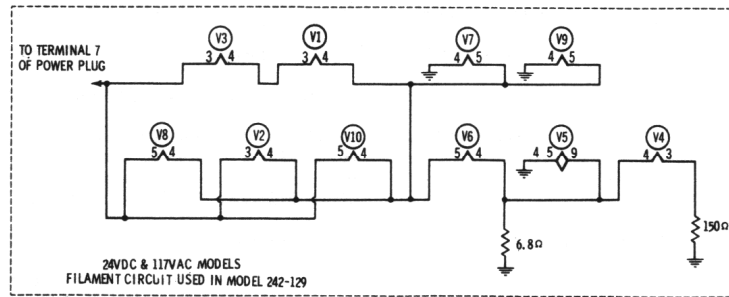


CHANNEL SELECTOR SWITCH (M6) SHOWN IN "CHANNEL A" POSITION. SWITCH SEQUENCE:  
 1. CHANNEL A  
 2. CHANNEL B  
 3. CHANNEL C  
 4. CHANNEL D  
 5. CHANNEL E

RESISTANCE READINGS

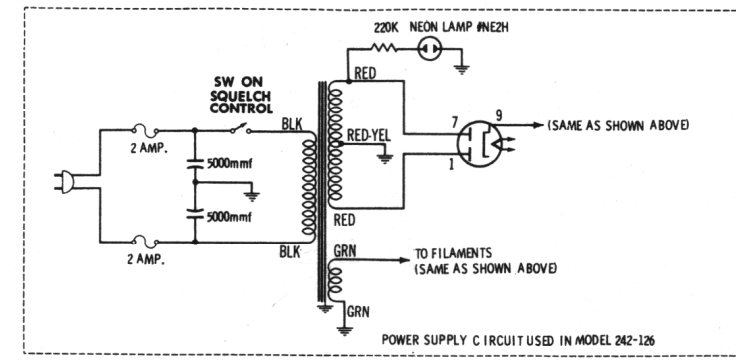
ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	6BJ6	3.3meg	150Ω	3Ω	10K	134K	0Ω			
V2	12BE6	32K	820Ω	.1Ω	0Ω	10K	134K	3.3meg		
V3	6BJ6	3.3meg	150Ω	.1Ω	0Ω	10K	134K	0Ω		
V4	6AL5	3meg	1.3meg	.1Ω	.1Ω	0Ω	NC	1meg		
V5	ECC82 12AU7	1460K	4.7meg	INF	0Ω	0Ω	1240K	2meg	0Ω	1Ω
V6	6AW8A	10K	525K	1570K	.1Ω	.1Ω	0Ω	3.3meg	9000Ω	160K
V7	12AB5	18200Ω	TP	470K	0Ω	.1Ω	NC	330Ω	18200Ω	1210Ω
V8	7054	12Ω	47K	0Ω	0Ω	.1Ω	NC	10K	1390K	0Ω
V9	7061	NC	NC	10K	0Ω	.1Ω	NC	230Ω	143K	14200Ω
V10	12BW4	215Ω	NC	NC	.1Ω	0Ω	NC	205Ω	NC	1Ω

ALL MEASUREMENTS MADE IN "RECEIVER" POSITION UNLESS OTHERWISE DESIGNATED.  
 † THIS READING WILL VARY DEPENDING UPON THE CONDITION OF THE ELECTROLYTIC IN THE CIRCUIT.  
 \* MEASURED IN "TRANSMIT" POSITION. NC NO CONNECTION  
 † MEASURED FROM PIN 9 OF V10. TP TIE POINT

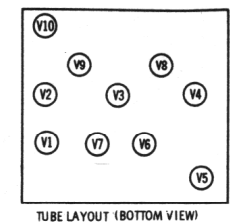


240VDC & 117VAC MODELS  
 FILAMENT CIRCUIT USED IN MODEL 242-129

- DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt meter.
- Socket connections are shown as bottom views.
- Measured values are from socket pin to common ground.
- Line voltage maintained at 117 volts for voltage readings.
- Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
- Volume control at maximum, no signal applied for voltage measurements.



POWER SUPPLY CIRCUIT USED IN MODEL 242-126



TUBE LAYOUT (BOTTOM VIEW)

NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.  
 \* SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION  
 DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM  
 ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION (CONTROL VIEWED FROM SHAFT END)