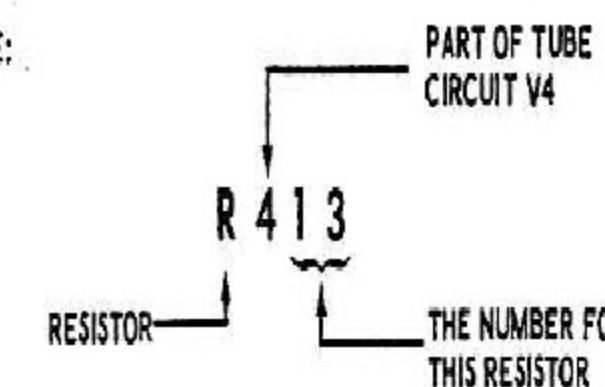


**SCHEMATIC OF THE
HEATHKIT®
MONITOR SCOPE
MODEL SB-610**

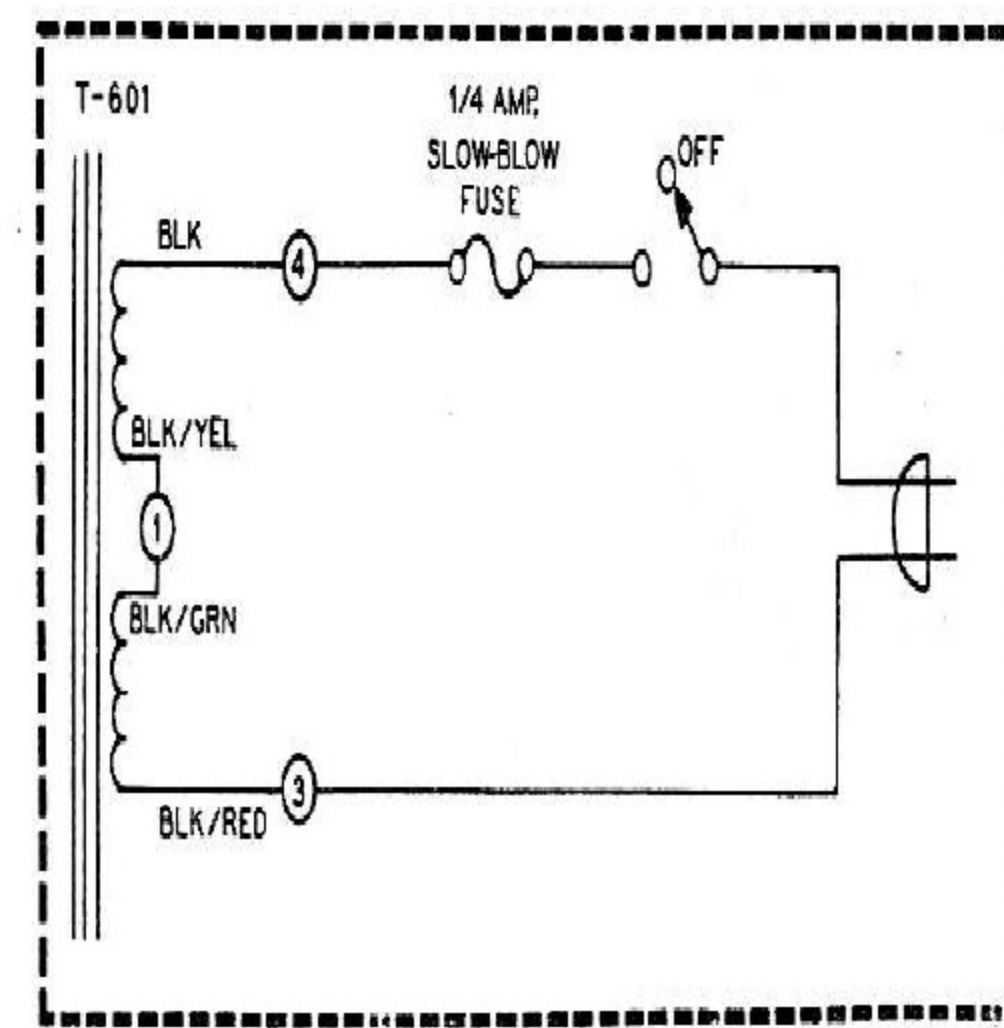
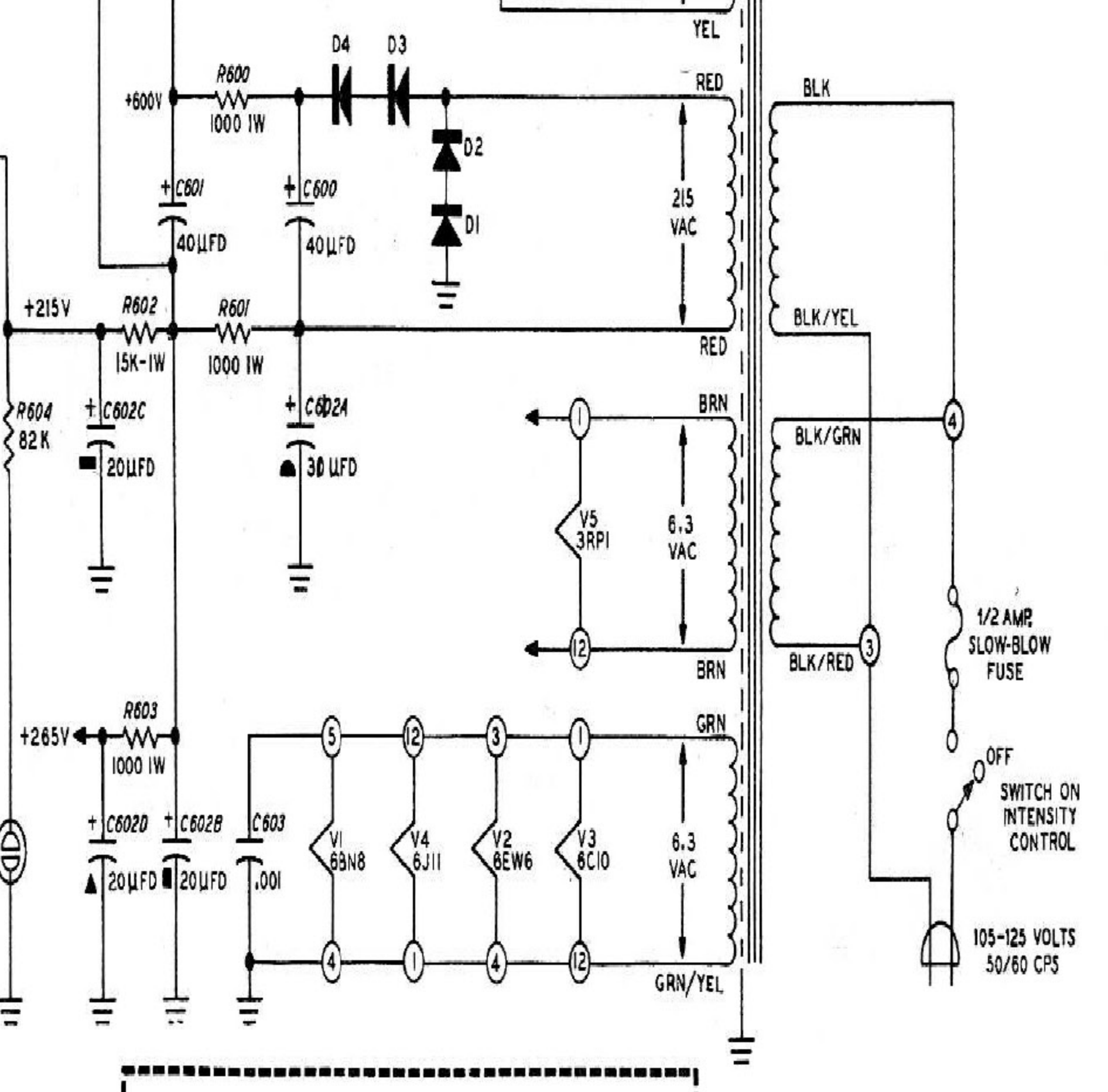
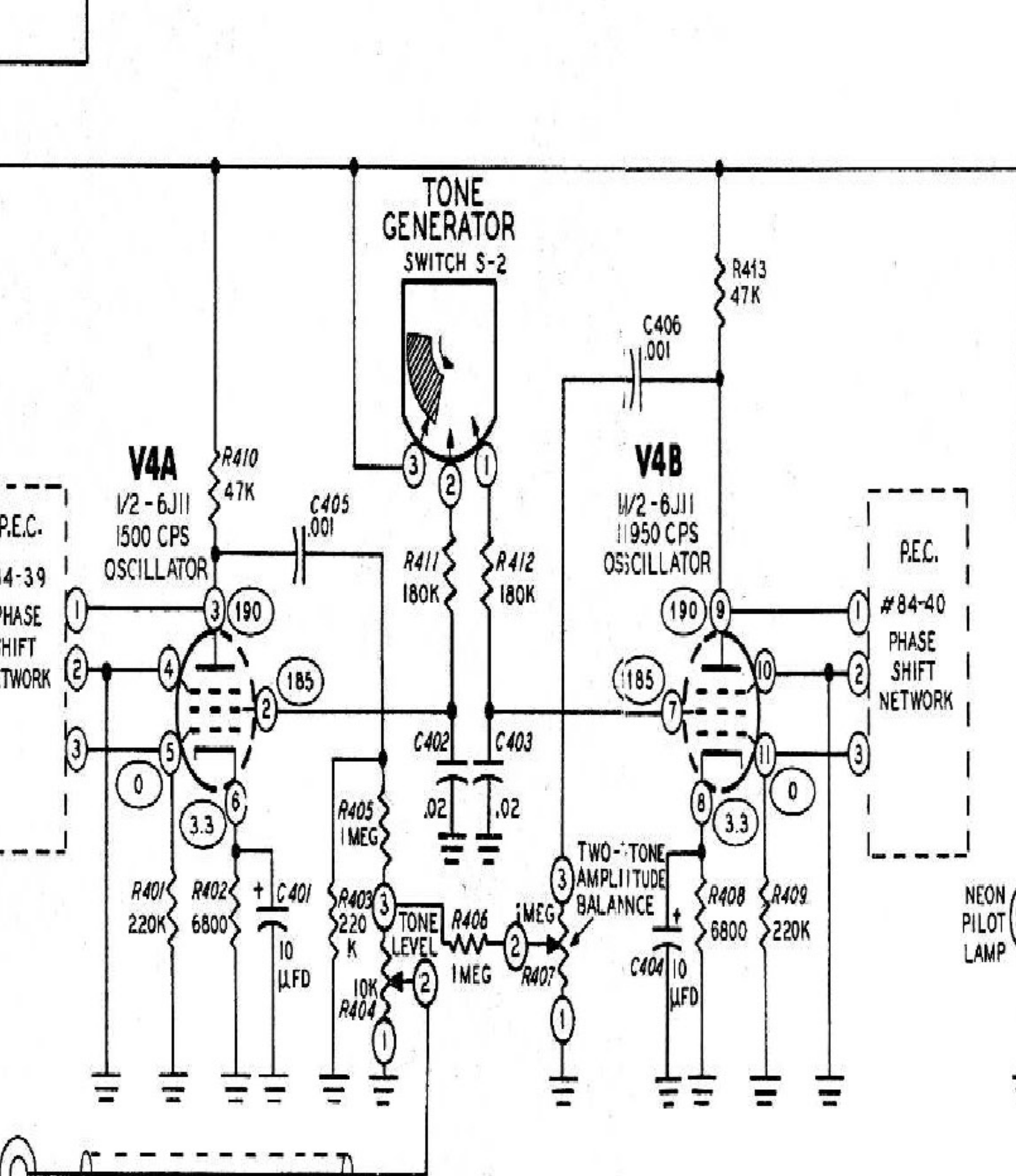
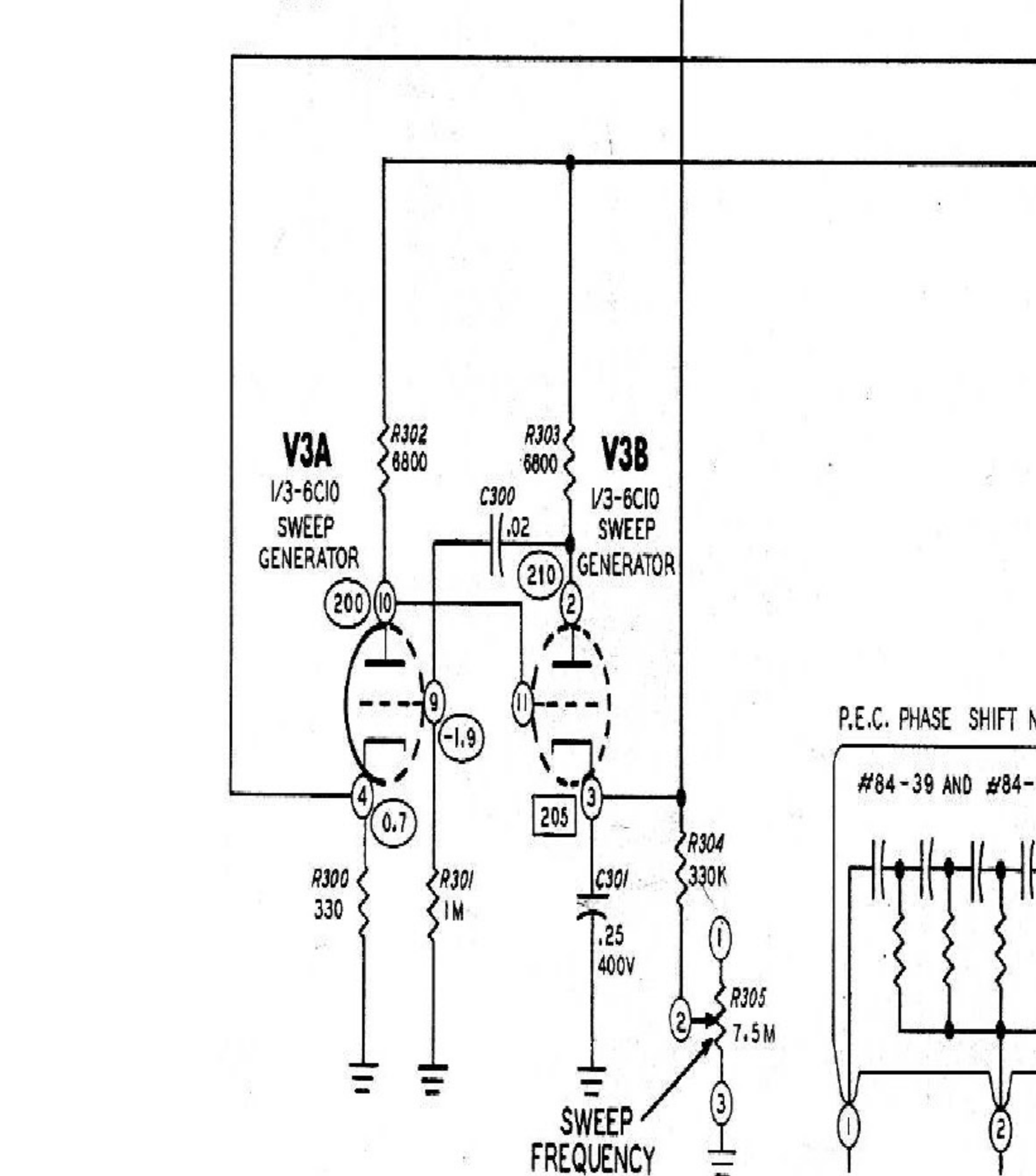
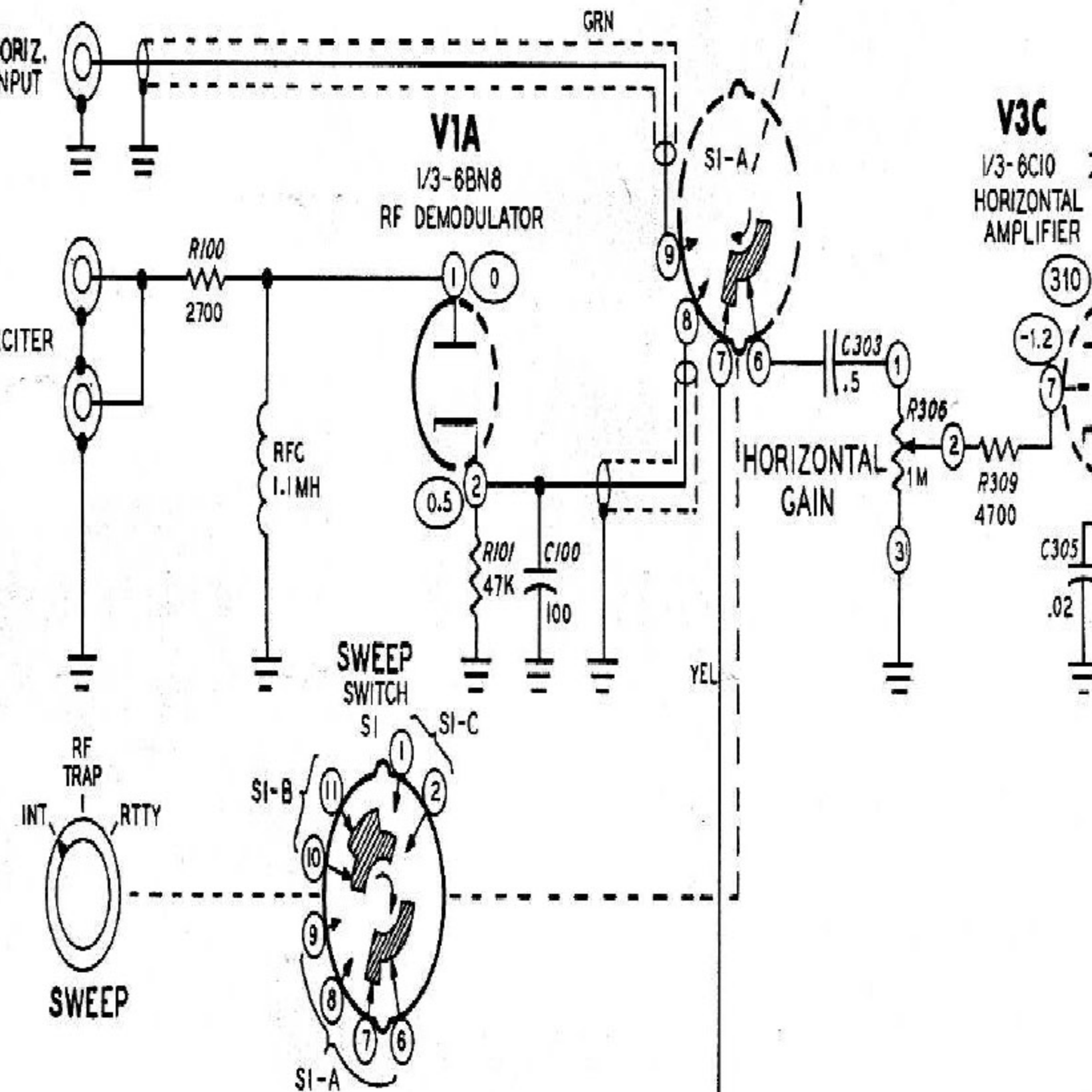
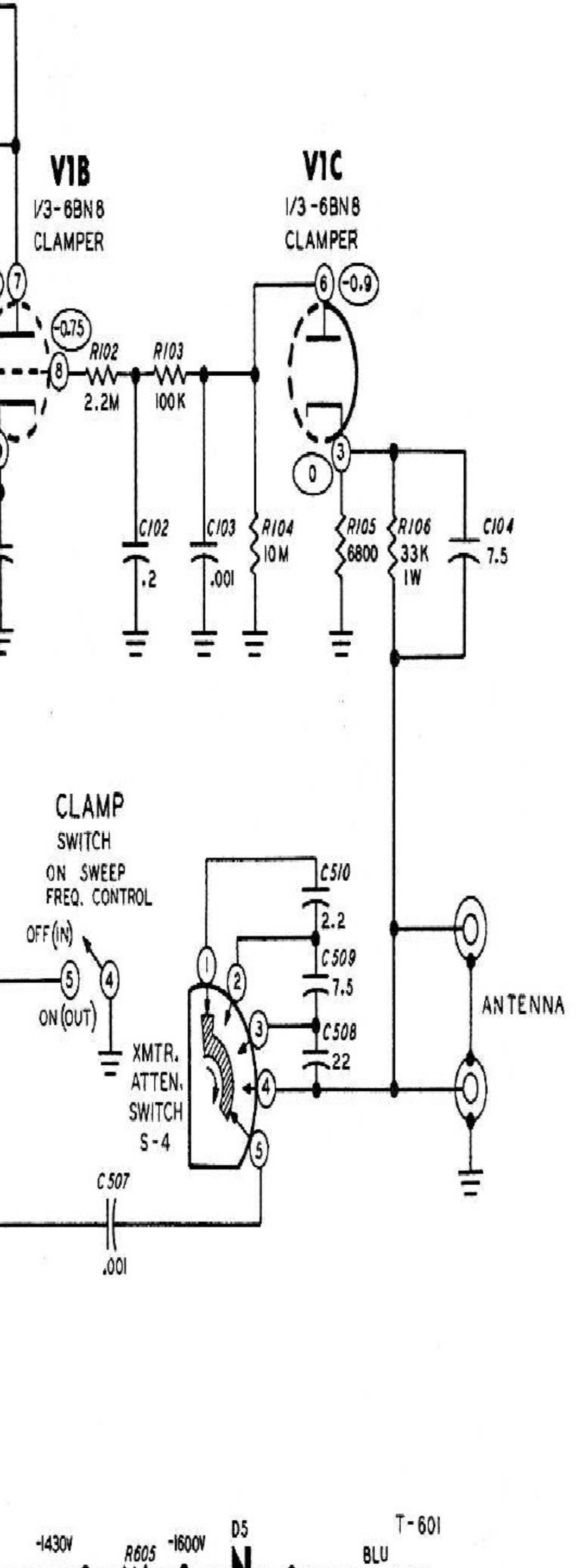
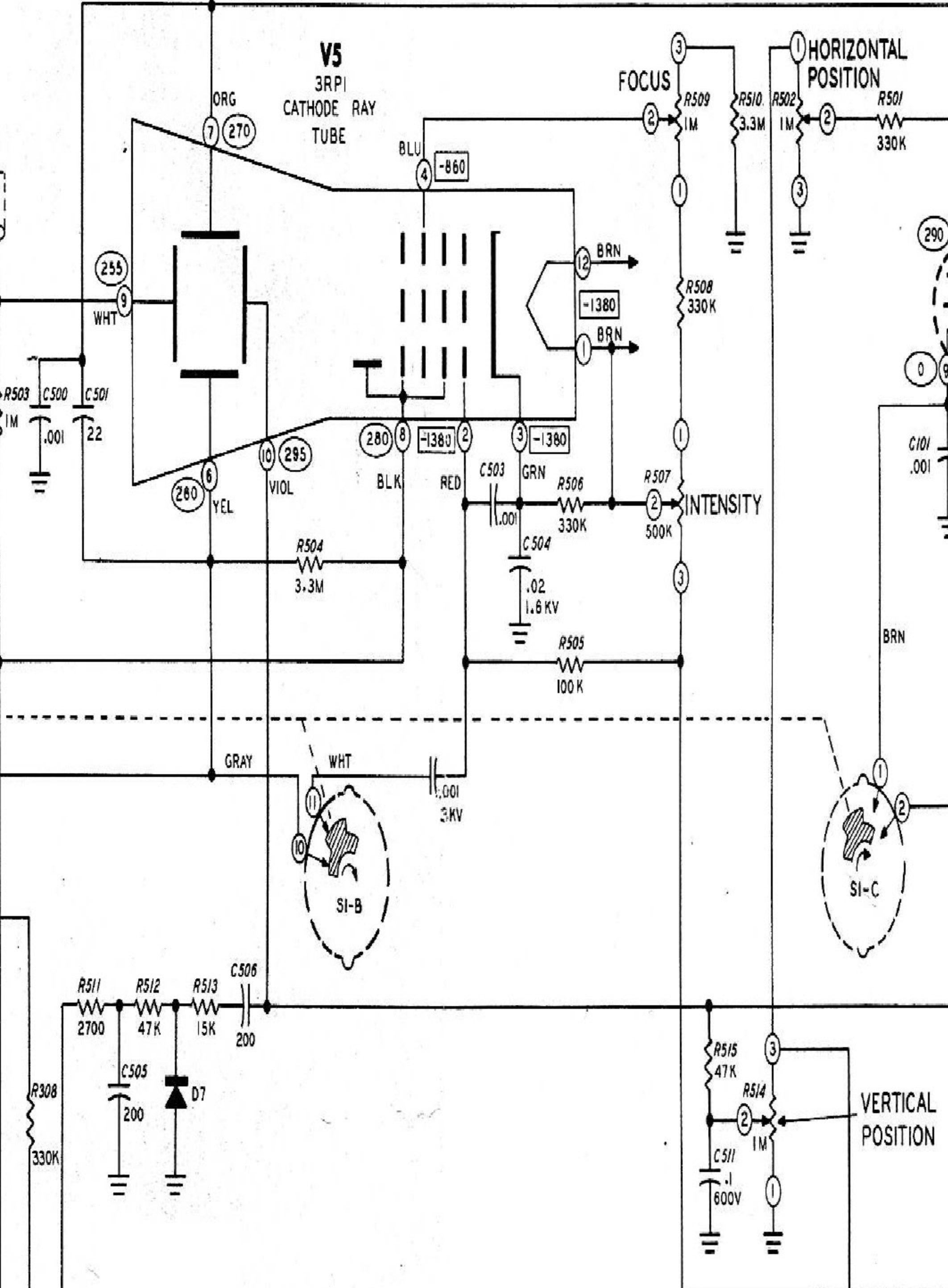
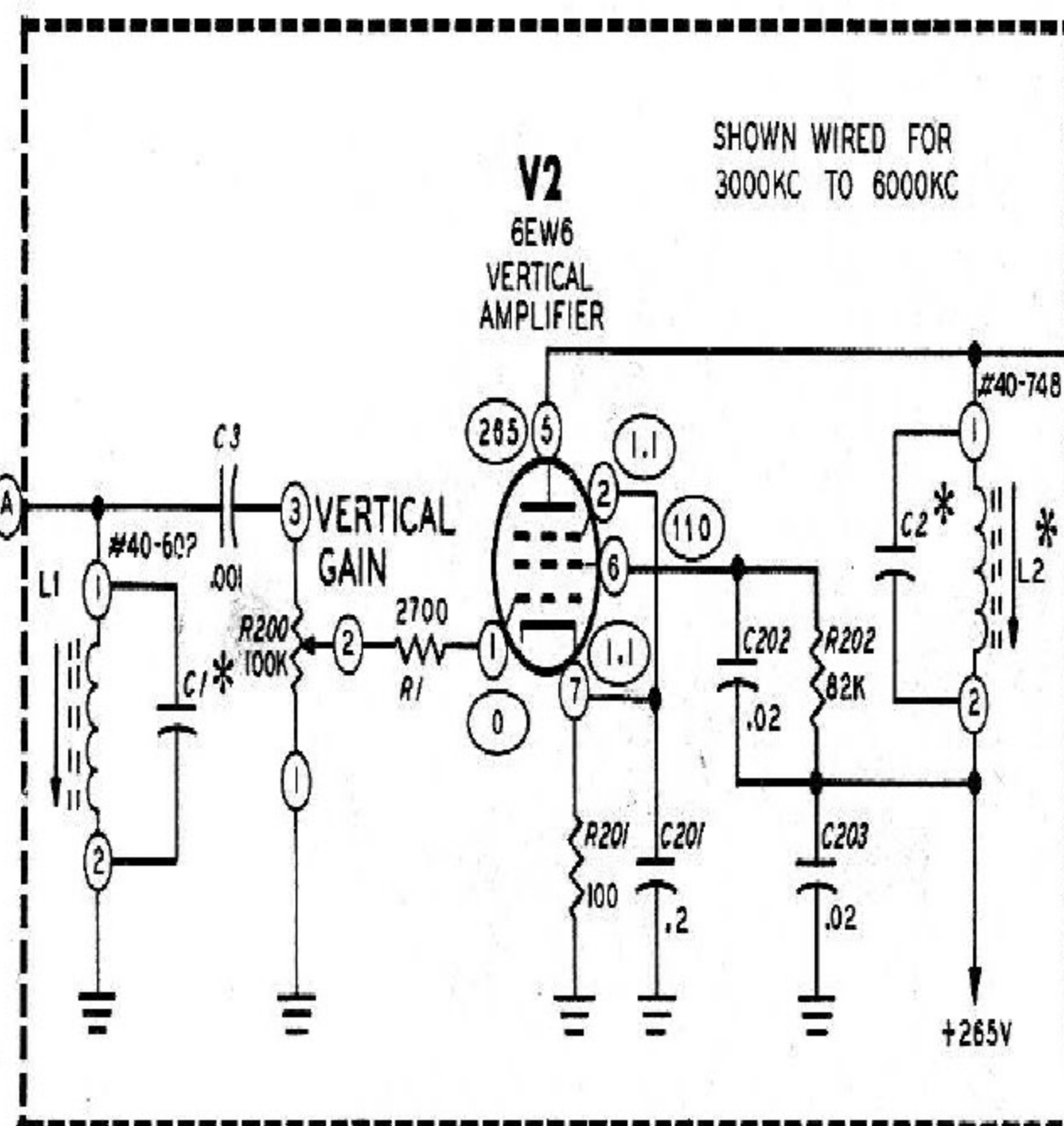
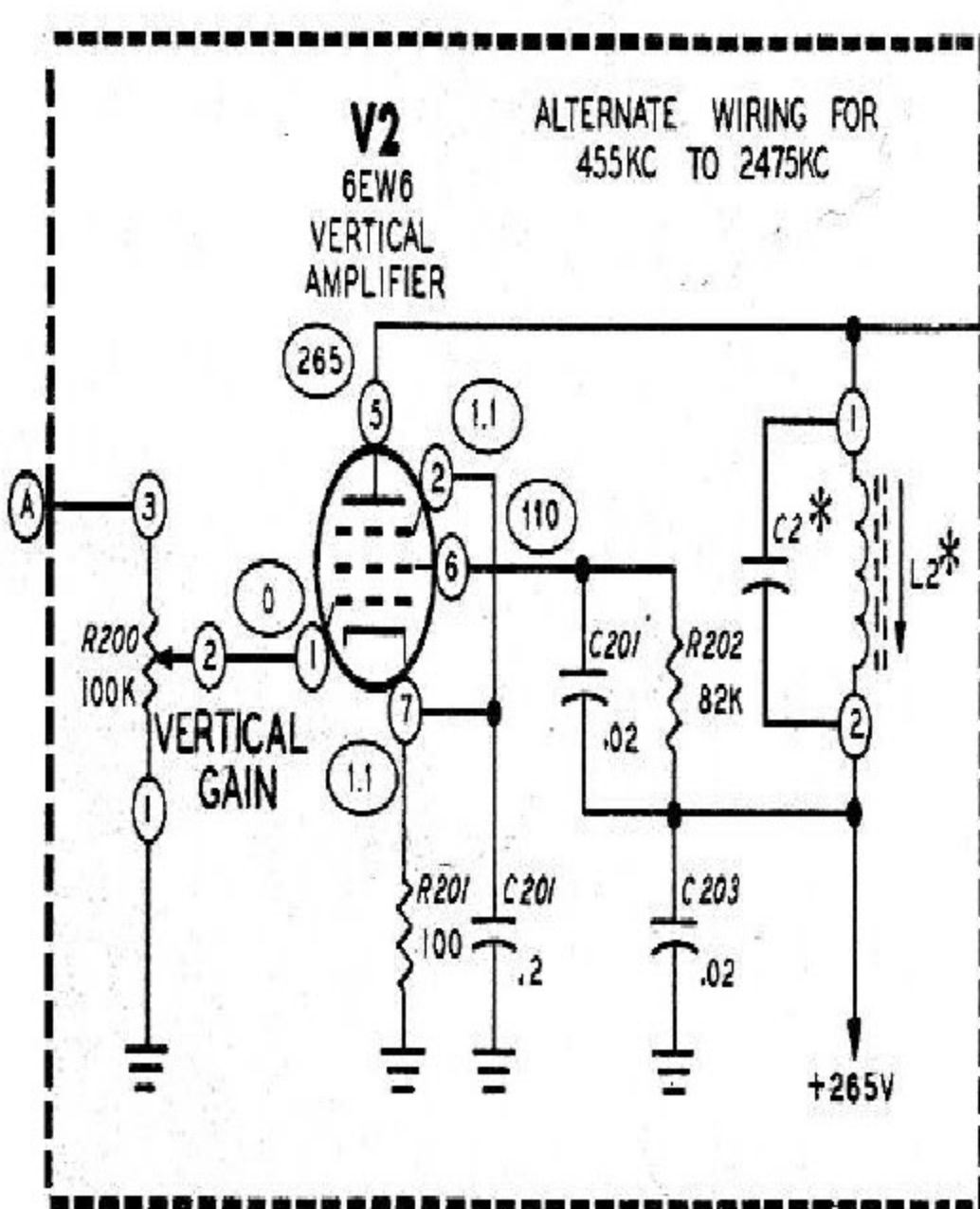
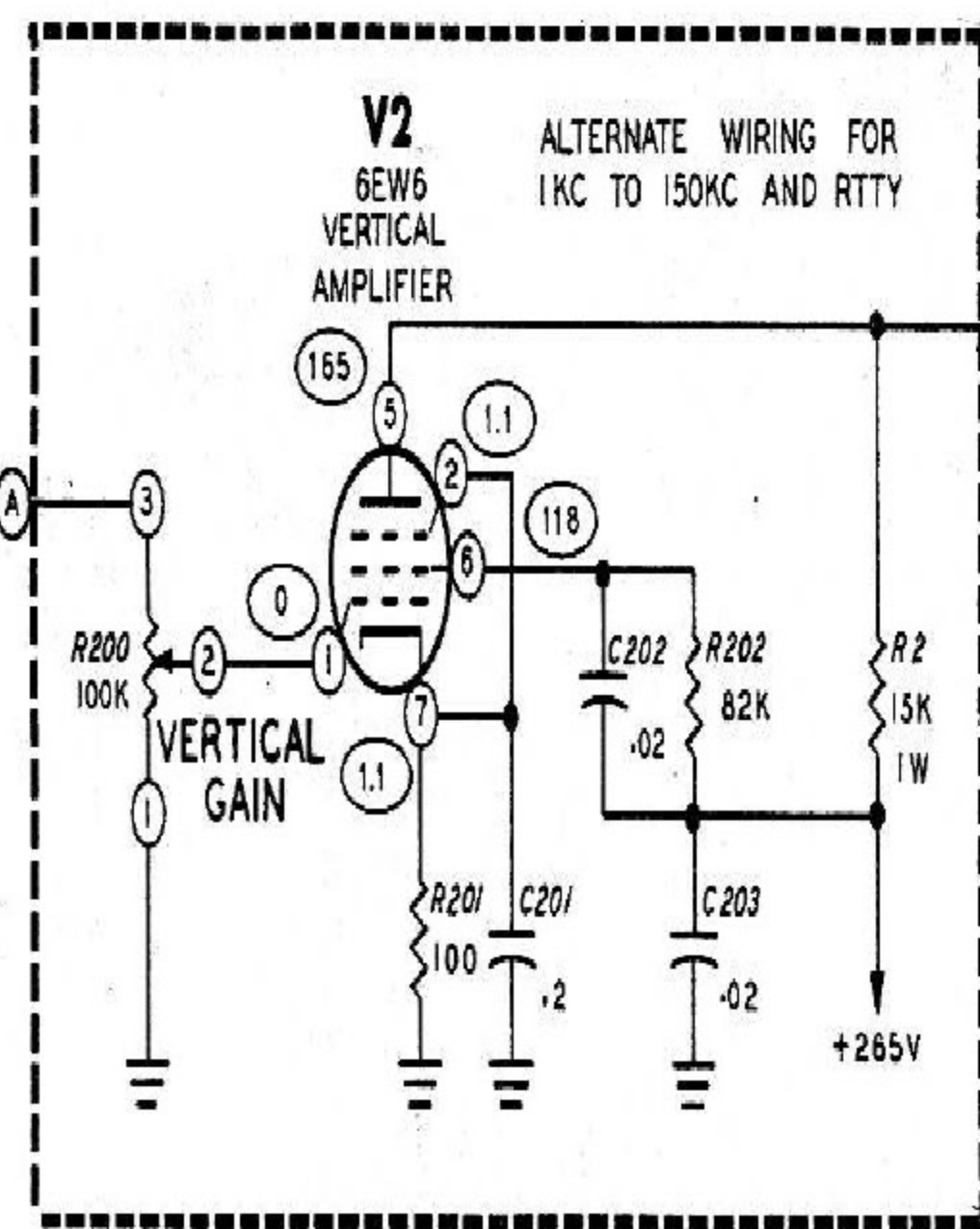
1. MOST RESISTORS AND CAPACITORS ARE NUMBERED ACCORDING TO THE TUBE THEY ARE ASSOCIATED WITH.

EXAMPLE:



2. PARTS IN THE POWER SUPPLY ARE NUMBERED IN THE 500 SERIES.
3. *REFER TO THE ALTERNATE CONNECTIONS SECTION OF THE MANUAL FOR THE CORRECT PART (C1, C2, AND L2).
4. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K = 1000, M = 1,000,000).
5. CAPACITOR VALUES LESS THAN 1 ARE IN μ F. VALUES OF 1 AND ABOVE ARE IN μ F UNLESS THEY ARE MARKED OTHERWISE.
6. ○ THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT, TAKEN WITH AN 1 MEGOHM VTVM, FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY $\pm 10\%$.

7. ☐ THIS SYMBOL INDICATES A VOLTAGE THAT MAY VARY WITH ASSOCIATED CONTROL SETTING.
8. VOLTAGE READINGS TAKEN WITH THE CONTROLS AND SWITCHES IN THE FOLLOWING POSITIONS:
- HORIZONTAL GAIN - FULL CLOCKWISE
SWEEP FREQUENCY - FULL CLOCKWISE
INTENSITY - SET FOR NORMAL TRACE
FOCUS - SET FOR NORMAL TRACE
VERTICAL POSITION - SET FOR NORMAL TRACE
HORIZONTAL POSITION - SET FOR NORMAL TRACE
VERTICAL GAIN - FULL, COUNTERCLOCKWISE
SWEEP - FULL, COUNTERCLOCKWISE
TONE GENERATOR - FULL, COUNTERCLOCKWISE EXCEPT FOR
MEASUREMENTS AT V4. VOLTAGE READINGS AT V4
ARE TAKEN WITH TONE SWITCH IN 2-TONE POSITION.
CLAMP - PUSHED IN
9. SWITCH WAFERS SHOWN IN FULL, COUNTERCLOCKWISE POSITION, AS VIEWED FROM THE KNOB END OF THE SHAFT.



210 - 250 VOLT WIRING