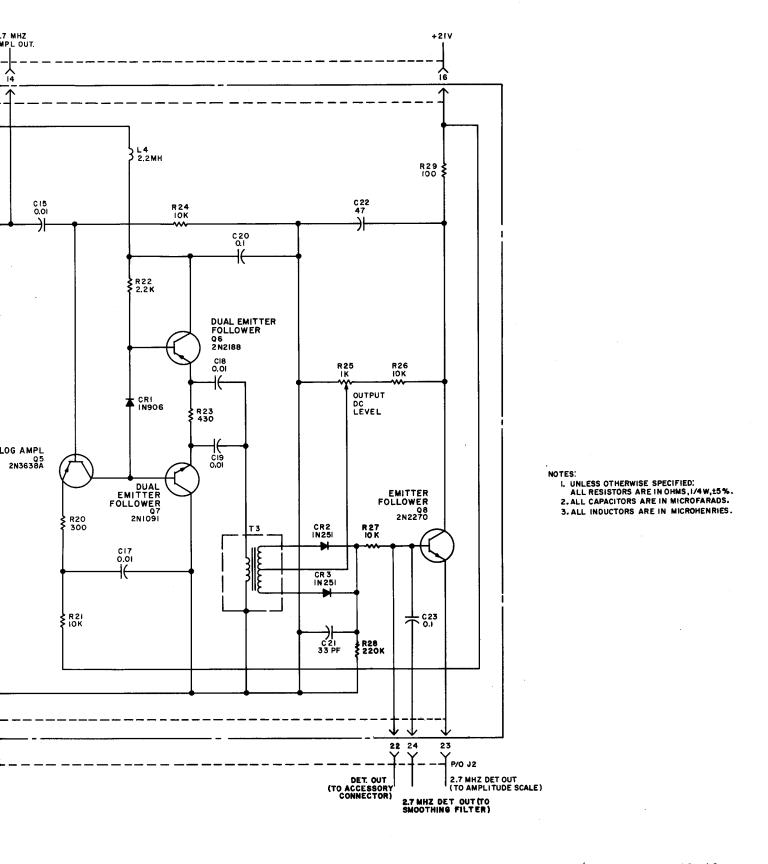
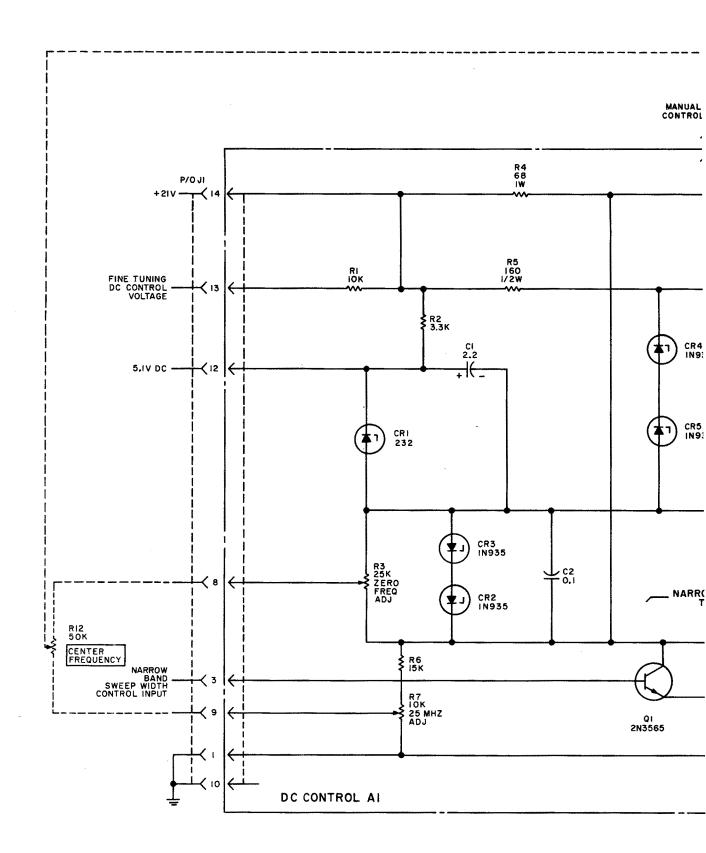
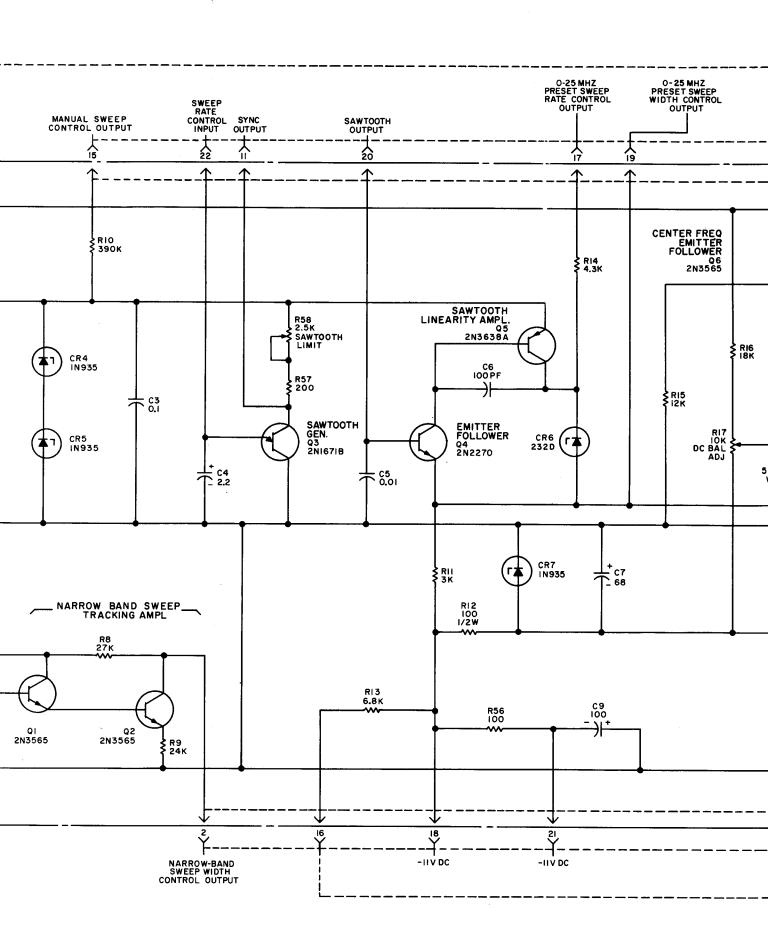
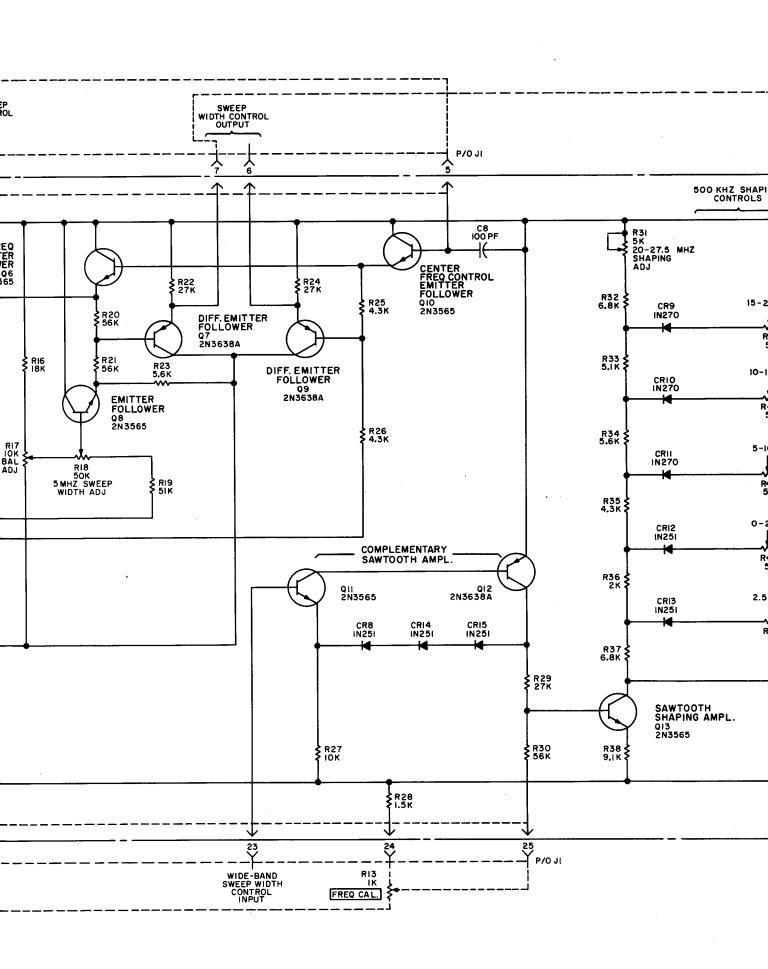


Figure 5-5. I-f Amplifier/Detector Assembly A2, Schematic Diagram







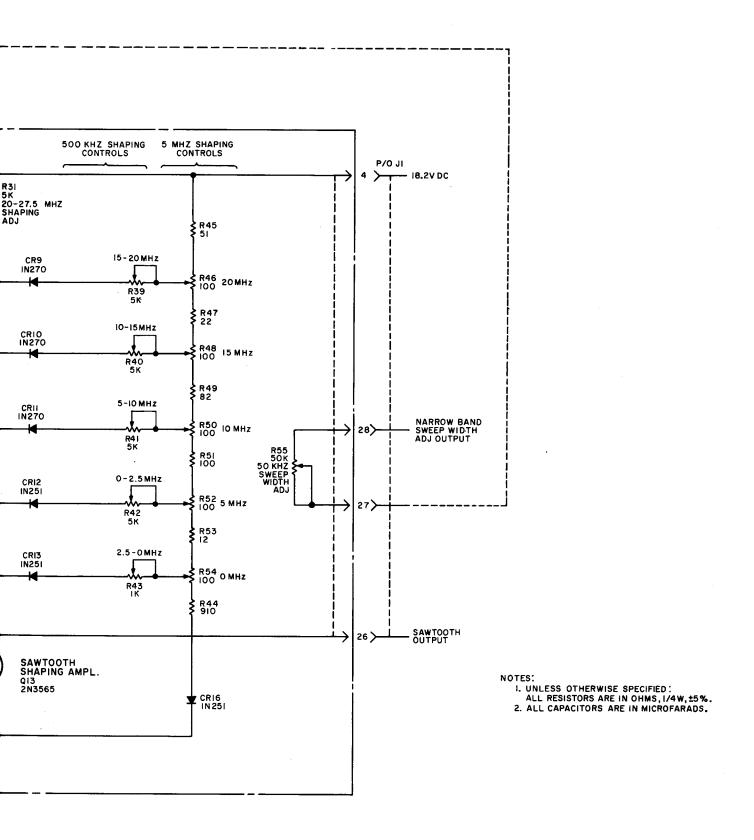
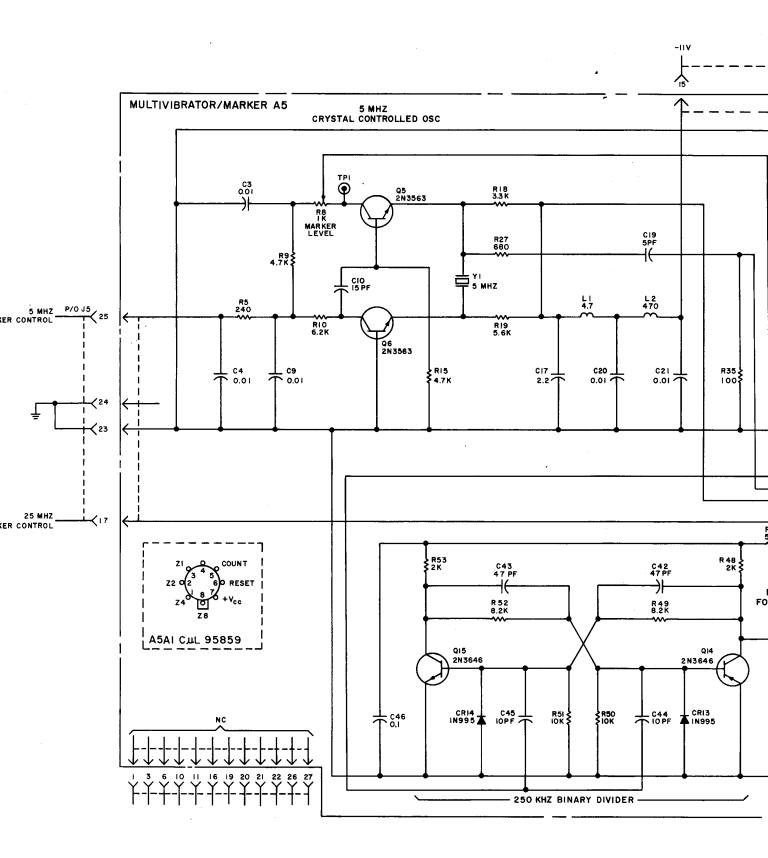
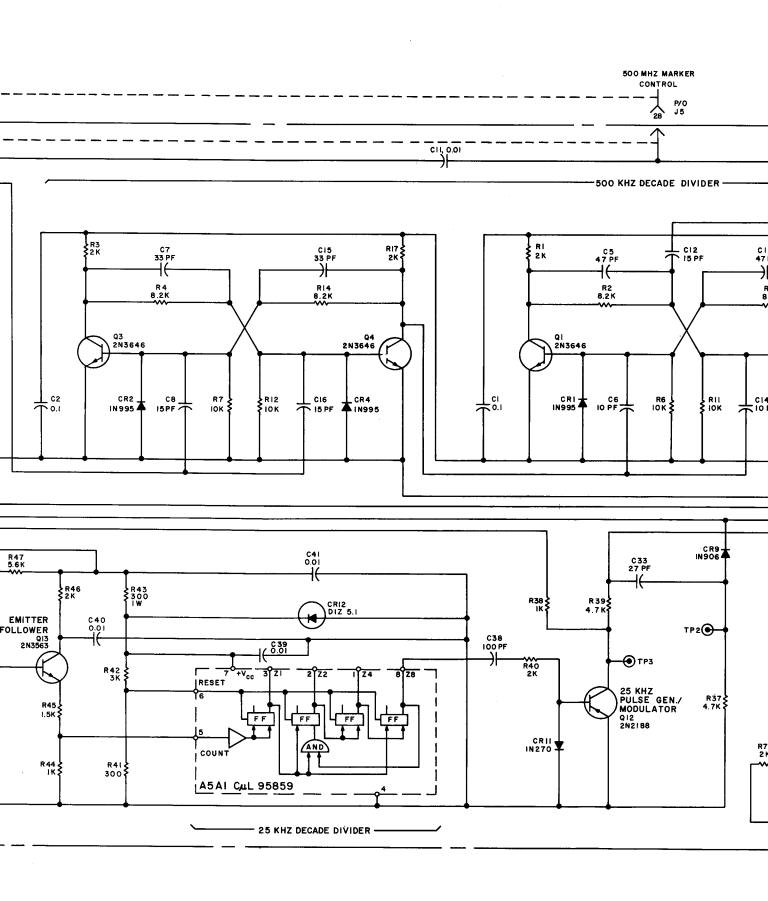
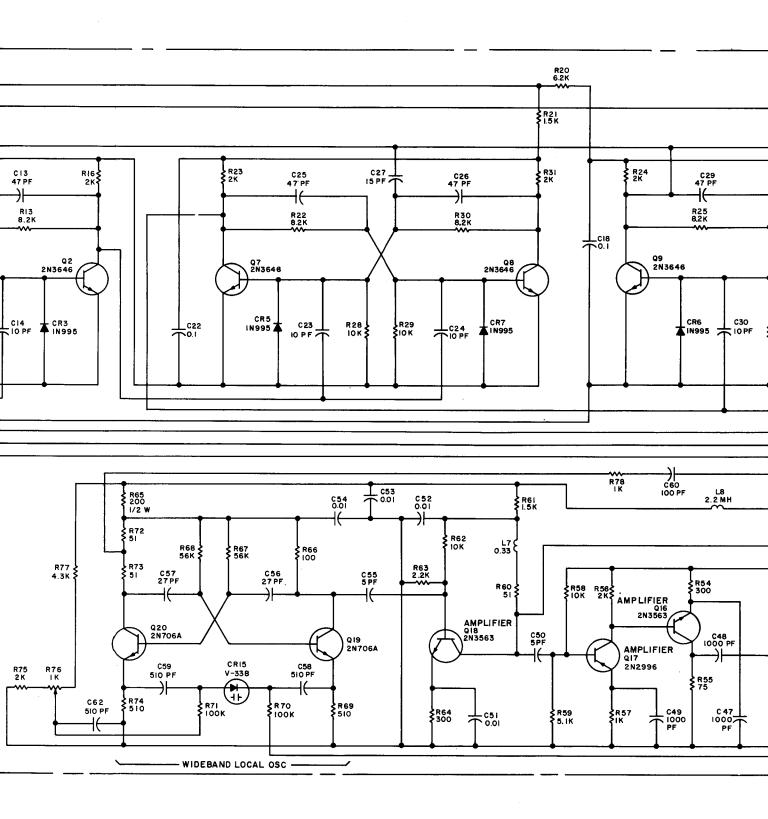


Figure 5-6. DC Control Assembly A1, Schematic Diagram







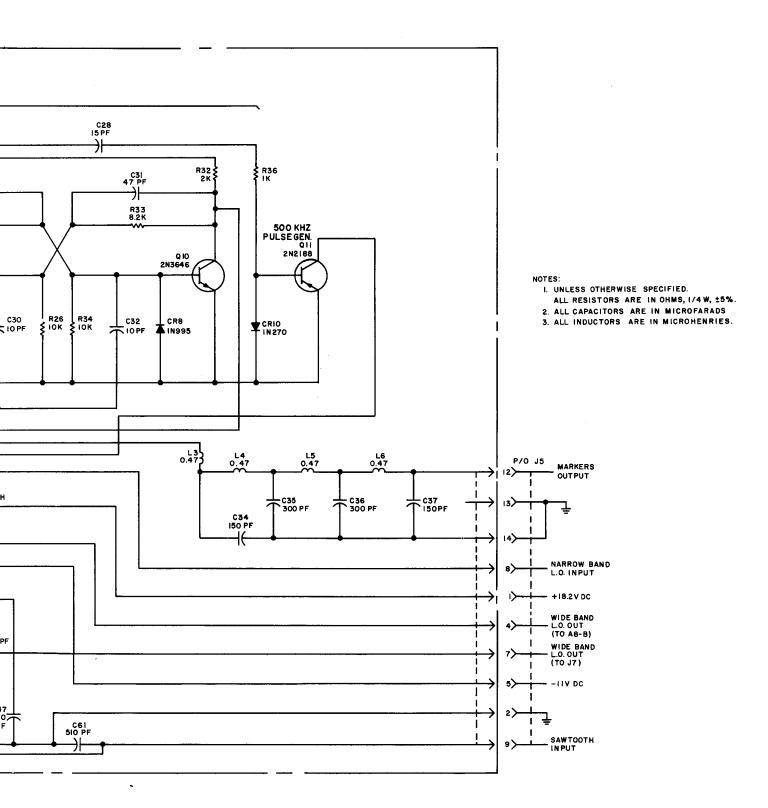


Figure 5-7. Multivibrator/Marker Assembly A5, Schematic Diagram