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**Settings Data for use with TV-7/U, TV-7A/U, TV-7B/U, TV-7C/U, and TV-7D/U Tube Testers**

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**Compilation from several sources... including NOLAN****Notes:**

- 1: Disregard shorts test after GM test is completed. Allow 60 seconds for heater warm up. allow 5 seconds to obtain GM reading.
  - 2: If the # symbol is listed in the Press column, it means that you hold down DIODE and then press the MUT.COND. button.
  - 3: If the \* symbol is listed after the tube number, it indicates that the basing of the tube listed in the notes needs to be used.
  - 4: If any of the columns contain " See Note> " you need to check the notations column for specific instructions for that tube.
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## **Starting Procedure**

Before operating the test set, perform the starting procedure below to check the general operation of the equipment.

If the results obtained from the procedures in b through e below are satisfactory, the test set is ready for operation.

**Note:** If an abnormal indication is obtained during the starting procedure, refer to the equipment performance check list (paragraph 35 of TM 11-6625-274-12) for corrective measures.

- a: Connect the test set to a 115-volt ac, 50 to 1000-cycle per second (cps), power source.
- b: Set the POWER switch to the ON position; the PILOT lamp should light.
- c: Press pushbutton 1 - LINE ADJ. Rotate the LINE ADJUST control knob until the meter pointer rests over the LINE TEST mark on the meter face.
- d: Release pushbutton 1 - LINE ADJ.
- e: Check the short test circuit.

- (1) Set the left FILAMENT selector at A, the right FILAMENT selector at P, and the GRID, PLATE, SCREEN, CATHODE, and SUPPRESSOR selectors at 0, 0, 0, 2, and 2, respectively.
- (2) Rotate the FUNCTION SWITCH through the five SHORTS positions. The neon SHORTS lamp should glow in both positions 2 and 3 of the FUNCTION SWITCH to indicate that the short test circuit is functioning properly.

- f: Set the POWER switch to the OFF position.

## **Operating procedure**

**Caution: Do not insert a tube into a test socket until all of the controls have been set in accordance with the instructions listed below!**

**a: Selectors.** The FILAMENT (left and right), GRID, PLATE, SCREEN, CATHODE, and SUPPRESSOR selector switches select the test socket connections so that correct test voltages are supplied to the elements of the tube under test. for clarity, these selector switches will, in some instances, be referred to collectively as "the selectors". When referred to collectively, they are considered in the same order as above.

**b: Setting Controls.**

- (1) Locate the type number of the tube to be tested in the "**Tube Type**" column on the settings page.
- (2) Turn the FILAMENT VOLTAGE knob to the position shown in the "**Fil. Voltage**" column on the settings page for that specific number tube.
- (3) Set the selectors to the letters and the numbers indicated in the "**Selectors Positions**" column on the settings page. Be sure that the numbers indicated by the selector knobs are the same, if read left to right, as the numbers in the column for that specific tube number in the settings data.
- (4) Set the BIAS control to the number indicated in the "**Bias**" column of the settings data for that tube number.
- (5) Set the SHUNT control to the number indicated in the "**Shunt**" column for that tube. If there is no settings number listed in that column, then disregard this step and proceed with the steps below.
- (6) Set the FUNCTION SWITCH knob to 1.
- (7) Insert the tube to be tested in the proper socket and, if the instructions in the "**Notations**" column require it, connect connect panel jacks G or P to the tube caps with the test leads.
- (8) Set the POWER switch to the ON position. The PILOT lamp should light..

**Note:** For tubes of the heater cathode type, allow approximately 10 to 15 seconds for the cathode to reach operating temperature before you test the tube.

- (9) Adjust the meter pointer to the LINE TEST mark on the meter scale as outlined in the Starting Procedure above.

**Note:** Some tubes, such as the 17DE4 and the 32ET5, require that the meter pointer be set at a position other than the LINE TEST mark. Refer to the "**Notations**" column of the settings data before testing the tube.

**c: Shorts Test.**

- (1) Turn the FUNCTION SWITCH knob from position 1 to position 5; meanwhile tap the tube lightly and watch the neon SHORTS lamp on each switch position. Tubes with shorted elements will cause the lamp to glow.
- Note:** Some tubes can be permanently damaged by tapping on them while testing. Check the "**Notations**" column.
- (2) A short is indicated by a steady glow of both halves of the SHORTS lamp. A flash when the switch is turned from one position to another does not indicate a defective tube. Intermittent flashing when the tube is tapped is an indication of the existence of loose elements which can cause noisy or erratic operation.
- (3) Tubes that have more than one section, such as the 25D8, must be tested for shorts on each section.
- (4) Discard a shorted tube without further tests. Ignoring this can damage the tester meter or other parts.

**Note:** Some tubes will show a shorted condition on certain positions of the FUNCTION SWITCH even though they are good tubes. Check the "**Notations**" column in the settings data for that tube to remarks.

- (5) If the tube is not shorted, other tests may be performed as required.

**d: Selection of Range.** Turn the FUNCTION SWITCH knob from the SHORTS side of the switch to the RANGES position indicated in the "**Range**" column of the settings data for that tube. This automatically sets the sensitivity of the meter circuit to the proper level for the tube under test.

**e: Operating Pushbuttons.**

**Caution! DO NOT press pushbutton 3 - MUT.COND. While testing rectifier tubes!**

- (1) Press the pushbutton indicated in the "**Press to Test**" column of the settings data for the tube being tested.

**Caution: Release the pushbutton as soon as the meter pointer comes to rest and the meter indication is read.**

**If the pushbutton is held depressed too long, the tube under test may be damaged.**

- (2) Refer to the "**Notations**" column for specific information pertaining to specific tube types.

- (3) When the correct pushbutton is depressed, the meter will indicate the condition of the tube. Compare the meter reading to the value indicated in the "**Minimum Value**" column of the settings data for that tube.

### **Gas Test**

Pushbutton 4 - GAS 1 and pushbutton 5 - GAS 2 are used when testing amplifier tubes for gas content. Multipurpose tubes are tested for gas content only on the amplifier sections. The gas test Does Not apply to diode sections or to rectifier tubes. Allow tubes of the filament type to warm up before testing the tube for gas content.

**a:** Perform steps **a** through **d** and step **f** in the **Starting Procedure** section above.

**b:** Set the controls as indicated in the settings data for the tube under test.

**c:** Insert the tube in the proper test socket and set the POWER switch to the ON position.

**d:** Hold down pushbutton 4 - GAS 1 and adjust the BIAS control until the meter pointer reads 10 on the scale.

**Note:** If the meter pointer cannot be adjusted down to 10, turn the BIAS control knob until the meter reading is 100.

**e:** Hold down pushbutton 4 - GAS 1 and press pushbutton 5 - GAS 2.

**f:** If the tube contains gas, the meter pointer will move upwards on the scale. A movement of more than 1 division of the scale indicates a gassy tube.

**g:** Turn off the test set.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
00A	5.0	ER3-2000	33	-	B	3	17	
01A	5.0	ER3-2000	48	-	B	3	18	
0A2	BLST	AP0-5020	0	32	A	4	40	Short on 1, 2, 3, 4, and 5.
0A3	-	HP0-5020	0	60	A	4	40	
0A4G	-	KR0-5720	100	85	A	4	40	
0B2	BLST	AP0-5020	0	40	A	4	40	Short on 1, 2, 3, 4, and 5.
0B3	-	HP0-5020	0	65	A	4	40	
0C2	-	AP0-5020	0	55	A	4	40	Best seen = 80. Short on 1, 2, 3, 4, and 5.
0C3	-	HP0-5020	0	60	A	4	40	
0D3	-	HP0-5020	0	40	A	4	40	
0G3	-	AP0-5020	0	70	A	4	40	
0Y4	BLST	HY3-5010	0	53	A	6	40	Short on 1 and 2.
0Z4	-	HS0-5080	0	70	A	6	40	Hold Down Button 6-0Z4 for 5 seconds. Plate #1.
0Z4	-	HS0-3080	0	70	A	6	40	Hold Down Button 6-0Z4 for 5 seconds. Plate #2.
0Z4A	-	HS0-5080	0	70	A	6	40	Hold Down Button 6-0Z4 for 5 seconds. Plate #1.
0Z4A	-	HS0-3080	0	70	A	6	40	Hold Down Button 6-0Z4 for 5 seconds. Plate #2.
10	7,5	ER3-2000	39	-	B	3	32	
1003	-	HS0-5080	0	70	A	N>	40	Plate #1. Hold down pushbutton 6-0Z4 for 5 seconds.
1003	-	HS0-3080	0	70	A	N>	40	Plate #2. Hold down pushbutton 6-0Z4 for 5 seconds.
1007	1,1	HY0-3010	0	48	A	6	40	Plate #1.
1007	1,1	HY0-5010	0	48	A	6	40	Plate #2.
101A (Boonton)	2,5	GR0-2050	11	-	B	3	19	Triode Section. Cap con. to grid.
101A (Boonton)	2,5	GR0-4050	0	14	A	2	40	Diode #1.
101A (Boonton)	2,5	GR0-3050	0	14	A	2	40	Diode #2.
101D	4,3	ER3-2000	55	-	B	3	28	
101F	4,3	ER3-2000	53	-	B	3	28	
102A (Boonton)	2,5	ER3-2000	61	-	B	3	47	
102D	2	ER3-2000	25	-	B	3	13	
102F	2	ER3-2000	25	-	B	3	14	
104D	4,3	ER3-2000	75	-	B	3	28	
10AL11	10	BU8-3290	35	-	B	3	62	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
10AL11	10	BV3-6724	8	-	B	3	18	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-5.
10BQ5	10	EV2-7930	30	-	C	3	50	Short on 1, 2, 3, and 5.
10C8	10	EV8-6790	8	-	D	3	32	Pentode Section.
10C8	10	EV2-1030	13	-	D	3	22	Triode Section.
10CW5	10	EV2-7930	9	-	D	3	50	Short on 1, 2, 3, and 5.
10DA7	10	EV7-6080	23	-	C	3	32	Triode #1.
10DA7	10	EV3-1090	55	-	D	3	25	Triode #2.
10DE7	10	EV7-6080	31	-	B	3	51	Triode #1.
10DE7	10	EV2-1090	54	-	D	3	33	Triode #2.
10DR7	10	EV7-6080	22	-	B	3	20	Triode #1.
10DR7	10	EV2-1090	54	-	D	3	31	Triode #2.
10DX8	10	EV8-6970	10	-	D	3	47	Pentode Section.
10DX8	10	EV1-2030	26	-	B	3	50	Triode Section.
10EG7	10	HY4-5060	32	-	B	3	50	Triode #1.
10EG7	10	HY1-2030	56	-	D	3	38	Triode #2.
10EM7	10	HY4-5060	20	-	B	3	25	Triode #1.
10EM7	10	HY1-2030	60	-	D	3	35	Triode #2.
10EW7	10	EV7-6080	37	-	B	3	26	Triode #1.
10EW7	10	EV2-1090	54	-	D	3	38	Triode #2.
10GK6	10	EV2-7813	10	-	D	3	47	
10GN8	10	EV7-9860	10	-	D	3	42	Pentode Section.
10GN8	10	EV2-3010	20	-	B	3	38	Triode Section.
10HF8	10	EV7-9860	10	-	D	3	35	Pentode Section.
10HF8	10	EV2-3010	30	-	B	3	25	Triode Section.
10JA8	10	EV7-9860	27	-	C	3	32	Tetrode Section.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
10JA8	10	EV2-3010	27	-	B	3	39	Triode Section.
10JY8	10	EV7-9860	20	-	C	3	63	Pentode Section.
10JY8	10	EV2-3010	33	-	B	3	35	Triode Section.
10T10	10	BU8-3290	35	-	B	3	62	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
10T10	10	BU3-7625	8	-	B	3	18	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.
10Y	7,5	ER3-2000	12	-	B	3	38	
112A	5	ER3-2000	44	-	B	3	42	
117L7	117	HS4-3580	37	-	C	3	50	Pentode Section.
117L7	117	HS0-6010	0	65	A	7	40	Rectifier Section.
117M7	117	HS4-3580	37	-	C	3	50	Pentode Section.
117M7	117	HS0-6010	0	65	A	7	40	Rectifier Section.
117N7	117	HS4-3560	37	-	D	3	25	Pentode Section.
117N7	117	HS0-8000	0	71	A	N>	40	Rectifier Section. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.
117P7	117	HS4-3560	37	-	C	3	50	Pentode Section.
117P7	117	HS0-8000	0	71	A	N>	40	Rectifier Section. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.
117Z3	117	ET0-5060	0	65	A	7	40	Will show shorts on 1-5.
117Z4	117	HS0-5080	0	65	A	7	40	
117Z6	117	HS0-5080	0	65	A	7	40	Plate #1.
117Z6	117	HS0-3040	0	65	A	7	40	Plate #2.
11AF9	10	FW8-1970	29	-	B	3	58	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 1-0-0.
11AF9	10	FW1-4320	28	-	B	3	44	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
11AR11	10	BS4-8937	12	-	C	3	51	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.
11AR11	10	BX5-2364	12	-	C	3	51	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.
11BM8	10	EV3-6720	32	-	C	3	56	Pentode Section.
11BM8	10	EV1-9080	14	-	B	3	41	Triode Section.
11BQ11	10	BU2-8937	12	-	C	3	51	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
11BQ11	10	BX5-2364	26	-	B	3	52	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.
11BT11	10	BV4-2386	32	-	B	3	45	Pentode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.
11BT11	10	BS5-7060	23	-	C	3	29	Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
11BT11	10	BS3-9040	20	-	C	3	43	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
11C5	10	ET2-7610	32	-	D	3	23	
11CA11	10	BU8-3297	30	-	C	3	37	Pentode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
11CA11	10	BS6-4050	25	-	C	3	45	Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
11CA11	10	BU3-2070	23	-	C	3	29	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.
11CY7	10	EV7-6080	25	-	B	3	12	Triode #1.
11CY7	10	EV2-1090	65	-	C	3	50	Triode #2.
11DS5	10	ET1-5620	16	-	D	3	30	
11FY7	10	BU2-3090	22	-	B	3	20	Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
11FY7	10	BS3-5070	54	-	D	3	38	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
11HM7	10	EV2-7819	13	-	D	3	61	
11LQ8	10	EV7-9860	32	-	B	3	40	Pentode Section.
11LQ8	10	EV2-3010	33	-	B	3	35	Triode Section.
11LT8	10	EV9-3216	10	-	D	3	38	Pentode Section.
11LT8	10	EV0-8070	0	70	A	2	40	Diode #1.
11LT8	10	EV0-6070	0	70	A	2	40	Diode #2.
1201	6,3	JS1-3040	15	-	B	3	38	
1203	6,3	JR0-4070	0	52	A	2	40	Diode.
1204	6,3	HS5-3140	10	-	B	3	46	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
1206	6,3	JR5-7362	10	-	B	3	53	Tetrode #1.
1206	6,3	JR4-2367	10	-	B	3	53	Tetrode #2.
1222	6,3	GR4-2378	23	-	D	3	25	
1229	2	ER0-2300	19	-	B	#	16	Cap con. to grid.
1230	2	ER3-2000	40	-	B	3	23	
1231	6,3	JR6-2374	0	-	C	3	32	
1232	6,3	JR6-2374	18	-	B	3	50	
1237	2,5	HS0-3000	0	76	A	7	40	Plate #1. Short on 1, 2, 3, 4, and 5.
1237	2,5	HS0-6000	0	76	A	7	40	Plate #2. Short on 1, 2, 3, 4, and 5.
1247*	0,6	EV0-0000	0	0	A	2	40	F basing. Top lead connects to plate.
1273	6,3	JR6-2374	11	-	B	3	58	
1274	6,3	HS0-5083	0	42	A	7	40	Plate #1.
1274	6,3	HS0-3085	0	42	A	7	40	Plate #2.
1280	12,6	JR6-2374	22	-	B	3	33	
1282	6,3	JR6-2375	10	-	D	3	18	
1284	12,6	JR6-2374	28	-	B	3	50	
1285	25	HS5-3480	36	-	D	3	29	
1291	2,5	JR6-7000	12	-	B	3	38	Triode #1. Do not tap on tube while testing!
1291	2,5	JR3-2000	25	-	B	3	38	Triode #2. Do not tap on tube while testing!
1293	1,5	JR6-2000	30	-	B	3	33	
1294	1,5	JR0-4070	0	27	A	2	40	Diode.
1299	2,5	JR6-2300	37	-	B	3	52	Do not tap on tube while testing!
12A	5	ER3-2000	44	-	B	3	42	
12A4	12,6	EV2-9010	25	-	D	3	39	
12A5	12,6	HR4-2350	51	-	B	3	45	
12A6	12,6	HS5-3481	12	-	C	3	38	
12A7	12,6	HR0-2365	48	-	B	3	24	Pentode Section. Cap con. to grid.
12A7	12,6	HR0-5042	0	50	A	7	40	Rectifier Section.
12A8	12,6	HS5-4683	41	-	B	3	29	Cap con. to grid #4.
12AB5	12,6	EV3-9170	21	-	C	3	46	
12AC10	12,6	BT9-2040	30	-	B	3	28	Triode #1. Use Hickok Adapter Model 1704. set adapter selectors to 2-0-3.
12AC10	12,6	BS7-5060	30	-	B	3	28	Triode #2. Use Hickok Adapter Model 1704. set adapter selectors to 0-0-2.
12AC10	12,6	BV4-2030	30	-	B	3	28	Triode #3. Use Hickok Adapter Model 1704. set adapter selectors to 0-4-5.
12AC5	12,6	ET2-6571	35	-	A	2	16	Make no gas test.
12AD6	12,6	ET7-6521	30	0	A	2	28	Make no gas test.
12AD7	12,6	EV7-6080	12	-	B	3	32	Triode #1.
12AD7	12,6	EV2-1030	12	-	B	3	32	Triode #2.
12AE6	12,6	ET0-7021	0	0	A	2	12	Triode Section. Make no gas test.
12AE6	12,6	ET0-6020	0	0	A	2	40	Diode #1.
12AE6	12,6	ET0-5020	0	0	A	2	40	Diode #2.
12AE7	12,6	EV0-6087	0	45	A	2	40	Make no gas test.
12AE7	12,6	EV0-1032	0	58	A	2	40	Make no gas test.
12AF3	12,6	EV0-0020	0	32	A	N>	60	cap con. to plate. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.
12AF6	12,6	ET1-5672	27	-	B	#	29	
12AG5	12,6	ET1-5620	10	-	D	3	20	
12AG6	12,6	ET7-6521	30	0	A	2	44	Make no gas test.
12AH7	12,6	HY5-6043	20	-	B	3	50	Triode #1.
12AH7	12,6	HY1-3026	20	-	B	3	50	Triode #2.
12AJ6	12,6	ET0-7021	0	0	A	2	8	Triode Section. Make no gas test.
12AJ6	12,6	ET0-6020	0	0	A	2	40	Diode #1.
12AJ6	12,6	ET0-5020	0	0	A	2	40	Diode #2.
12AJ7	12,6	EV2-6137	27	-	B	3	31	Heptode Section.
12AJ7	12,6	EV9-8036	26	-	B	3	50	Triode Section.
12AL11	12,6	BU8-3290	35	-	B	3	62	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
12AL11	12,6	BV3-6724	8	-	B	3	18	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-5.
12AL5	12,6	ET0-7010	0	70	A	2	40	Diode #1.
12AL5	12,6	ET0-2050	0	70	A	2	40	Diode #2.
12AL8	12,6	EV0-3672	0	55	A	2	50	Tetrode Section. Make No gas test
12AL8	12,6	EV0-1098	0	0	A	2	10	Triode Section. Make no gas test.
12AQ5	12,6	ET1-5620	21	-	C	3	46	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
12AS5	12,6	ET2-7610	25	-	D	3	28	
12AT6	12,6	ET1-7020	18	-	B	3	30	Triode Section.
12AT6	12,6	ET1-6020	0	0	A	2	40	Diode #1.
12AT6	12,6	ET1-5020	0	0	A	2	40	Diode #2.
12AT7	12,6	EV7-6080	10	-	C	3	50	Triode #1.
12AT7	12,6	EV2-1030	10	-	C	3	50	Triode #2.
12AU6	12,6	ET1-5672	16	-	B	3	58	
12AU7	12,6	EV7-6080	24	-	B	3	56	Triode #1.
12AU7	12,6	EV2-1030	24	-	B	3	56	Triode #2.
12AU8	12,6	EV7-9860	10	-	D	3	30	Pentode Section.
12AU8	12,6	EV2-3010	9	-	D	3	25	Triode Section.
12AV5	12,6	HS1-5830	50	-	C	3	49	
12AV6	12,6	ET1-7025	12	-	B	3	32	Triode Section.
12AV6	12,6	ET1-6025	0	0	A	2	40	Diode #1.
12AV6	12,6	ET1-5026	0	0	A	2	40	Diode #2.
12AV7	12,6	EV7-6080	18	-	D	3	21	Triode #1.
12AV7	12,6	EV2-1030	18	-	D	3	21	Triode #2.
12AW6	12,6	ET1-5627	10	-	D	3	20	
12AX3	12,6	BS0-4070	0	54	A	7	40	Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
12AX4	12,6	HY0-5030	0	54	A	7	40	
12AX7	12,6	EV7-6080	12	-	B	3	32	Triode #1.
12AX7	12,6	EV2-1030	12	-	B	3	32	Triode #2.
12AY3	12,6	EV0-2090	0	38	A	7	50	Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
12AY7	12,6	EV7-6080	15	-	B	3	32	Triode #1.
12AY7	12,6	EV2-1030	15	-	B	3	32	Triode #2.
12AZ7	12,6	EV7-6080	10	-	C	3	50	Triode #1.
12AZ7	12,6	EV2-1030	10	-	C	3	50	Triode #2.
12B4	12,6	EV2-9010	50	-	D	3	32	
12B7	12,6	JR6-2374	22	-	B	3	48	
12B8	12,6	HS0-3410	22	-	B	3	46	Pentode Section. Cap con. to grid.
12B8	12,6	HS8-5060	0	-	B	3	50	Triode Section.
12BA6	12,6	ET1-5672	9	-	C	3	41	
12BA7	12,6	EV7-9136	-	-	-	-	-	Short Test Only!
12BA7	12,6	EV2-1037	10	-	D	3	40	
12BD6	12,6	ET1-5672	19	-	B	3	50	
12BE6	12,6	ET7-5621	-	-	-	-	-	Short Test Only!
12BE6	12,6	ET1-6027	17	-	D	3	36	
12BF11	12,6	BS8-3490	31	-	D	3	33	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.
12BF11	12,6	BY3-7625	26	-	B	3	10	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-8.
12BF6	12,6	ET1-7020	14	-	B	3	48	Triode Section.
12BF6	12,6	ET1-6020	0	0	A	2	40	Diode #1.
12BF6	12,6	ET1-5020	0	0	A	2	40	Diode #2.
12BH7	12,6	EV7-6082	29	-	C	3	30	Triode #1.
12BH7	12,6	EV2-1037	29	-	C	3	30	Triode #2.
12BK5	12,6	EV3-1860	0	-	D	3	28	
12BK6	12,6	ET1-7025	6	-	B	3	32	Triode Section.
12BK6	12,6	ET0-6025	0	40	A	2	40	Diode #1.
12BK6	12,6	ET0-5027	0	40	A	2	40	Diode #2.
12BL6	12,6	ET2-6571	30	0	A	2	40	Make no gas test.
12BN6	12,6	ET2-7516	0	-	B	3	18	Limiter grid.
12BN6	12,6	ET6-7512	0	-	B	3	23	Quadrature grid.
12BQ6	12,6	HS5-0480	50	-	C	3	56	cap con. to plate.
12BR7	12,6	EV2-1030	14	-	D	3	20	Triode Section.
12BR7	12,6	EV0-7080	0	70	A	2	40	Diode #1.
12BR7	12,6	EV0-6080	0	70	A	2	40	Diode #2.
12BS3	12,6	EV0-2090	0	60	A	7	42	Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
12BT6	12,6	ET1-7020	13	-	B	3	33	Triode Section.
12BT6	12,6	ET1-6020	0	40	A	2	40	Diode #1.
12BT6	12,6	ET1-5020	0	40	A	2	40	Diode #2.
12BU6	12,6	ET1-7020	34	-	B	3	38	Triode Section.
12BU6	12,6	ET1-6020	0	40	A	2	40	Diode #1.
12BU6	12,6	ET1-5020	0	40	A	2	40	Diode #2.
12BV7	12,6	EV2-7813	9	-	D	3	46	
12BW4	12,6	EV0-7091	0	15	A	7	40	Plate #1.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
12BW4	12,6	EV0-1097	0	15	A	7	40	Plate #2.
12BY7	12,6	EV2-7813	9	-	D	3	46	
12BY7A	12,6	EV2-7813	9	-	D	3	46	
12BZ6	12,6	ET1-5627	20	-	C	3	31	
12BZ7	12,6	EV7-6080	8	-	D	3	18	Triode #1.
12BZ7	12,6	EV2-1030	8	-	D	3	18	Triode #2.
12C5	12,6	ET2-7610	10	-	D	#	45	
12C8	12,6	HS0-3681	24	-	B	3	29	Pentode Section. Cap con. to grid #1.
12C8	12,6	HS0-5083	0	0	A	2	40	Diode #1.
12C8	12,6	HS0-4083	0	0	A	2	40	Diode #2.
12CA5	12,6	ET2-7610	25	-	D	3	30	
12CM6	12,6	EV3-9170	21	-	C	3	46	
12CN5	12,6	ET0-6712	0	0	A	2	50	Make no gas test.
12CR6	12,6	ET7-5612	18	-	B	3	56	Pentode Section.
12CR6	12,6	ET0-2010	0	14	A	2	40	Diode Section.
12CS6	12,6	ET1-5627	20	-	B	#	8	Grid #1.
12CS6	12,6	ET7-5621	0	-	B	#	12	Grid #3.
12CT8	12,6	EV8-6790	10	-	D	3	30	Pentode Section.
12CT8	12,6	EV2-1030	9	-	D	3	25	Triode Section.
12CU5	12,6	ET2-7610	10	-	D	#	45	
12CU6	12,6	HS5-0480	50	-	C	3	56	cap con. to plate.
12CX6	12,6	ET2-6571	0	0	A	2	50	Make no gas test.
12CZ5	12,6	EV3-9170	15	-	C	3	60	
12D4	12,6	HY0-5030	0	60	A	7	40	
12DB5	12,6	EV3-9120	10	-	D	#	45	
12DE8	12,6	EV7-8691	0	0	A	2	32	Pentode Section. Make no gas test.
12DE8	12,6	EV0-3020	0	58	A	2	40	Diode Section.
12DF5	12,6	EV0-6080	0	15	A	7	40	Plate #1.
12DF5	12,6	EV0-1030	0	15	A	7	40	Plate #2.
12DF7	12,6	EV7-6080	12	-	B	3	32	Triode #1.
12DF7	12,6	EV2-1030	12	-	B	3	32	Triode #2.
12DJ8	12,6	EV7-6080	20	-	D	3	62	Triode #1.
12DJ8	12,6	EV2-1030	20	-	D	3	62	Triode #2.
12DK6	12,6	ET1-5627	8	-	D	3	33	
12DK7	12,6	EV0-3721	0	25	A	2	50	Tetrode Section. Make No gas test
12DK7	12,6	EV0-6020	0	0	A	2	25	Diode #1.
12DK7	12,6	EV0-9020	0	0	A	2	25	Diode #2.
12DL8	12,6	EV0-3627	0	48	A	2	60	Tetrode Section. Make No gas test
12DL8	12,6	EV0-9080	0	0	A	2	40	Diode #1.
12DL8	12,6	EV0-1080	0	0	A	2	40	Diode #2.
12DM4	12,6	HY0-5030	0	38	A	7	50	
12DM5	12,6	ET2-7610	10	-	D	#	45	
12DQ6	12,6	HS5-0480	36	-	D	3	30	cap con. to plate.
12DQ7	12,6	EV2-7819	0	-	D	3	40	
12DS7	12,6	EV7-3680	0	53	A	2	50	Tetrode Section. Make No gas test
12DS7	12,6	EV0-9080	0	0	A	2	32	Diode #1.
12DS7	12,6	EV0-1080	0	0	A	2	32	Diode #2.
12DT5	12,6	EV3-9170	31	-	C	3	60	
12DT7	12,6	EV7-6080	12	-	B	3	32	Triode #1.
12DT7	12,6	EV2-1030	12	-	B	3	32	Triode #2.
12DT8	12,6	EV7-6089	10	-	C	3	50	Triode #1.
12DT8	12,6	EV2-1039	10	-	C	3	50	Triode #2.
12DU7	12,6	EV0-3621	0	40	A	2	50	Tetrode Section. Make No gas test
12DU7	12,6	EV0-9020	0	0	A	2	16	Diode #1.
12DU7	12,6	EV0-7020	0	0	A	2	16	Diode #2.
12DV7	12,6	EV0-6087	0	0	A	2	14	Tetrode Section. Make No gas test
12DV7	12,6	EV0-3010	0	0	A	2	16	Diode #1.
12DV7	12,6	EV0-2010	0	0	A	2	16	Diode #2.
12DV8	12,6	EV0-3627	0	56	A	2	32	Tetrode Section. Make No gas test
12DV8	12,6	EV0-9080	0	0	A	2	32	Diode #1.
12DV8	12,6	EV0-1080	0	0	A	2	32	Diode #2.
12DW5	12,6	EV3-9170	50	-	C	3	56	
12DW7	12,6	EV7-6080	12	-	B	3	32	Triode #1.
12DW7	12,6	EV2-1030	24	-	B	3	55	Triode #2.
12DW8	12,6	EV7-6080	29	0	A	2	56	Triode #1. Make no gas test.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
12DW8	12,6	EV2-1030	0	62	A	2	50	Triode #2. Make no gas test.
12DW8	12,6	EV0-9080	0	48	A	2	32	Diode Section.
12DY8	12,6	EV0-3621	0	42	A	2	50	Tetrode Section. Make No gas test
12DY8	12,6	EV0-8079	0	0	A	2	22	Triode Section.
12DZ6	12,6	ET2-6571	0	23	A	2	50	Make no gas test.
12DZ8	12,6	EV3-6720	24	-	D	3	30	Pentode Section.
12DZ8	12,6	EV1-9080	26	-	B	3	15	Triode Section.
12EA6	12,6	ET2-6571	0	18	A	2	50	Make no gas test.
12EC8	12,6	EV0-7689	0	0	A	2	28	Pentode Section. Make no gas test.
12EC8	12,6	EV0-2031	0	13	A	2	38	Triode Section.
12ED5	12,6	ET2-7610	25	-	D	3	30	
12EG6	12,6	ET7-6521	0	0	A	2	50	Make no gas test.
12EH5	12,6	ET2-7610	31`	-	C	3	50	
12EK6	12,6	ET2-6571	0	24	A	2	50	Make no gas test.
12EL6	12,6	ET0-2071	0	0	A	2	6	Triode Section. Make no gas test.
12EL6	12,6	ET0-6070	0	0	A	2	20	Diode #1.
12EL6	12,6	ET0-5070	0	0	A	2	20	Diode #2.
12EM6	12,6	EV0-3621	0	25	A	2	50	Tetrode Section. Make No gas test
12EM6	12,6	EV0-9020	0	0	A	2	25	Diode Section.
12EN6	12,6	HS5-3480	40	-	D	3	30	
12EQ7	12,6	EV2-7631	29	-	D	3	27	Pentode Section.
12EQ7	12,6	EV0-8030	0	0	A	2	34	Diode Section.
12ER5	12,6	ET2-5010	12	-	D	3	35	
12EZ6	12,6	ET2-6571	0	0	A	2	37	Make no gas test.
12F5	12,6	HS0-4080	12	-	B	3	25	Cap con. to grid.
12F8	12,6	EV9-2378	30	0	A	2	16	Pentode Section. Make no gas test.
12F8	12,6	EV0-6070	0	0	A	2	20	Diode #1.
12F8	12,6	EV0-1070	0	0	A	2	20	Diode #2.
12FK6	12,6	ET1-7020	23	0	A	2	32	Triode Section. Make no gas test.
12FK6	12,6	ET0-6025	0	0	A	2	23	Diode #1.
12FK6	12,6	ET0-5026	0	0	A	2	23	Diode #2.
12FM6	12,6	ET0-7021	0	0	A	2	31	Triode Section. Make no gas test.
12FM6	12,6	ET0-6020	0	0	A	2	25	Diode #1.
12FM6	12,6	ET0-5020	0	0	A	2	25	Diode #2.
12FQ7	12,6	EV7-6080	23	-	B	3	50	Triode #1.
12FQ7	12,6	EV2-1030	23	-	B	3	50	Triode #2.
12FQ8	12,6	EV7-8090	11	-	B	3	22	Triode #1. Plate #1.
12FQ8	12,6	EV7-6090	11	-	B	3	22	Triode #1. Plate #2.
12FQ8	12,6	EV2-3090	11	-	B	3	22	Triode #2. Plate #1.
12FQ8	12,6	EV2-1090	11	-	B	3	22	Triode #2. Plate #2.
12FR8	12,6	EV3-6700	40	43	A	2	44	Pentode Section. Make no gas test.
12FR8	12,6	EV1-9020	25	10	A	2	40	Triode Section. Make no gas test.
12FR8	12,6	EV0-8020	0	0	A	2	26	Diode Section.
12FT6	12,6	ET1-7020	0	34	A	2	50	Triode Section. Make no gas test.
12FT6	12,6	ET0-6020	0	0	A	2	32	Diode #1.
12FT6	12,6	ET0-5020	0	0	A	2	32	Diode #2.
12FX8	12,6	EV9-1372	30	0	A	2	42	Heptode Section. Make no gas test.
12FX8	12,6	EV0-8006	0	42	A	2	65	Triode Section. Make no gas test.
12G4	12,6	ET6-1070	23	-	B	3	50	
12G8	12,6	EV0-6078	0	30	A	2	50	Triode #1. Make no gas test.
12G8	12,6	EV0-1023	0	0	A	2	32	Triode #2. Make no gas test.
12GA6	12,6	ET7-6521	30	0	A	2	33	Make no gas test.
12GC6	12,6	HS5-0830	47	-	D	3	32	cap con. to plate.
12GE5	12,6	BV4-7230	36	-	D	3	30	Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.
12GN7	12,6	EV2-7813	9	-	D	3	46	Best seen = 94.
12GW6	12,6	HS5-0480	34	-	D	#	38	cap con. to plate.
12H6	12,6	HS0-5081	0	63	A	2	40	Diode #1.
12H6	12,6	HS0-3041	0	63	A	2	40	Diode #2.
12HG7	12,6	EV2-7813	9	-	D	3	46	Best seen = 94.
12J5	12,6	HS5-3081	23	-	B	3	50	
12J7	12,6	HS0-3485	22	-	B	3	31	Cap con. to grid.
12J8	12,6	EV0-3621	0	30	A	2	50	Tetrode Section. Make No gas test
12J8	12,6	EV0-9070	0	56	A	2	40	Diode #1.
12J8	12,6	EV0-8070	0	56	A	2	40	Diode #2.
12JB6	12,6	EV2-0138	34	-	D	#	38	Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
12JN6	12,6	BW5-7324	48	-	D	3	32	Use Hickok Adapter Model 1704. Set adapter selectors to 0-5-6.
12K5	12,6	ET2-7510	10	-	C	N>	38	Make no gas test. Hold down pushbutton 2-DIODE and press pushbutton 3-MUT.COND. Release pushbutton 3 before pushbutton 2.
12K7	12,6	HS0-3485	19	-	B	3	36	Cap con. to grid.
12K8	12,6	HS5-3486	11	-	B	3	25	Hexode Section. Cap con. to grid #3 hexode..
12K8	12,6	HS5-6483	0	-	C	3	30	Triode Section.
12L6	12,6	HS5-3480	10	-	D	#	45	
12L8	12,6	HW1-8523	10	-	B	3	54	Pentode #1.
12L8	12,6	HW3-4521	10	-	B	3	54	Pentode #2.
12Q7	12,6	HS0-3080	17	-	B	3	20	Triode Section. Cap con. to grid.
12Q7	12,6	HS0-5083	0	14	A	2	40	Diode #1.
12Q7	12,6	HS0-4083	0	14	A	2	40	Diode #2.
12R5	12,6	ET2-7610	20	-	D	#	35	
12S8	12,6	HY0-6020	10	-	B	3	23	Triode Section. Cap con. to grid.
12S8	12,6	HY0-3050	0	14	A	2	40	Diode #1.
12S8	12,6	HY0-4020	0	14	A	2	40	Diode #2.
12S8	12,6	HY0-1020	0	14	A	2	40	Diode #3.
12SA7	12,6	HS8-3465	-	-	-	-	-	Short Test Only!
12SA7	12,6	HS5-4068	0	-	C	3	50	
12SC7	12,6	HY4-5062	0	-	B	3	25	Triode #1.
12SC7	12,6	HY3-2065	0	-	B	3	25	Triode #2.
12SF5	12,6	HY3-5020	12	-	B	3	25	
12SF7	12,6	HY2-6431	0	-	B	3	50	Pentode Section.
12SF7	12,6	HY0-5036	0	14	A	2	40	Diode Section.
12SG7	12,6	HS4-8651	0	-	C	3	42	
12SH7	12,6	HS4-8651	0	-	C	3	43	
12SJ7	12,6	HS4-8653	22	-	B	3	40	
12SK7	12,6	HS4-8653	22	-	B	3	48	
12SL7	12,6	HY4-5062	0	-	B	3	32	Triode #1.
12SL7	12,6	HY1-2035	0	-	B	3	32	Triode #2.
12SN7	12,6	HY4-5062	23	-	B	3	50	Triode #1.
12SN7	12,6	HY1-2035	23	-	B	3	50	Triode #2.
12SQ7	12,6	HY2-6031	11	-	B	3	19	Triode Section.
12SQ7	12,6	HY0-5036	0	14	A	2	20	Diode #1.
12SQ7	12,6	HY0-4036	0	14	A	2	20	Diode #2.
12SR7	12,6	HY2-6031	18	-	B	3	48	Triode Section.
12SR7	12,6	HY0-5036	0	14	A	2	20	Diode #1.
12SR7	12,6	HY0-4036	0	14	A	2	20	Diode #2.
12SW7	12,6	HY2-6031	14	-	B	3	48	Triode Section.
12SW7	12,6	HY0-5036	0	14	A	2	40	Diode #1.
12SW7	12,6	HY0-4036	0	14	A	2	40	Diode #2.
12SX7	12,6	HY4-5062	14	-	C	3	33	Triode #1.
12SX7	12,6	HY1-2035	14	-	C	3	33	Triode #2.
12SY7	12,6	HS8-3465	-	-	-	-	-	Short Test Only!
12SY7	12,6	HS5-4068	15	-	D	3	23	
								Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
12T10	12,6	BU8-3290	35	-	B	3	62	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.
12T10	12,6	BU3-7625	8	-	B	3	18	
12U7	12,6	EV0-6087	0	0	A	2	12	Triode #1. Make no gas test.
12U7	12,6	EV0-1032	0	0	A	2	12	Triode #2. Make no gas test.
12V6	12,6	HS5-3480	21	-	C	3	46	
12W6	12,6	HS5-3480	10	-	D	#	45	
12X4	12,6	ET0-6070	0	30	A	7	40	Plate #1.
12X4	12,6	ET0-1070	0	30	A	7	40	Plate #2.
12Z3	12,6	ER0-2030	0	52	A	7	40	
12Z5	12,6	GS0-5040	0	38	A	7	40	Plate #1.
12Z5	12,6	GS0-3040	0	38	A	7	40	Plate #2.
13CW4	12,6	DR4-2080	16	-	D	3	44	Use Hickok adapter Code No. 1050-127.
13DE7	12,6	EV7-6080	31	-	B	3	51	Triode #1.
13DE7	12,6	EV2-1090	54	-	D	3	33	Triode #2.
13DR7	12,6	EV7-6080	22	-	B	3	20	Triode #1.
13DR7	12,6	EV2-1090	54	-	D	3	31	Triode #2.
13EM7	12,6	HY4-5060	20	-	B	3	25	Triode #1.
13EM7	12,6	HY1-2030	60	-	D	3	35	Triode #2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
13FR7	12,6	EV7-6080	20	-	B	3	25	Triode #1.
13FR7	12,6	EV3-1090	60	-	D	3	35	Triode #2.
143D	2,5	ER0-0000	0	78	A	4	40	cap con. to plate.
14A4	12,6	JR6-2070	23	-	B	3	50	
14A5	12,6	JR6-2370	12	-	C	3	38	
14A7	12,6	JR6-2375	22	-	B	3	48	
14AF7	12,6	JR5-6070	21	-	C	3	33	Triode #1.
14AF7	12,6	JR4-3020	21	-	C	3	33	Triode #2.
14B6	12,6	JR3-2070	0	-	B	3	28	Triode Section.
14B6	12,6	JR0-6072	0	14	A	2	40	Diode #1.
14B6	12,6	JR0-5072	0	14	A	2	40	Diode #2.
14B8	12,6	JR6-2574	-	-	-	-	-	Short Test Only!
14B8	12,6	JR4-5376	44	-	B	3	29	
								Pentode section. Use Hickok adapter model 1704. Set adapter selectors to 3-4-5.
14BL11	12,6	BV4-2380	32	-	B	3	45	
14BL11	12,6	BS5-7060	23	-	C	3	29	Triode #1. Use Hickok adapter model 1704. Set adapter selectors to 0-2.
14BL11	12,6	BS3-9040	20	-	C	3	43	Triode #2. Use Hickok adapter model 1704. Set adapter selectors to 0-2.
14BR11	12,6	BW2-5340	27	-	C	3	38	Pentode section. Use Hickok adapter model 1704. Set adapter selectors to 0-5-6.
14BR11	12,6	BS8-6050	29	-	B	3	38	Triode #1. Use Hickok adapter model 1704. Set adapter selectors to 0-2.
								Triode #2. Use Hickok adapter model 1704. Set adapter selectors to 2-0-3.
14BR11	12,6	BT2-9020	24	-	B	3	54	
14C5	12,6	JR6-2370	23	-	C	3	46	
14C7	12,6	JR6-2374	22	-	B	3	33	
14E6	12,6	JR3-2070	12	-	B	3	55	Triode Section.
14E6	12,6	JR0-6072	0	14	A	2	40	Diode #1.
14E6	12,6	JR0-5072	0	14	A	2	40	Diode #2.
14E7	12,6	JR6-2570	24	-	B	3	33	Pentode Section.
14E7	12,6	JR0-4072	0	0	A	2	30	Diode #1.
14E7	12,6	JR0-3072	0	0	A	2	30	Diode #2.
14F7	12,6	JR5-6073	0	-	B	3	40	Triode #1.
14F7	12,6	JR4-3026	0	-	B	3	40	Triode #2.
14F8	12,6	HS8-6050	10	-	D	3	25	Triode #1.
14F8	12,6	HS1-3040	10	-	D	3	25	Triode #2.
14GT8	12,6	EV8-9070	20	-	B	3	12	Triode Section.
14GT8	12,6	EV0-2030	0	0	A	2	32	Diode #1.
14GT8	12,6	EV0-6010	0	0	A	2	32	Diode #2.
14H7	12,6	JR6-2374	10	-	D	3	19	
14J7	12,6	JR6-2574	18	-	B	3	20	Heptode Section.
14J7	12,6	JR4-3576	18	-	B	3	25	Triode Section.
14JG8	12,6	EV8-9070	10	-	B	3	38	Triode Section.
14JG8	12,6	EV0-6010	0	70	A	2	40	Diode #1.
14JG8	12,6	EV0-2030	0	70	A	2	40	Diode #2.
14N7	12,6	JR5-6073	23	-	B	3	50	Triode #1.
14N7	12,6	JR4-3026	23	-	B	3	50	Triode #2.
14Q7	12,6	JR6-2375	-	-	-	-	-	Short Test Only!
14Q7	12,6	JR4-3076	20	-	C	3	57	
14R7	12,6	JR6-2570	10	-	C	3	38	Pentode Section.
14R7	12,6	JR0-4072	0	0	A	2	30	Diode #1.
14R7	12,6	JR0-3072	0	0	A	2	30	Diode #2.
14S7	12,6	JR6-2574	18	-	B	3	38	Heptode Section.
14S7	12,6	JR4-3576	0	-	B	3	38	Triode Section.
14V7	12,6	JR6-2374	6	-	C	3	50	
14W7	12,6	JR6-2375	10	-	D	3	18	
14X7	12,6	JR3-2040	0	-	B	3	23	Triode Section.
14X7	12,6	JR0-5040	0	67	A	2	40	Diode #1.
14X7	12,6	JR0-6070	0	67	A	2	40	Diode #2.
14Y4	12,6	JR0-6070	0	30	A	7	40	Plate #1.
14Y4	12,6	JR0-3070	0	30	A	7	40	Plate #2.
14Z3	12,6	ER0-2030	0	52	A	7	40	
15	2	FR0-2340	10	-	B	#	16	Cap con. to grid.
15A6	12,6	EV2-7136	7	-	D	3	50	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
15AF11	12,6	BV4-2390	20	-	C	3	63	Pentode Section. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.
15AF11	12,6	BS6-8050	27	-	B	3	55	Triode #1. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
15AF11	12,6	BS3-4070	20	-	B	3	55	Triode #2. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
15BD11	12,6	BV4-2390	27	-	C	3	38	Pentode Section. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.
15BD11	12,6	BS6-8050	29	-	B	3	38	Triode #1. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
15BD11	12,6	BS3-4070	24	-	B	3	54	Triode #2. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
15CW5	12,6	EV2-7930	9	-	D	3	50	Make LINE TEST at 64. Short on 1, 2, 3, and 5.
15EA7	12,6	JX4-5060	10	-	B	3	39	Triode #1.
15EA7	12,6	JX1-2030	56	-	D	3	33	Triode #2.
15EW6	12,6	ET1-5627	24	-	C	3	41	Set LINE TEST at 68.
15EW7	12,6	EV7-6080	37	-	B	3	26	Triode #1. Set LINE TEST at 68.
15EW7	12,6	EV2-1090	54	-	D	3	38	Triode #2. Set LINE TEST at 68.
1602	7,5	ER3-2000	39	-	B	3	32	
1603	6,3	GR0-2354	21	-	B	3	31	Cap con. to grid.
1608	2,5	ER3-2000	30	-	B	3	See Note >	Best seen = 51.
1609	1,1	FR3-2400	0	-	B	#	18	
1610	2,5	FR3-2400	22	-	B	3	50	
1611	6,3	HS5-3481	29	-	B	3	50	
1612	6,3	HS0-3485	23	-	B	3	16	Cap con. to grid.
1612	6,3	HS5-3481	27	-	B	3	16	Pin grid.
1613	6,3	HS5-3480	0	-	B	3	56	
1614	6,3	HS5-3481	23	-	D	3	25	
1616	3	ER0-0000	0	46	A	6	40	cap con. to plate.
1619	2,5	HS5-3408	12	-	C	3	43	
1620	6,3	HS0-3485	22	-	B	3	31	Cap con. to grid.
1621	6,3	HS5-3480	29	-	B	3	50	
1622	6,3	HS5-3480	23	-	D	3	25	
1623	6,3	ER3-0000	0	-	B	3	56	cap con. to plate.
1624	2,5	FR3-0200	17	-	C	3	50	cap con. to plate.
1625	12,6	HR4-0360	33	-	C	3	40	cap con. to plate.
1626	12,6	HS5-3080	52	-	B	3	53	
1629	12,6	HS5-4080	0	100	A	3	-	Eye Open.
1629	12,6	HS5-4380	0	100	A	3	-	Eye Closed.
1631	12,6	HS5-3481	23	-	D	3	25	
1632	12,6	HS5-3480	10	-	D	#	45	
1633	25	HY4-5060	23	-	B	3	50	Triode #1.
1633	25	HY1-2030	23	-	B	3	50	Triode #2.
1634	12,6	HY4-5061	0	-	B	3	25	Triode #1.
1634	12,6	HY3-2061	0	-	B	3	25	Triode #2.
1635	6,3	HS4-3080	0	-	B	3	22	Triode #1.
1635	6,3	HS5-6080	0	-	B	3	22	Triode #2.
1641	5	ER0-0000	0	0	A	7	50	Left cap is the plate.
1641	5	BU0-0000	0	0	A	7	50	Right cap is the plate.
1642	6,3	HR4-5060	38	-	B	3	34	Triode #1.
1642	6,3	HR0-3020	38	-	B	3	34	Triode #2. Cap con. to grid.
1644	12,6	HW1-8523	10	-	B	3	54	Pentode #1.
1644	12,6	HW3-4521	10	-	B	3	54	Pentode #2.
1650	6,3	GR4-3070	22	-	B	3	48	
1654	1,5	BX0-0000	0	56	A	4	32	cap con. to plate.
1655	6,3	HY4-5062	0	-	B	3	25	Triode #1.
1655	6,3	HY3-2065	0	-	B	3	25	Triode #2.
1657	6,3	HS5-3068	N>	90	A	4	40	Should strike between settings 43 and 33 of the BIAS dial.
1658	2	ER3-2000	40	-	B	3	23	
1659	2,5	GR0-2050	11	-	B	3	19	Triode Section. Cap con. to grid.
1659	2,5	GR0-4050	0	14	A	2	40	Diode #1.
1659	2,5	GR0-3050	0	14	A	2	40	Diode #2.
1662	2,5	BX4-2300	33	-	B	3	50	
16A5	20	EV2-7930	27	-	C	3	56	Make LINE TEST at 50.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
16A8	20	EV3-6720	26	-	C	3	58	Make LINE TEST at 50.
16A8	20	EV1-9080	21	-	B	3	23	Make LINE TEST at 50.
16BQ11	20	BU2-8937	12	-	C	3	51	Pentode #1. Use Hickok Adapter Model 1704. Make LINE TEST at 50. Set adapter selectors to 2-3-4.
16BQ11	20	BX5-2364	26	-	B	3	52	Pentode #2. Use Hickok Adapter Model 1704. Make LINE TEST at 50. Set adapter selectors to 0-0-7.
16GK6	20	EV2-7813	10	-	D	3	47	Make LINE TEST at 50.
17AV5	20	HS1-5830	35	-	D	3	28	Make LINE TEST at 56
								Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
17AX3	20	BS0-4070	0	54	A	7	40	Make LINE TEST at 56.
17AX4	20	JX0-5030	0	54	A	7	40	Make LINE TEST at 56.
17AY3	20	EV0-2090	0	38	A	7	50	Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
17BE3	20	BT0-2070	0	66	A	7	40	Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.
17BF11	20	BU8-3290	31	-	D	3	33	Pentode #1. Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
17BF11	20	BU3-7625	26	-	B	3	10	Pentode #2. Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.
17BQ6	20	HS5-0480	55	-	C	3	50	cap con. to plate. Make LINE TEST at 50.
								Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
17BS3	20	EV0-2090	0	60	A	7	42	
17C5	20	ET2-7610	10	-	D	#	40	
17CA5	20	ET2-7610	15	-	D	3	25	Make LINE TEST at 56.
17CT3	20	EV0-2090	0	15	A	7	40	Make LINE TEST at 56. Best seen = 81.
17CU5	20	ET2-7610	10	-	D	#	45	Make LINE TEST at 56.
17D4	20	HY0-5030	0	34	A	7	52	Make LINE TEST at 54.
17DE4	20	HY0-5030	0	38	A	7	50	Make LINE TEST at 58.
17DM4	20	HY0-5030	0	38	A	7	50	Make LINE TEST at 58.
17DQ6	20	HS5-0480	36	-	D	3	30	cap con. to plate.
17EW8	20	EV7-6080	13	-	C	3	57	Triode #1.
17EW8	20	EV2-1030	13	-	C	3	57	Triode #2.
								Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 3-4-5.
17GE5	20	BV4-7230	36	-	D	3	30	
								Cap = P. Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
17GV5	20	BU9-3020	36	-	D	3	30	
17GW6	20	HS5-0480	31	-	D	#	38	cap con. to plate. Make LINE TEST at 56.
17H3	20	EV0-3010	0	50	A	7	40	Make LINE TEST at 56.
								Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 0-0-0.
17JB6	20	EV2-0138	34	-	D	#	38	
								Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 0-0-0.
17JF6	20	EV2-0138	55	-	D	#	45	
								Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 0-0-0.
17JM6	20	BW5-0324	48	-	D	3	32	
								Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 4-0-6.
17JMN6	20	BW5-7324	48	-	D	3	32	
								Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 0-5-6.
17L6	20	HS5-3480	10	-	D	#	38	Make LINE TEST at 56.
17R5	20	ET2-7610	20	-	D	#	25	Make LINE TEST at 56.
182B	5	ER3-2000	58	-	B	3	38	
183	5	ER3-2000	79	-	B	3	38	
1851	6,3	HS0-3485	10	-	D	3	25	Cap con. to grid.
1852	6,3	HS4-8653	10	-	D	3	30	
1853	6,3	HS4-8653	0	-	C	3	44	
18A5	20	HS1-5830	43	-	C	3	60	
18DZ8	20	EV3-6720	24	-	D	3	30	Pentode Section.
18DZ8	20	EV1-9080	26	-	B	3	15	Triode Section.
18FW6	20	ET1-5672	24	-	B	3	50	
18FX6	20	ET1-5627	20	-	B	3	28	Amplifier Section.
18FX6	20	ET1-6027	18	-	D	3	30	Oscillator Section.
18FY6	20	ET1-7020	30	0	A	3	28	Triode Section.
18FY6	20	ET0-6020	0	0	A	2	26	Diode #1.
18FY6	20	ET0-5020	0	0	A	2	26	Diode #2.
18HB8	20	EV9-7680	30	-	C	3	46	Pentode Section.
18HB8	20	EV1-3020	30	-	B	3	17	Triode Section.
19	2	GR4-5000	15	-	B	3	25	Triode #1.
19	2	GR3-2000	15	-	B	3	25	Triode #2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
19AQ5	20	ET1-5620	21	-	C	3	46	
19AU4	20	HY0-5030	0	66	A	7	40	
19BG6	20	HS5-0830	18	-	D	3	30	cap con. to plate.
19C8	20	EV8-9070	23	-	B	3	13	Triode Section.
19C8	20	EV8-6070	0	70	A	2	40	Diode #1.
19C8	20	EV8-2030	0	70	A	2	40	Diode #2.
19C8	20	EV8-1070	0	70	A	7	40	cap con. to plate.
19CL8A	20	EV9-6780	12	-	D	3	20	Triode Section.
19CL8A	20	EV1-2030	12	-	D	3	35	Triode Section.
19EA8	20	EV2-6370	0	-	D	3	28	Pentode Section.
19EA8	20	EV9-1080	10	-	D	3	42	Triode Section.
19EZ8	20	EV9-8000	30	-	B	3	20	Triode #1.
19EZ8	20	EV7-6000	30	-	B	3	20	Triode #2.
19EZ8	20	EV2-3010	31	-	B	3	24	Triode #3.
19G3	4,3	HS0-0000	0	-	A	7	40	cap con. to plate.
19HV8	20	EV9-6780	10	-	D	3	22	Pentode Section.
19HV8	20	EV1-2030	25	-	B	3	20	Triode Section.
19J6	20	ET5-2076	17	-	D	3	27	Triode #1.
19J6	20	ET6-1075	17	-	D	3	27	Triode #2.
19T8	20	EV8-9076	11	-	B	3	30	Triode Section.
19T8	20	EV0-6071	0	70	A	2	40	Diode #1.
19T8	20	EV0-2036	0	70	A	2	40	Diode #2.
19T8	20	EV0-1078	0	70	A	2	40	Diode #3.
19V8	20	EV6-1038	11	-	B	3	30	Triode Section.
19V8	20	EV0-9032	0	0	A	2	30	Diode #1.
19V8	20	EV0-7086	0	72	A	2	40	Diode #2.
19V8	20	EV0-2038	0	72	A	2	40	Diode #3.
19X3	20	EV0-9030	0	63	A	7	40	
19X8	20	EV7-9861	9	-	D	3	23	Pentode Section.
19X8	20	EV2-3861	15	-	D	3	23	Triode Section.
19Y3	20	EV0-9030	0	63	A	7	40	
1A3	1.5	HR0-2030	0	0	A	2	28	
1A4	2.0	ERO-2300	18	-	B	#	19	Cap con. to grid number 4.
1A5	1.5	HS5-3400	43	-	B	3	20	Do not tap on tube while testing!
1A6	2.0	GR4-5320	75	-	B	3	11	Cap con. to grid number 4.
1A7	1.5	HS5-4630	85	-	B	3	9	Cap con. to grid number 4. Do not tap on tube while testing!
1AB5	1.1	JR6-2300	0	-	B	3	36	
1AC5*	1.1	EV2-7800	22	-	B	#	10	F basing.
1AD4	1.1	DV4-1200	28	-	B	3	35	
1AD5*	1.1	EV2-7800	0	-	B	#	16	F basing.
1AE4	1.1	BX6-2300	22	-	B	3	24	
1AF4	1.5	BX6-2300	21	-	B	3	18	
1AF5	1.5	BX6-5400	0	-	B	#	15	Pentode Section.
1AF5	1.5	BX0-3000	0	0	A	2	10	Diode Section.
1AG4	1.1	DV4-1200	31	-	B	#	18	
1AG5	1.1	EW5-1203	40	0	A	4	20	Pentode Section.
1AG5	1.1	EW0-3000	0	0	A	2	20	Diode Section.
1AH4	1.1	FT4-1200	33	0	A	4	40	
1AJ4	1.5	HR6-2300	33	-	A	3	36	
1AJ5	1.1	EW5-1203	16	-	B	#	11	Pentode Section.
1AJ5	1.1	EW0-3000	0	18	A	2	40	Diode Section.
1AK4	1.1	FT4-1200	33	0	A	4	40	
1AK5	1.1	EW5-1203	40	0	A	4	20	Pentode Section.
1AK5	1.1	EW0-3000	0	0	A	2	20	Diode Section.
1AU3	1.1	HS0-0000	0	0	A	4	38	cap con. to plate.
1AX2	1.5	BS0-0000	0	30	A	4	40	cap con. to plate.
1B3	1.1	HS0-0000	0	68	A	4	40	cap con. to plate.
1B4	2.0	ERO-2300	18	-	B	#	16	Cap con. to grid.
1B5	2.0	GR5-2000	28	-	B	3	14	Triode Section.
1B5	2.0	GR5-4000	0	11	A	2	40	Diode #1.
1B5	2.0	GR5-3000	0	21	A	2	40	Diode #2.
1B7	1.5	HS5-4630	68	-	B	#	23	Cap con. to grid.
1C21	BLST	HP7-5020	0	83	A	4	40	
1C3	1.5	BX4-2000	37	-	B	3	19	
1C5	1.5	HS5-3400	37	-	B	3	19	Do not tap on tube while testing!
1C6	2.0	GR4-5320	56	-	B	#	25	Cap con. to grid number 4.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
1C7	2.0	HS5-4630	56	-	B	#	25	Cap con. to grid number 4.
1C8*	1.1	EV8-6702	45	-	B	3	10	F basing. Short on 3.
1D5	2.0	HS0-3400	18	-	B	#	19	Cap con. to grid.
1D7	2.0	HS5-4630	75	-	B	3	11	Cap con. to grid number 4.
1D8	1.5	HS5-3460	50	-	B	3	23	Pentode Section.
1D8	1.5	HS5-6430	11	-	B	3	14	Triode Section. Cap con. to grid.
1D8	1.5	HS5-8430	0	0	A	2	24	Diode Section.
1DN5	1.5	BX6-2300	32	-	B	3	16	Pentode Section.
1DN5	1.5	HR0-4000	0	0	A	2	16	Diode Section.
1E3	1.1	EV1-8000	24	-	C	3	38	
1E4	1.5	HS5-3000	37	-	B	3	21	
1E5	2.0	HS0-3400	18	-	B	#	16	Cap con. to grid.
1E7	2.0	HS5-6834	21	-	B	3	29	Pentode #1.
1E7	2.0	HS4-3865	21	-	B	3	29	Pentode #2.
1F4	2.0	FR3-2400	23	-	B	3	35	
1F5	2.0	HS5-3400	23	-	B	3	35	
1F6	2.0	GR0-2300	8	-	B	#	16	Pentode Section. Cap con. to grid #1.
1F6	2.0	GR0-5300	0	0	A	2	19	Diode #1.
1F6	2.0	GR0-4300	0	0	A	2	22	Diode #2.
1F7	2	HS0-3600	8	-	B	#	16	Pentode Section. Cap con. to grid #1.
1F7	2.0	HS0-4630	0	0	A	2	19	Diode #1.
1F7	2.0	HS0-5630	0	0	A	2	22	Diode #2.
1G3	1.1	HS0-0000	0	68	A	4	40	cap con. to plate.
1G4	1.5	HS5-3000	49	-	B	3	21	Do not tap on tube while testing!
1G5	2.0	HS5-3400	37	-	B	3	38	
1G6	1.5	HS5-6000	16	-	B	3	17	Triode #1. Do not tap on tube while testing!
1G6	1.5	HS4-3000	16	-	B	3	17	Triode #2. Do not tap on tube while testing!
1H2	1.5	BS0-0000	0	55	A	4	32	cap con. to plate.
1H4	2.0	HS5-3000	40	-	B	3	23	
1H5	1.5	HS0-3000	16	-	B	3	7	Triode Section. Cap con. to grid. Do not tap on tube while testing!
1H5	1.5	HS0-5000	0	0	A	2	40	Diode Section. Do not tap on tube while testing!
1H6	2.0	HS6-3000	23	-	B	3	14	Triode Section.
1H6	2.0	HS6-5000	0	11	A	2	40	Diode #1.
1H6	2.0	HS6-4000	0	21	A	2	40	Diode #2.
1J3	1.1	HS0-0000	0	0	A	4	38	cap con. to plate.
1J5	2.0	HS5-3400	45	-	B	3	24	
1J6	2	HS5-6000	15	-	B	3	25	Triode #1.
1J6	2.0	HS4-3000	15	-	B	3	25	Triode #2.
1K3	1,1	HS0-0000	0	0	A	4	38	cap con. to plate.
1L4	1.5	HR6-2300	19	-	B	3	26	Do not tap on tube while testing!
1L5	2.0	HS5-3400	23	-	B	3	35	
1L6	1.5	BX4-5362	65	-	B	3	16	
1LA4	1.5	JR6-2300	43	-	B	3	20	Do not tap on tube while testing!
1LA6	1.5	JR4-5362	75	-	B	3	14	Do not tap on tube while testing!
1LB4	1.5	JR6-2300	51	-	B	3	23	Do not tap on tube while testing!
1LB6	1.5	JR6-2437	-	-	-	-	-	Short Test Only!
1LB6	1.5	JR6-4375	20	-	B	3	19	
1LC5	1,5	JR6-2340	0	-	B	#	19	
1LC6	1,5	JR6-2534	-	-	-	-	-	Short Test Only!
1LC6	1,5	JR4-3526	30	-	B	#	14	
1LD5	1,5	JR6-2300	0	-	B	#	15	Pentode Section. Do not tap on tube while testing!
1LD5	1,5	JR6-4300	0	0	A	2	25	Diode Section. Do not tap on tube while testing!
1LE3	1,5	JR6-2050	20	-	B	3	30	Do not tap on tube while testing!
1LF3	1,5	JR6-2050	20	-	B	3	30	
1LG5	1,5	JR6-2340	25	-	B	3	26	
1LH4	1,5	JR6-2000	16	-	B	3	7	Triode Section. Do not tap on tube while testing!
1LH4	1,5	JR6-4000	0	0	A	2	40	Diode Section. Do not tap on tube while testing!
1LN5	1,5	JR6-2340	11	-	B	3	19	Do not tap on tube while testing!
1M3	1,5	EV1-8000	0	-	D	4	-	Adjust bias to vary bar length. Do NOT adjust bias below 25.
1N2	1,1	HS0-0000	0	68	A	4	40	cap con. to plate.
1N5	1,5	HS0-3400	11	-	B	3	19	Cap con. to grid.
1N6	1,5	HS5-3400	43	-	B	3	20	Pentode Section.
1N6	1,5	HS0-6000	0	0	A	2	18	Diode Section.
1P5	1,5	HS0-3400	11	-	B	3	20	Cap con. to grid. Do not tap on tube while testing!
1Q5	1,5	HS5-3400	37	-	B	3	53	Do not tap on tube while testing!

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
1Q6*	1,1	EV2-7800	0	-	B	#	8	F basing. Pentode Section.
1Q6*	1,1	EV0-6000	0	0	A	2	10	F basing. Diode Section.
1R4	1,5	JR0-4070	0	27	A	2	40	Diode
1R5	1,5	BX4-3062	68	-	B	3	13	Do not tap on tube while testing!
1S2A	1,5	BS0-0000	0	69	A	4	32	cap con. to plate.
1S4	1,5	BX3-2400	31	-	B	#	38	Do not tap on tube while testing!
1S5	1,5	BX6-5400	13	-	B	#	13	Pentode Section. Do not tap on tube while testing!
1S5	1,5	BX0-3400	0	0	A	2	34	Diode Section. Do not tap on tube while testing!
1S6*	1,1	EV3-1806	0	-	B	#	9	F basing. Pentode Section.
1S6*	1,1	EV0-6000	0	0	A	2	10	F basing. Diode Section.
1SA6	1,5	HS4-8630	0	-	B	#	20	
1SB6	1,5	HS8-3400	0	-	B	#	16	Pentode Section.
1SB6	1,5	HS8-5000	0	0	A	2	20	Diode Section.
1T4	1,5	BX6-2300	0	-	B	#	19	Do not tap on tube while testing!
1T5	1,5	HS5-3400	45	-	B	3	29	Do not tap on tube while testing!
1T6*	1,1	EV3-1860	0	-	B	#	5	F basing. Pentode Section.
1T6*	1,1	EV0-6000	0	0	A	2	10	F basing. Diode Section.
1U4	1,5	BX6-2300	14	-	B	3	22	Do not tap on tube while testing!
1U5	1,5	BX6-2300	34	-	B	3	13	Pentode Section. Do not tap on tube while testing!
1U5	1,5	BX6-4300	0	0	A	2	34	Diode Section. Do not tap on tube while testing!
1U6	1,5	BX4-5362	65	-	B	3	12	
1V	6,3	ER0-2030	0	53	A	7	40	
1V2	0,6	EV0-1000	0	49	A	4	40	
1V5*	1,1	EV2-7800	24	-	B	#	18	F basing.
1V6	1,1	EX3-1206	33	0	A	4	20	Pentode Section.
1V6	1,1	EX5-6001	50	0	A	4	20	Triode Section.
1W4	1,5	BX6-2300	49	-	B	3	23	
1W5*	1,1	EV2-7800	33	-	B	3	12	F basing.
1X2	1,5	BS0-0000	0	68	A	4	40	cap con. to plate.
1Z2	1,5	BS0-0000	0	53	A	4	40	cap con. to plate.
20	3	ER3-2000	77	-	B	3	13	
2050	6,3	HS5-3068	N>	90	A	4	40	Should strike between settings 43 and 33 of the BIAS dial.
2051	6,3	HS5-3068	N>	90	A	4	40	Should strike between settings 43 and 33 of the BIAS dial.
205F	5	ER3-2000	34	-	B	3	37	
2081	6,3	EV7-9863	14	-	D	3	38	Pentode Section.
2081	6,3	EV2-3019	9	-	D	3	20	Triode Section.
2082	12,6	EV7-6080	15	-	B	3	32	Triode #1.
2082	12,6	EV2-1030	15	-	B	3	32	Triode #2.
20EQ7	20	EV2-7631	29	-	B	3	27	Pentode Section.
20EQ7	20	EV0-8030	0	0	A	2	34	Triode Section.
20EZ7	20	CR8-7090	12	-	B	3	32	Triode #1.
20EZ7	20	CR5-6040	12	-	B	3	32	Triode #2.
20LF6	20	BW5-0324	70	-	D	3	38	Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.
21A6	20	EV2-0839	45	-	D	3	30	cap con. to plate.
21EX6	20	HS5-0830	49	-	D	3	39	cap con. to plate. Tubes showing shorts: Retest using HS5-0310
21JS6	20	BW5-0324	82	-	C	3	52	Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.
22	3	ER0-2300	20	-	B	#	13	Cap con. to grid.
22DE4	25	HY0-5030	0	38	A	7	50	Make line test at 58.
								Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 58. Set adapter selectors to 0-0-0.
22JF6	25	EV2-0138	55	-	D	#	45	
231D	3	ER3-2000	49	-	B	3	14	
23JS6	25	BW5-0324	82	-	C	3	52	Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 58. Set adapter selectors to 0-0-6.
24	2,5	FR0-2340	12	-	B	3	25	Cap con. to grid.
244A	2	FR3-2040	42	-	B	3	23	
245A	2	FR0-2340	55	-	B	3	18	Cap con. to grid.
247A	2	FR3-2040	33	-	B	3	23	
24A	2,5	FR0-2340	12	-	B	3	25	Cap con. to grid.
24BF11	25	BS8-3490	31	-	D	3	33	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.
24BF11	25	BY3-7625	26	-	B	3	10	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-8.
24G	6,3	ER0-0000	0	-	B	3	25	Top cap con. to plate. Side Cap con. to grid.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
256A	2,5	FR3-2040	N>	0	A	7	40	Turn bias up. Shoud strike at 80.
257A	3	ER0-2000	49	-	B	3	14	Cap con. to grid.
259A	2	FR0-2340	33	-	B	3	28	Cap con. to grid.
25A6	25	HS5-3480	43	-	B	3	58	
25A7	25	HS5-3486	50	-	B	3	45	Pentode Section.
25A7	25	HS0-6013	0	57	A	7	40	Rectifier Section.
25AC5	25	HS5-3080	0	-	B	3	38	
25AV5	25	HS1-5830	50	-	C	3	49	
25AV6	25	ET1-7025	12	-	B	3	32	Triode Section.
25AV6	25	ET1-6025	0	0	A	2	40	Diode #1.
25AV6	25	ET1-5027	0	0	A	2	40	Diode #2.
25AX4	25	HY0-5030	0	54	A	7	40	
25B5	25	GR4-2350	0	-	B	3	63	
25B6	25	HS5-3480	52	-	C	3	50	
25B8	25	HS0-3410	22	-	B	3	50	Pentode Section. Cap con. to grid.
25B8	25	HS8-5060	10	-	B	3	38	Triode Section.
25BK5	25	EV8-1860	0	-	D	3	28	
25BQ6	25	HS5-0480	50	-	C	3	56	cap con. to plate.
25C5	25	ET2-7610	10	-	D	#	45	
25C6	25	HS5-3480	33	-	D	3	30	
25CA5	25	ET2-7610	25	-	D	3	30	
25CD6	25	HS5-0830	42	-	D	3	33	cap con. to plate.
25CU6	25	HS5-0480	50	-	C	3	56	cap con. to plate.
25D8	25	HS0-3410	18	-	B	3	48	Pentode Section. Cap con. to grid.
25D8	25	HS5-6010	0	-	B	3	28	Triode Section.
25D8	25	HS5-8010	0	33	A	2	40	Diode Section.
25DK4	25	ET0-5070	0	65	A	7	40	
25DN6	25	HS5-0830	28	-	D	#	45	cap con. to plate.
25DQ6	25	HS5-0480	36	-	D	3	30	Cap connecte to plate.
25DT5	25	EV3-9170	31	-	C	3	60	
25EC6	25	HS5-0830	50	-	D	3	30	cap con. to plate.
25EH5	25	ET2-7610	31	-	C	3	50	
25F5	25	ET2-7610	35	-	C	3	50	
25L6	25	HS5-3481	10	-	D	#	45	
25N6	25	HS5-3480	0	-	B	3	63	
25T	6,3	ER3-0000	0	-	B	3	35	cap con. to plate.
25W4	25	HY0-5030	0	63	A	7	40	
25W6	25	HS5-3480	56	-	C	3	38	
25Y5	25	GR0-5040	0	33	A	7	40	Plate #1.
25Y5	25	GR0-2030	0	33	A	7	40	Plate #2.
25Z5	25	GR0-5040	0	60	A	7	40	Plate #1.
25Z5	25	GR0-2030	0	60	A	7	40	Plate #2.
25Z5MG	25	HS0-5080	0	60	A	7	40	Plate #1.
25Z5MG	25	HS0-3040	0	60	A	7	40	Plate #2.
25Z6	25	HS0-5081	0	60	A	7	40	Plate #1.
25Z6	25	HS0-3041	0	60	A	7	40	Plate #2.
26	1,5	ER3-2000	43	-	B	3	29	
262B	10	ER0-2030	31	-	B	3	25	Cap con. to grid.
264B	1,5	ER3-2000	49	-	B	3	14	
264C	1,5	ER3-2000	54	-	B	3	14	
26A6	25	ET1-5672	9	-	C	3	50	
26A7	25	HW1-8523	11	-	D	#	28	Pentode #1.
26A7	25	HW3-4521	11	-	D	#	28	Pentode #2.
26BK6	25	ET1-7025	6	-	B	3	32	Triode Section.
26BK6	25	ET0-6025	0	40	A	2	40	Diode #1.
26BK6	25	ET0-5027	0	40	A	2	40	Diode #2.
26C6	25	ET1-7020	18	-	B	3	48	Triode Section.
26C6	25	ET1-6020	0	14	A	2	40	Diode #1.
26C6	25	ET1-5020	0	14	A	2	40	Diode #2.
26D6	25	ET7-5621	-	-	-	-	-	Short Test Only!
26D6	25	ET1-6027	17	-	D	3	36	
26E6	25	HS5-3480	30	-	D	3	30	
26E6WG	25	HS5-3480	45	-	D	3	28	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
26HU5	25	JX1-0320	42	-	D	#	42	Best seen = 100.
26LW6	25	JX1-0320	42	-	D	#	42	Best seen = 100.
26Z5W	25	EV0-6080	0	50	A	7	40	Plate #1.
26Z5W	25	EV0-1030	0	50	A	7	40	Plate #2.
27	2,5	FR3-2040	41	-	B	3	25	
271A	5	FR3-2040	32	-	C	3	36	
272A	10	FR3-2040	51	-	B	3	24	
274A	5	ER0-2000	0	26	A	7	40	Plate #1.
274A	5	ER0-3000	0	26	A	7	40	Plate #2.
274B	5	JS0-6000	0	26	A	7	40	Plate #1.
274B	5	JS0-4000	0	26	A	7	40	Plate #2.
275A	5	ER3-2000	68	-	C	3	34	
27S	2,5	FR3-2040	41	-	B	3	25	
282A	10	ER3-2000	40	-	B	3	40	Best seen = 80.
283A	2	FR0-2340	28	-	B	3	25	Cap con. to grid.
285A	2	FR0-2304	40	-	B	3	23	Cap con. to grid.
286A	2	GR0-2354	31	-	B	3	23	Cap con. to grid.
28D7	25	JR7-5362	20	-	D	#	17	Pentode #1.
28D7	25	JR2-4367	20	-	D	#	17	Pentode #2.
290A	10	GR0-2354	31	-	B	3	26	Cap con. to grid.
291A	10	HR5-3462	44	-	B	3	25	Cap con. to grid.
292A	10	GR0-2050	36	-	B	3	16	Triode Section. Cap con. to grid.
292A	10	GR0-4052	0	28	A	2	40	Diode #1.
292A	10	GR0-3052	0	28	A	2	40	Diode #2.
293A	10	GR4-2350	43	-	B	3	26	
294A	10	FR0-2340	43	-	B	3	26	Cap con. to grid.
2A3	2,5	ER3-2000	67	-	C	3	38	
2A4	2,5	HS5-3000	N>	60	A	7	40	Should strike between settings of 86 and 76 of the BIAS dial.
2A5	2,5	GR4-2350	29	-	B	3	50	
2A6	2,5	GR0-2050	11	-	B	3	19	Triode Section. Cap con. to grid.
2A6	2,5	GR0-4050	0	14	A	2	40	Diode #1.
2A6	2,5	GR0-3050	0	14	A	2	40	Diode #2.
2A7	2,5	HR5-3462	41	-	B	3	29	Cap con. to grid number 4.
2AF4	2,5	ET2-1050	36	-	D	3	23	
2AV2	2	EV0-9040	0	80	A	4	30?	
2B22	6,3	HS0-0080	0	50	A	7	40	cap con. to plate.
2B23	6,3	HS0-3080	0	0	A	6	20	
2B3	1,5	HS0-0000	0	68	A	4	40	cap con. to plate.
2B4	2,5	FR3-2040	N>	90	A	4	40	Should strike between settings of 82 and 72 of the BIAS dial.
2B6	2,5	HR4-2360	15	-	B	3	38	
2B7	2,5	HR0-2360	30	-	B	3	25	Pentode Section. Cap con. to grid.
2B7	2,5	HR0-5360	0	14	A	2	40	Diode #1.
2B7	2,5	HR0-4360	0	14	A	2	40	Diode #2.
2BN4	2	ET2-5010	15	-	D	3	34	
2BN4A	2	ET2-5010	20	-	D	3	32	
2C21	6,3	HR4-5060	38	-	B	3	34	Triode #1.
2C21	6,3	HR0-3020	38	-	B	3	34	Triode #2. Cap con. to grid.
2C22	6,3	HS0-0080	13	-	C	3	38	Upper Cap con. to grid. Lower cap con. to plate.
2C26	6,3	HS0-0080	18	-	B	3	38	Right cap con. to plate. Left Cap con. to grid.
2C39	6,3	HS6-5080	18	-	E	3	50	TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY! Use adapter E107.
2C39	6,3	HS6-5080	78	0	F	3	50	TV-7D/U ONLY! Use adapter E107
2C4	2,5	HR3-5050	N>	90	A	4	40	Should strike between settings 81 and 71 of the BIAS dial.
2C40	6,3	HS0-0080	17	-	C	3	35	cap con. to plate.
2C42	6,3	HS0-0080	10	-	D	3	38	cap con. to plate. Ring connects to grid.
2C43	6,3	HS0-0080	17	-	C	3	56	cap con. to plate. Ring connects to grid.
2C45	7,5	ER3-2000	37	-	B	3	55	
2C46	6,3	HS0-0080	9	-	B	3	24	cap con. to plate. Ring connects to grid.
2C50	12,6	HY1-2030	41	-	B	3	45	Triode #1.
2C50	12,6	HY4-5060	41	-	B	3	45	Triode #2.
2C51	6,3	KR7-6082	17	-	D	3	26	Triode #1.
2C51	6,3	KR3-4028	17	-	D	3	26	Triode #2.
2C52	12,6	HY4-5062	15	-	B	3	25	Triode #1.
2C52	12,6	HY1-2035	15	-	B	3	25	Triode #2.
2C53	6,3	HS5-0080	0	-	B	3	10	cap con. to plate.
2CW4	2	DR4-2080	16	-	D	3	44	Use Hickok adapter Code No. 1050-127.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
2CY5	2,5	ET1-5620	11	-	D	#	25	
2D21	6,3	ET1-6025	N>	90	A	4	40	Should strike between settings 40 and 30 of the BIAS dial.
2DF4	2,5	EV8-3109	50	52	A	3	50	
2E22	6,3	FR3-0240	0	-	C	3	50	cap con. to plate.
2E24	6,3	HS5-0300	35	-	C	3	40	cap con. to plate. Short on 3.
2E25	6,3	HS5-0408	0	-	C	3	38	cap con. to plate.
2E26	6,3	HS5-0318	37	-	C	3	44	cap con. to plate
2E30	6,3	ET1-5602	20	-	C	3	38	
2E31	1,1	DV4-1200	0	-	B	#	10	
2E32	1,1	DV4-1200	0	-	B	#	10	
2E35	1,1	DV4-1200	18	-	B	#	15	
2E36	1,1	DV4-1200	18	-	B	#	15	
2E41	1,1	EW5-1200	20	-	B	#	10	Pentode Section.
2E41	1,1	EW0-3000	0	0	A	2	5	Diode Section.
2E42	1,1	EW5-1200	20	-	B	#	10	Pentode Section.
2E42	1,1	EW0-3000	0	0	A	2	5	Diode Section.
2E5	2,5	GR5-4030	0	100	A	3	-	Eye Open.
2E5	2,5	GR5-4230	0	100	A	3	-	Eye Closed.
2EA5	2,5	ET1-5620	10	-	D	3	26	
2EN5	2	ET0-7056	0	55	A	2	30	Diode #1.
2EN5	2	ET0-2056	0	-	D	3	49	Diode #2.
2ER5	2	ET2-5670	10	-	D	3	49	
2ES5	2,5	ET2-5010	12	-	D	3	35	
2EV5	2,5	ET1-5620	10	-	D	3	43	
2FH5	2,5	ET2-5070	13	-	D	3	40	
2FQ5	2,5	ET2-5070	15	-	D	3	42	
2FS5	2,5	ET1-5670	10	-	D	3	30	
2FY5	2,5	ET2-5016	14	-	D	3	50	
2G21	1,1	EX3-2651	53	0	A	4	20	Heptode Section.
2G21	1,1	EX3-1000	50	0	A	4	40	Triode Section.
2G22	1,1	EX3-2651	53	0	A	4	20	Heptode Section.
2G22	1,1	EX3-1000	50	0	A	4	40	Triode Section.
2G5	2,5	GR5-4030	0	100	A	3	-	Eye Open.
2G5	2,5	GR5-4230	0	100	A	3	-	Eye Closed.
2GK5	2,5	ET2-5076	30	-	C	3	38	
2HA5	2	ET1-5076	30	-	B	3	60	
2HM5	2	ET1-5076	30	-	B	3	60	
2HQ5	2,5	ET1-5076	30	-	B	3	54	
2S / 4S	2,5	FR0-3040	0	46	A	7	40	Plate #1.
2S / 4S	2,5	FR0-2040	0	46	A	7	40	Plate #2.
2T4	2,5	ET2-1050	37	-	D	3	25	
2V2	2,5	HS0-0050	0	45	A	4	40	cap con. to plate. Short on 3.
2V3	2,5	HS0-0000	0	68	A	4	40	cap con. to plate.
2W3	2,5	JS0-4000	0	0	A	7	40	
2X2A	2,5	ER0-0000	0	78	A	4	40	cap con. to plate.
2Z2	2,5	ER0-2000	0	0	A	7	34	
30	2	ER3-2000	40	-	B	3	23	
300B	5	ER3-2000	60	-	C	3	58	
303A	2	GR0-2050	36	-	B	3	16	Triode Section. Cap con. to grid.
303A	2	GR0-4052	0	0	A	2	40	Diode #1.
303A	2	GR0-3052	0	0	A	2	40	Diode #2.
307A	5	FR3-0204	32	-	B	3	64	cap con. to plate.
309A	10	FR0-2340	31	-	B	3	23	Cap con. to grid.
31	2	ER3-2000	65	-	B	3	23	
310A	10	GR0-2354	26	-	B	3	30	Cap con. to grid.
310B	10	GR0-2354	26	-	B	3	30	Cap con. to grid.
311A	10	FR0-2340	38	-	C	3	30	Cap con. to grid.
313CA	-	AP4-2010	0	80	A	4	40	
31JS6	35	BW5-0324	82	-	C	3	52	Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 0-0-6.
32	2	ER0-2300	19	-	B	#	16	Cap con. to grid.
328A	7,5	GR0-2354	16	-	B	3	44	Cap con. to grid.
329A	7,5	FR0-2340	38	-	C	3	31	Cap con. to grid.
32ET5	35	ET2-7610	37	-	C	3	54	Make line test at 56.
32L7	35	HS5-3480	34	-	C	3	60	Pentode Section.
32L7	35	HS0-6013	0	60	A	7	40	Diode Section.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
33	2	FR3-2400	35	-	B	3	36	
336A	10	GR4-2350	10	-	D	3	16	
337A	10	GR0-2354	30	-	B	3	21	Cap con. to grid.
338A	10	BV3-2040	N>	89	A	4	40	Should strike between settings 50 and 40 of the BIAS dial.
339A	5	FR3-0240	0	-	C	3	40	cap con. to plate.
34	2	ER0-2300	17	-	B	#	15	Cap con. to grid.
345A	6,3	FR0-3040	0	46	A	7	40	Plate #1.
345A	6,3	FR0-2040	0	46	A	7	40	Plate #2.
347A	6,3	HS0-4080	30	-	B	3	23	Cap con. to grid.
348A	6,3	HS0-3485	13	-	B	3	45	Cap con. to grid.
349A	6,3	HS5-3480	10	-	D	3	20	
34GD5	35	ET2-7610	38	-	C	3	60	
35	2,5	FR0-2340	24	-	B	3	26	Cap con. to grid.
350A	6,3	FR3-0240	21	-	D	3	32	cap con. to plate.
350B	6,3	HS5-3480	25	-	D	3	31	
351A	6,3	HS0-5081	0	55	A	7	40	Plate #1.
351A	6,3	HS0-3081	0	55	A	7	40	Plate #2.
352A	10	GR0-2050	36	-	B	3	16	Triode Section. Cap con. to grid.
352A	10	GR0-4050	0	28	A	2	40	Diode #1.
352A	10	GR0-3050	0	28	A	2	40	Diode #2.
35A5	35	JR6-2370	33	-	D	3	30	
35B5	35	ET1-5620	32	-	D	3	23	
35C5	35	ET2-7610	32	-	D	3	23	
35CD6	35	HS5-0830	42	-	D	3	33	cap con. to plate.
35DZ8	35	EV3-6720	24	-	D	3	30	Pentode Section.
35DZ8	35	EV1-9080	26	-	B	3	15	Triode Section.
35EH5	35	ET2-7610	10	-	D	3	35	
35GL6	35	ET2-7510	35	-	D	3	32	
35HB8	35	EV9-7680	30	-	C	3	46	Pentode Section.
35HB8	35	EV1-3020	30	-	B	3	17	Triode Section.
35L6	35	HS5-3480	33	-	D	3	30	
35T	5	ER3-0000	0	-	B	3	28	Best seen = 58. Connect cap to plate.
35W4	BLST	ET0-1670	-	-	-	-	-	Short on 1, 2, 3, 4, and 5.
35W4	35	ET0-5070	0	65	A	7	40	Rectifier Section.
35Y4	BLST	JR0-2470	-	-	-	-	-	Short on 1, 2, 3, 4, and 5.
35Y4	35	JR0-2070	0	65	A	7	40	Rectifier Section.
35Z3	35	JR0-2070	0	65	A	7	40	
35Z4	35	HS0-5080	0	65	A	7	40	
35Z5	BLST	HS0-5380	-	-	-	-	-	Short on 1, 2, 3, 4, and 5.
35Z5	35	HS0-5080	0	65	A	7	40	Rectifier Section.
35Z6	35	HS0-5080	0	65	A	7	40	Plate #1.
35Z6	35	HS0-3040	0	65	A	7	40	Plate #2.
36	6,3	FR0-2340	24	-	B	3	26	Cap con. to grid.
367A	6,3	HV6-2480	28	-	D	3	30	
36AM3	35	ET0-5070	0	40	A	7	50	
37	6,3	FR3-2040	41	-	B	3	23	
371B	-	-	-	-	-	-	-	Requires Special socket.
373A	2	HS4-8603	13	-	B	3	25	
374A	3	HS4-8603	40	-	D	3	14	
375A	20	HS5-3480	53	-	C	3	47	
38	6,3	FR0-2340	39	-	B	3	26	Cap con. to grid.
38001	5.0	ER3-2000	48	-	B	3	18	
38012	12,6	EV2-9010	25	-	D	3	39	
38019	2	GS4-5000	15	-	B	3	25	Triode #1.
38019	2	GR3-2000	15	-	B	3	25	Triode #2.
38022	3	ER0-2300	20	-	B	#	13	Cap con. to grid.
38024	2,5	FR0-2340	12	-	B	3	25	Cap con. to grid.
38027	2,5	FR3-2040	41	-	B	3	25	
38030	2	ER3-2000	40	-	B	3	23	
38031	2	ER3-2000	65	-	B	3	23	
38032	2	ER0-2300	19	-	B	#	16	Cap con. to grid.
38032A	2.0	ER0-2300	18	-	B	#	16	Cap con. to grid.
38033	2	FR3-2400	35	-	B	3	36	
38034	2	ER0-2300	17	-	B	#	15	Cap con. to grid.
38035	2,5	FR0-2340	24	-	B	3	26	Cap con. to grid.
38036	6,3	FR0-2340	24	-	B	3	26	Cap con. to grid.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
38037	6,3	FR3-2040	41	-	B	3	23	
38038	6,3	FR0-2340	39	-	B	3	26	Cap con. to grid.
38039	6,3	FR0-2340	28	-	B	3	25	Cap con. to grid.
38040	5	ER3-2000	32	-	B	8	55	
38041	6,3	GR4-2350	34	-	B	3	40	
38042	6,3	GR4-2350	29	-	B	3	50	
38045	2,5	ER3-2000	61	-	B	3	47	
38047	2,5	FR3-2400	22	-	B	3	50	
38050	7,5	ER3-2000	61	-	B	3	38	
38053	2,5	HR5-6042	12	-	B	3	38	Triode #1.
38053	2,5	HR3-2046	12	-	B	3	38	Triode #2.
38056	2,5	FR3-2040	29	-	B	3	37	
38057	2,5	GR0-2354	21	-	B	3	31	Cap con. to grid #1.
38058	2,5	GR0-2354	24	-	B	3	36	Cap con. to grid #1.
38059	2,5	HR4-2365	22	-	B	3	50	
38064	1,1	ER3-2000	45	-	B	3	16	
38071	5	ER3-2000	73	-	B	3	42	
38075	6,3	GR0-2050	11	-	B	3	19	Triode Section. Cap con. to grid.
38075	6,3	GR0-4052	0	14	A	2	40	Diode #1.
38075	6,3	GR0-3052	0	14	A	2	40	Diode #2.
38076	6,3	FR3-2040	29	-	B	3	36	
38077	6,3	GR0-2354	21	-	B	3	31	Cap con. to grid.
38078	6,3	GR0-2354	24	-	B	3	36	Cap con. to grid #1.
38085	6,3	GR0-2050	39	-	B	3	25	Triode Section. Cap con. to grid.
38085	6,3	GR0-4052	0	14	A	2	40	Diode #1.
38085	6,3	GR0-3052	0	14	A	2	40	Diode #2.
38089	6,3	GR0-2354	37	-	B	3	39	Cap con. to grid.
38101A	7,5	ER3-2000	0	-	B	3	38	
38102	12,6	EV2-9010	25	-	D	3	39	
38110	7,5	ER3-2000	12	-	B	3	38	
38142	7,5	ER3-2000	37	-	B	3	55	
38143	2,5	FR3-2040	12	-	B	3	42	
38165	7,5	ER3-0200	34	-	B	3	16	cap con. to plate.
38166	3	ER0-0000	0	67	A	7	40	cap con. to plate.
38166A	3	ER0-0000	0	67	A	7	40	cap con. to plate.
38171	2,5	ER0-0000	0	65	A	7	40	cap con. to plate.
38181	7,5	ER0-2000	0	40	A	6	40	
38182	2,5	ER0-3000	0	70	A	7	40	Plate #1.
38182	2,5	ER0-2000	0	70	A	7	40	Plate #2.
38183	5	ER0-3000	0	66	A	7	40	Plate #1.
38183	5	ER0-2000	0	63	A	7	40	Plate #2.
38184	6,3	FR0-3040	0	46	A	7	40	Plate #1.
38184	6,3	FR0-2040	0	46	A	7	40	Plate #2.
381A	6,3	JS0-5010	0	49	A	2	40	Diode.
38205	-	HP0-5020	0	60	A	4	40	
38213	2,5	ER3-2000	67	-	C	3	38	
38215	2,5	GR4-2350	29	-	B	3	50	
38233	6,3	HR4-5060	38	-	B	3	34	Triode #1.
38233	6,3	HR0-3020	38	-	B	3	34	Triode #2. Cap con. to grid.
38236	2.0	GR4-5320	56	-	B	#	25	Cap con. to grid number 4.
38250	-	HP0-5020	0	40	A	4	40	
38255	25	GR0-5040	0	60	A	7	40	Plate #1.
38255	25	GR0-2030	0	60	A	7	40	Plate #2.
38267	3	ER0-0000	0	46	A	6	40	cap con. to plate.
38274	-	AP0-3010	0	53	A	4	40	
38275	-	HP0-5020	0	60	A	4	40	
38290	-	HP0-5020	0	65	A	4	40	
383A	6,3	JS4-6010	25	-	D	3	14	
38405	2,5	ER0-2000	0	88	A	4	80	Diode #1.
38405	2,5	ER0-3000	0	88	A	4	80	Diode #2.
38565J	6,3	HS5-3080	23	-	B	3	50	
38593	5	ER0-3000	0	47	A	7	40	Plate #1.
38593	5	ER0-2000	0	42	A	7	40	Plate #2.
385A	6,3	JS5-0318	15	-	D	3	12	cap con. to plate.
38616	6,3	HR5-6040	12	-	B	3	38	Triode #1.
38616	6,3	HR3-2040	12	-	B	3	38	Triode #2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
38616	6,3	HR5-3462	41	-	B	3	29	Cap con. to grid #4.
38617	6,3	HR5-3462	41	-	B	3	29	Cap con. to grid #4.
38627	6,3	HR0-2360	30	-	B	3	25	Pentode Section. Cap con. to grid.
38627	6,3	HR0-5360	0	14	A	2	40	Diode #1.
38627	6,3	HR0-4360	0	14	A	2	40	Diode #2.
38636	6,3	GR0-2354	21	-	B	3	31	Cap con. to grid.
38646	6,3	GR0-2354	21	-	B	3	40	Cap con. to grid.
38667	6,3	HR0-2365	28	-	B	3	28	Pentode Section. Cap con. to grid.
38667	6,3	HR5-4362	28	-	B	3	13	Triode Section.
387A	6,3	JS5-0318	15	-	D	3	16	cap con. to plate.
38807	6,3	FR3-0240	33	-	C	3	48	cap con. to plate.
38814	10	FR3-0240	0	-	C	3	38	cap con. to plate.
38837	12,6	HR4-0365	0	-	C	3	50	cap con. to plate.
38842	7,5	ER3-2000	61	-	B	3	30	
38884	6,3	HS5-3080	N>	90	A	4	40	Should strike between settings 82 and 72 of the BIAS dial.
38954	6,3	GR8-0374	30	-	B	3	18	cap con. to plate.
38955	6,3	GR4-3070	22	-	B	3	48	
38956	6,3	GR8-0374	30	-	B	3	31	cap con. to plate.
38958	1,5	GR4-3000	41	-	B	3	30	
38959	1,5	GR8-0300	25	-	B	#	15	cap con. to plate.
38A3	35	EV0-1030	0	-	A	7	40	
39/44	6,3	FR0-2340	28	-	B	3	25	Cap con. to grid.
								cap con. to plate. Should strike between settings 36 and 26 of the BIAS dial.
393A	3	JR4-0000	N>	90	A	4	40	
396A	6,3	KR7-6082	17	-	D	3	26	Triode #1.
396A	6,3	KR3-4028	17	-	D	3	26	Triode #2.
398A	6,3	HS4-8603	35	-	D	3	27	
399A	1,1	BX6-2300	9	-	B	#	18	
3A2	3	BS0-0000	0	76	A	4	40	cap con. to plate.
3A3	3	HS0-0000	0	62	A	4	40	cap con. to plate.
3A4	2,5	BX4-2300	33	-	B	3	50	Do not tap on tube while testing!
3A5	3	BX5-6000	32	-	B	3	50	Triode #1. Do not tap on tube while testing!
3A5	3	BX3-2000	22	-	B	3	50	Triode #2. Do not tap on tube while testing!
								Pentode Section. Cap con. to grid #1. Short on 3. Do not tap on tube while testing!
3A8	2,5	HS0-3400	12	-	B	3	19	
3A8	2,5	HS5-6400	12	-	B	3	13	Triode Section. Short on 3. Do not tap on tube while testing!
3A8	2,5	HS0-8400	0	0	A	2	40	Diode Section. Short on 3. Do not tap on tube while testing!
3AF4A	3	ET2-1050	36	-	D	3	23	
3AL5	3	ET0-7010	0	70	A	2	40	Diode #1.
3AL5	3	ET0-2050	0	70	A	2	40	Diode #2.
3AU6	3	ET1-5672	16	-	B	3	58	
3AV6	3	ET1-7025	12	-	B	3	32	Triode Section.
3AV6	3	ET1-6025	0	0	A	2	40	Diode #1.
3AV6	3	ET1-5027	0	0	A	2	40	Diode #2.
3AW3	3	HS0-0000	0	62	A	4	40	cap con. to plate.
3B2	3	HS0-0000	0	54	A	4	40	cap con. to plate. Short on 3.
3B22	2,5	ER0-2000	0	88	A	4	80	Diode #1.
3B22	2,5	ER0-3000	0	88	A	4	80	Diode #2.
3B24	2,5	ER0-0000	0	84	A	4	40	cap con. to plate. 1st half of filament.
3B24	2,5	CR0-0000	0	84	A	4	40	cap con. to plate. 2nd half of filament.
3B25	2,5	ER0-0000	0	90	A	4	40	cap con. to plate.
3B28	2,5	ER0-0000	0	90	A	4	40	cap con. to plate.
3B29	3	ER0-0000	0	87	A	4	40	cap con. to plate.
3B4	2,5	EV3-7100	55	-	B	3	43	
3B5	2,5	HS5-3400	60	-	B	3	38	
3B7	2,5	JR6-7000	12	-	B	3	38	Triode #1. Do not tap on tube while testing!
3B7	2,5	JR3-2000	25	-	B	3	38	Triode #2. Do not tap on tube while testing!
3BA6	3	ET1-5672	9	-	C	3	41	
3BC5	3	ET1-5620	0	-	C	3	40	
3BE6	3	ET7-5621	-	-	-	-	-	Short Test Only!
3BE6	3	ET1-6027	17	-	D	3	36	
3BN4	3	ET2-5010	15	-	D	3	34	
3BN4A	3	ET2-5010	20	-	D	3	32	
3BN6	3	ET2-7516	0	-	B	3	18	Limited grid.
3BN6	3	ET6-7512	0	-	B	3	23	Quadrature grid.
3BU8	3	EV7-8219	0	-	B	3	33	Pentode #1.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
3BU8	3	EV7-3216	0	-	B	3	33	Pentode #2.
3BX6	3	EV2-7819	13	-	C	3	38	
3BY6	3	ET1-5627	21	-	B	3	30	Grid #1.
3BY6	3	ET7-5621	21	-	B	#	13	Grid #3.
3BZ6	3	ET1-5627	20	-	C	3	32	
3C2	3	HS0-0000	0	72	A	4	40	cap con. to plate.
								Short on 3. Radiating fins connect to plate. Center ring connects to grid.
3C22	6,3	HS0-0000	13	-	D	3	25	
3C24	6,3	ER0-0000	0	-	B	3	25	Top cap con. to plate. Side Cap con. to grid.
3C4	2,5	BX6-2300	44	-	B	3	28	
3C6	2,5	BY5-6000	10	-	B	3	28	Triode #1.
3C6	2,5	JR4-3000	10	-	B	3	28	Triode #2.
3CB6	3	ET1-5627	11	-	D	3	28	
3CE5	3	ET1-5620	11	-	D	3	28	
3CF6	3	ET1-5627	11	-	D	3	28	
3CS6	3	ET1-5627	20	-	B	#	8	Grid #1.
3CS6	3	ET7-5621	0	-	B	#	12	Grid #3.
3CY5	3	ET1-5620	11	-	D	#	25	
3D21A	12,6	HS6-0480	30	-	D	3	26	Short on 3.
3D6	2,5	JR6-2300	37	-	B	3	52	Do not tap on tube while testing!
3DG4	3	DR0-7000	0	36	A	7	80	Diode #1.
3DG4	3	DR0-5000	0	36	A	7	80	Diode #2.
3DK6	3	ET1-5627	8	-	D	3	33	
3DT6	3	ET1-5627	22	-	B	3	15	Grid #1.
3DT6	3	ET7-5621	0	-	B	#	10	Grid #3.
3E29	6,3	HS4-5613	0	-	D	3	20	Plate #1. Use Adapter E105.
3E29	6,3	HS4-8613	0	-	D	3	20	Plate #2. Use Adapter E105.
3E5	2,5	BX6-2350	29	-	B	#	30	Short on 3.
3E6	3	JR6-2340	15	-	B	3	40	
3EA5	3	ET1-5620	10	-	D	3	26	
3EH7	3	EV2-7819	10	-	D	3	65	
3EJ7	3	EV2-7819	10	-	D	3	39	
3ER5	3	ET2-5670	10	-	D	3	49	
3EV5	3	ET1-5620	10	-	D	3	43	
3FH5	3	ET2-5070	13	-	D	3	40	
3FQ5	3	ET2-5070	15	-	D	3	42	
3FS5	3	ET1-5670	10	-	D	3	30	
3FY5	3	ET2-5070	14	-	D	3	50	
3GK5	3	ET2-5076	30	-	C	3	38	
3GS8	3	EV7-8219	0	-	B	3	28	Pentode #1.
3GS8	3	EV7-3216	0	-	B	3	28	Pentode #2.
3HM5	3	ET1-5076	30	-	B	3	60	
3HQ5	3	ET1-5076	30	-	B	3	54	
3KT6	3	EV2-7819	22	-	C	3	52	
3LE4	2,5	JR6-2300	55	-	B	3	28	
3LF4	2,5	JR6-2300	30	-	B	3	48	Do not tap on tube while testing!
3Q4	3	HR3-2400	24	-	B	3	54	Do not tap on tube while testing!
3Q5	2,5	HS5-3400	38	-	B	3	45	Do not tap on tube while testing!
3S4	2,5	HR3-2400	28	-	B	#	38	Do not tap on tube while testing!
3V4	3	BX6-2300	31	-	B	3	50	Do not tap on tube while testing!
40	5	ER3-2000	32	-	B	3	55	
400A	1,1	BX4-3062	50	-	B	3	25	
401A	6,3	ET1-5670	12	-	B	#	50	
403A	6,3	ET1-5620	10	-	D	3	22	
403B	6,3	ET1-5620	10	-	D	3	21	
404	6,3	DZ1-6844	15	-	D	3	30	Short on 2 and 3.
404A	6,3	DZ1-6844	15	-	D	3	30	Short on 2 and 3.
407A	20	KR7-6082	17	-	D	3	26	Triode #1.
407A	20	KR3-4028	17	-	D	3	26	Triode #2.
408A	20	ET1-5620	10	-	D	3	22	
409A	6,3	ET1-5627	14	-	B	3	44	
40FR5	35	ET2-7610	40	-	C	3	52	
40Z5	BLST	HS0-5380	-	-	-	-	-	Short on 1, 2, 3, 4, and 5.
40Z5	50	HS0-5080	0	65	A	7	40	
41	6,3	GR4-2350	34	-	B	3	40	
412A	6,3	EV0-9070	0	59	A	7	40	Plate #1.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
412A	6,3	EV0-1030	0	59	A	7	40	Plate #2.
417A	6,3	DZ4-1060	20	-	E	3	15	TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY!
417A	6,3	DZ4-1060	75	0	F	3	15	TV-7D/U ONLY!
42	6,3	GR4-2350	29	-	B	3	50	
420	2,5	ER0-3000	0	70	A	7	40	Plate #1.
420	2,5	ER0-2000	0	70	A	7	40	Plate #2.
420A	12,6	EV6-8073	0	-	B	3	25	Triode #1.
420A	12,6	EV3-1026	0	-	B	3	25	Triode #2.
421A	6,3	HY4-5062	63	-	D	3	40	Triode #1.
421A	6,3	HY1-2035	63	-	D	3	40	Triode #2.
422A	5	JS0-6000	0	63	A	7	40	Plate #1.
422A	5	JS0-4000	0	63	A	7	40	Plate #2.
43	25	GR4-2350	43	-	B	3	58	
446A	6,3	HS0-0080	0	-	C	3	30	cap con. to plate. Ring connects to grid.
45	2,5	ER3-2000	61	-	B	3	47	
45Z3	50	HR0-2040	0	58	A	7	40	
45Z5	BLST	HS0-5380	-	-	-	-	-	Short on 1, 2, 3, 4, and 5.
45Z5	50	HS0-5080	0	65	A	7	40	Rectifier Section.
46	2,5	FR3-2400	30	-	B	3	50	
47	2,5	FR3-2400	22	-	B	3	50	
48	25	GR4-2350	58	-	B	3	50	
482A	5	ER3-2000	79	-	B	3	38	
482B	5	ER3-2000	57	-	B	3	38	
483	5	ER3-2000	70	-	B	3	34	
484	3	FR3-2040	37	-	B	3	33	
484A	3	FR3-2040	37	-	B	3	33	
485	3	FR3-2040	37	-	B	3	33	
486	3	FR3-2040	43	-	B	3	11	
49	2	FR3-2400	49	-	B	3	28	
4A6	3	HS5-6000	16	-	B	3	25	Triode #1.
4A6	3	CX4-3000	16	-	B	3	25	Triode #2.
4AU6	4,3	ET1-5672	16	-	B	3	58	
4AV6	4,3	ET1-7025	12	-	B	3	32	Triode Section.
4AV6	4,3	ET1-6025	0	0	A	2	40	Diode #1.
4AV6	4,3	ET1-5027	0	0	A	2	40	Diode #2.
4B31	-	-	-	-	-	-	-	Requires Special socket.
4BA6	4,3	ET1-5672	9	-	C	3	41	
4BC5	4,3	ET1-5620	0	-	C	3	40	
4BC8	4,3	EV7-6089	15	-	D	3	31	Triode #1.
4BC8	4,3	EV2-1039	15	-	D	3	31	Triode #2.
4BE6	4,3	ET7-5621	-	-	-	-	-	Short Test Only!
4BE6	4,3	ET1-6027	17	-	D	3	36	
4BL8	4,3	EV2-6371	19	-	C	3	34	Pentode Section.
4BL8	4,3	EV9-1086	34	-	C	3	36	Triode Section.
4BN4	4,3	ET2-5010	15	-	D	3	34	
4BN6	4,3	ET2-7516	0	-	B	3	18	Limiter grid.
4BN6	4,3	ET6-7512	0	-	B	3	23	Quadrature qrid.
4BQ7A	4,3	EV7-6089	14	-	D	3	32	Triode #1.
4BQ7A	4,3	EV2-1039	14	-	D	3	32	Triode #2.
4BS8	4,3	EV7-6089	17	-	D	3	36	Triode #1.
4BS8	4,3	EV2-1039	17	-	D	3	36	Triode #2.
4BU8	4,3	EV7-8219	0	-	B	3	33	Pentode #1.
4BU8	4,3	EV7-3216	0	-	B	3	33	Pentode #2.
4BX8	4,3	EV7-6089	24	-	D	3	25	Triode #1.
4BX8	4,3	EV2-1039	24	-	D	3	25	Triode #2.
4BZ6	4,3	ET1-5627	20	-	C	3	32	
4BZ7	4,3	EV7-6089	17	-	D	3	34	Triode #1.
4BZ7	4,3	EV2-1039	17	-	D	3	34	Triode #2.
4BZ8	4,3	EV7-6089	16	-	D	3	30	Triode #1.
4BZ8	4,3	EV2-1039	16	-	D	3	30	Triode #2.
4CB6	4,3	ET1-5627	11	-	D	3	28	
4CE5	4,3	ET1-5620	11	-	D	3	28	
4CS6	4,3	ET1-5627	20	-	B	#	8	Grid #1.
4CS6	4,3	ET7-5621	0	-	B	#	12	Grid #3.
4CY5	4,3	ET1-5620	11	-	D	#	25	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
4D32	6,3	HR6-0240	55	-	B	3	33	Cap = P. Use Hickok adapter 1050-107. Caution! With line voltage down, insert tube, slowly adjust line to normal position.
4DE6	4,3	ET1-5627	11	-	D	3	28	
4DK6	4,3	ET1-5627	8	-	D	3	33	
4DT6	4,3	ET1-5627	22	-	B	3	15	Grid #1.
4DT6	4,3	ET7-5621	0	-	B	#	10	Grid #3.
4EH7	4,3	EV2-7819	10	-	D	3	65	
4EJ7	4,3	EV2-7819	10	-	D	3	39	
4ES8	4,3	EV7-6080	20	-	D	3	50	Triode #1.
4ES8	4,3	EV2-1030	20	-	D	3	50	Triode #2.
4EW6	4,3	ET1-5627	26	-	B	3	52	
4GJ7	4,3	EV2-6710	25	-	B	3	60	Pentode Section.
4GJ7	4,3	EV9-8030	40	-	B	3	44	Triode Section.
4GK5	4,3	ET2-5076	30	-	C	3	38	
4GS8	4,3	EV7-8219	0	-	B	3	28	Pentode #1.
4GS8	4,3	EV7-3216	0	-	B	3	28	Pentode #2.
4HA5	4,3	ET1-5076	30	-	B	3	60	
4HQ5	4,3	ET1-5076	30	-	B	3	54	
4HS8	4,3	EV7-8219	10	-	B	3	20	Pentode #1.
4HS8	4,3	EV7-3216	10	-	B	3	20	Pentode #2.
50	7,5	ER3-2000	61	-	B	3	38	
50A5	50	JR6-2370	10	-	D	#	45	
50AX6	50	HS0-5080	0	65	A	7	40	Plate #1.
50AX6	50	HS0-3040	0	65	A	7	40	Plate #2.
50B5	50	ET1-5620	10	-	D	#	45	
50BK5	50	EV3-1860	0	-	D	3	28	
50BM8	50	EV3-6720	32	-	C	3	56	Pentode Section.
50BM8	50	EV1-9080	14	-	B	3	41	Triode Section.
50C5	50	ET2-7610	10	-	D	#	45	
50C6	50	HS5-3481	33	-	D	3	30	
50CD6	50	HS5-0830	42	-	D	3	33	Cap = P.
50DC4	50	ET0-5070	0	44	A	7	60	
50EH5	50	ET2-7610	31	-	C	3	50	
50FA5	50	ET2-7610	38	-	C	3	65	
50FE5	50	HS5-3480	45	-	D	3	60	
50FK5	50	ET2-7610	27	-	C	2	60	
50FY8	50	EV3-6720	20	-	D	3	31	Pentode Section.
50FY8	50	EV1-9080	30	-	B	3	23	Triode Section.
50HC6	50	ET2-7310	10	-	D	#	45	
50HK6	50	ET2-7310	10	-	D	#	45	
50L6	50	HS5-3480	10	-	D	#	45	
50X6	50	JR0-6075	0	60	A	7	40	Plate #1.
50X6	50	JR0-3025	0	60	A	7	40	Plate #2.
50Y6	50	HS0-5080	0	60	A	7	40	Plate #1.
50Y6	50	HS0-3040	0	60	A	7	40	Plate #2.
50Y7	BLST	HS0-0600	-	-	-	-	-	Short on 1, 2, 3, 4, and 5.
50Y7	50	HS0-5080	0	60	A	7	40	Plate #1.
50Y7	50	HS0-3040	0	60	A	7	40	Plate #2.
50Z7	BLST	HS0-0600	-	-	-	-	-	Short on 1, 2, 3, 4, and 5.
50Z7	50	HS0-5080	0	60	A	7	40	Plate #1.
50Z7	50	HS0-3040	0	60	A	7	40	Plate #2.
51 / 51S	2,5	FR0-2340	24	-	B	3	26	Cap con. to grid.
52	6,3	FR3-2400	33	-	C	3	30	
53	2,5	HR5-6042	12	-	B	3	38	Triode #1.
53	2,5	HR3-2046	12	-	B	3	38	Triode #2.
55	2,5	GR0-2050	39	-	B	3	24	Triode Section. Cap con. to grid.
55	2,5	GR0-4050	0	14	A	2	40	Diode #1.
55	2,5	GR0-3050	0	14	A	2	40	Diode #2.
5516	6,3	HS5-0310	20	-	C	3	50	cap con. to plate. Short on 3.
5517	BLST	AP0-4070	0	44	A	6	40	cap con. to plate.
5556	4,3	ER3-2000	26	-	B	3	25	
559	6,3	HS0-0080	0	63	A	2	40	Diode. cap con. to plate.
5590	6,3	ET1-5670	12	-	B	#	50	
5591	6,3	ET1-5620	10	-	D	3	21	
56	2,5	FR3-2040	29	-	B	3	37	
5603	6,3	HS4-8603	35	-	D	3	27	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
5608A	2,5	HR5-6042	12	-	B	3	38	Triode #1.
5608A	2,5	HR3-2046	12	-	B	3	38	Triode #2.
5610	6,3	ET6-1020	27	-	C	3	50	
5618	6,3	BX6-2340	24	-	C	3	38	
5633*	6,3	EW3-0512	26	-	B	3	33	E basing. Top lead connects to plate.
5634*	6,3	EW3-0512	17	-	D	3	15	E basing. Top lead connects to plate.
5635*	6,3	DW1-7084	28	-	B	3	33	F basing. Triode #1.
5635*	6,3	DW2-5084	28	-	B	3	33	F basing. Triode #2.
5636	6,3	DW1-5724	22	-	B	3	33	Grid #1.
5636	6,3	DW4-5721	22	-	B	#	12	Grid #3.
5637*	6,3	DU2-1050	31	-	B	3	12	C basing.
5638*	6,3	EW3-1520	18	-	D	3	16	E basing.
5639*	6,3	DW1-5720	25	-	D	3	21	F basing.
5640*	6,3	DW1-5780	54	-	C	3	38	F basing.
5641*	6,3	DW0-2050	0	40	A	7	40	B basing.
5642	1,1	BS0-0000	0	0	A	7	4	Top lead connects to plate.
5643*	6,3	DW7-1250	N>	58	A	7	40	F basing. Should strike between settings 80 and 70 of the BIAS dial.
5645*	6,3	FT4-1020	36	-	B	3	30	D basing.
5646*	6,3	FT4-1020	28	-	B	3	12	D basing.
5647*	6,3	CT0-1040	0	70	A	2	40	A basing. Diode.
5648	6,3	HS6-5080	18	-	E	3	50	TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY! Use adapter E107.
5648	6,3	HS6-5080	78	0	F	3	50	TV-7D/U ONLY! Use adapter E107
5651	-	AP0-1070	0	50	A	4	40	
5654	6,3	ET1-5620	10	-	D	3	22	
5656	6,3	EV2-8193	0	-	C	#	43	Tetrode #1.
5656	6,3	EV3-7192	0	-	C	#	43	Tetrode #2.
5659	12,6	HS5-3480	22	-	C	3	38	
5660	12,6	HS0-3680	8	-	B	3	34	Pentode Section. Cap con. to grid.
5660	12,6	HS0-5680	0	23	A	2	40	Diode #1.
5660	12,6	HS0-4680	0	23	A	2	40	Diode #2.
5661	6,3	HS4-8653	21	-	B	3	50	
5662	6,3	ET1-7050	N>	90	A	4	40	Should strike between settings 40 and 30 of the BIAS dial.
5663	6,3	ET1-7520	N>	66	A	7	40	Should strike between settings 80 and 70 of the BIAS dial.
5670	6,3	KR7-6080	17	-	D	3	26	Triode #1.
5670	6,3	KR3-4020	17	-	D	3	26	Triode #2.
5672	1,1	DV4-1200	50	-	B	3	16	
5676	1,1	ES3-1000	37	-	B	3	25	
5677	1,1	ES3-1000	40	-	B	3	11	
5678	1,1	DV4-1200	24	-	B	3	19	
5679	6,3	JR0-6075	0	60	A	2	40	Diode #1.
5679	6,3	JR0-3025	0	60	A	2	40	Diode #2.
5686	6,3	EV2-7630	18	-	C	3	39	
5687	12,6	EV7-9061	23	-	D	3	38	Triode #1.
5687	12,6	EV2-1039	23	-	D	3	38	Triode #2.
5690	6,3	HW0-5083	0	63	A	7	40	Unit #1.
5690	6,3	CR0-3045	0	63	A	7	40	Unit #2.
5691	6,3	HY4-5062	0	-	B	3	32	Triode #1.
5691	6,3	HY1-2035	0	-	B	3	32	Triode #2.
5692	6,3	HY4-5062	23	-	B	3	50	Triode #1.
5692	6,3	HY1-2035	23	-	B	3	50	Triode #2.
5693	6,3	HS4-8653	22	-	B	3	40	
5694	6,3	HS4-3010	0	-	B	3	50	Triode #1.
5694	6,3	HS5-6080	0	-	B	3	50	Triode #2.
5696	6,3	ET1-6025	N>	68	A	7	40	Should strike between settings 80 and 70 of the BIAS dial.
57	2,5	GR0-2354	21	-	B	3	31	Cap con. to grid #1.
5702	6,3	DU7-1265	10	-	D	3	22	
5703	6,3	DU5-1060	20	-	D	3	25	
5704	6,3	CT0-1040	0	69	A	2	40	Diode.
5718*	6,3	DW1-8057	22	-	D	3	28	F basing.
5719*	6,3	DW1-8057	23	-	B	3	20	F basing.
5722	5	DU0-1000	0	20	A	2	68	
5725	6,3	ET1-5627	14	-	B	3	44	
5726	6,3	ET0-7010	0	70	A	2	40	Diode #1.
5726	6,3	ET0-2050	0	70	A	2	40	Diode #2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
5727	6,3	ET1-6025	N>	90	A	4	40	Should strike between settings 40 and 30 of the BIAS dial.
572B	6,3	ER3-0000	0	-	B	3	36	cap con. to plate. Best seen = 56.
5731	6,3	GR4-3074	25	-	B	3	38	
5732	6,3	HS0-3485	19	-	B	3	36	Cap con. to grid.
5742	4,3	ER3-2000	10	-	B	3	21	
5744	6,3	CT4-1050	5	-	D	3	20	
5749	6,3	ET1-5672	9	-	C	3	41	
5750	6,3	ET7-5621	-	-	-	-	-	Short Test Only!
5750	6,3	ET1-6027	17	-	D	3	36	
5751	12,6	EV7-6080	12	-	B	3	32	Triode #1.
5751	12,6	EV2-1030	12	-	B	3	32	Triode #2.
5755	12,6	EV6-8073	0	-	B	3	25	Triode #1.
5755	12,6	EV3-1026	0	-	B	3	25	Triode #2.
5763	6,3	EV9-1673	8	-	D	3	35	
5784	6,3	DU7-1265	20	-	B	3	45	
5785	1,1	GX0-1000	0	0	A	2	20	
5787	BLST	AP0-3050	0	54	A	4	40	
57A	6,3	GR0-2354	21	-	B	3	31	Cap con. to grid.
58	2,5	GR0-2354	24	-	B	3	36	Cap con. to grid #1.
5812	6,3	ET1-5602	34	-	C	3	54	
5814	12,6	EV7-6080	24	-	B	3	56	Triode #1.
5814	12,6	EV2-1030	24	-	B	3	56	Triode #2.
5823	BLST	AP4-1030	100	84	A	4	40	Short on 1, 2, 3, 4, and 5.
5824	25	HS5-3480	52	-	C	3	50	
5825	1,5	ER0-0000	0	0	A	4	10	cap con. to plate.
5829	6,3	DV0-6070	0	63	A	2	40	Diode #1.
5829	6,3	DV0-1020	0	63	A	2	40	Diode #2.
5838	12,6	HS0-5080	0	0	A	7	50	Plate #1.
5838	12,6	HS0-3080	0	0	A	7	50	Plate #2.
5839	25	HS0-5083	0	30	A	7	40	Plate #1.
5839	25	HS0-3085	0	30	A	7	40	Plate #2.
5840*	6,3	DW1-5740	22	-	C	3	31	F basing.
5842	6,3	DZ4-1060	20	-	E	3	15	TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY!
5842	6,3	DZ4-1060	75	0	F	3	15	TV-7D/U ONLY!
5844	6,3	ET5-2070	26	-	C	3	38	Triode #1.
5844	6,3	ET6-1070	26	-	C	3	38	Triode #2.
5847	6,3	DZ1-6844	15	-	D	3	30	Short on 2 and 3.
5851	2,5	HR8-3600	35	-	B	3	40	
5852	6,3	HS0-5080	0	20	A	7	40	Plate #1.
5852	6,3	HS0-3080	0	20	A	7	40	Plate #2.
5854	1,1	DV4-1200	45	-	B	3	12	
5871	6,3	HS5-3481	21	-	C	3	46	
5875	1,1	DV4-1200	20	20	A	3	50	
5876	6,3	HS3-5060	10	-	?	?	?	<<<< MISSING DATA
5879	6,3	EV1-8739	21	-	B	3	25	
5881	6,3	HS5-3481	23	-	D	3	25	
5886	1,1	DU7-2100	34	0	A	2	15	
5894	6,3	HS4-5610	13	-	C	3	50	Plate #1.
5894	6,3	HS4-8610	13	-	C	3	50	Plate #2.
5896*	6,3	DW0-5074	0	57	A	7	40	F basing. Plate #1.
5896*	6,3	DW0-1023	0	57	A	7	40	F basing. Plate #2.
5897*	6,3	DW1-8050	20	-	D	3	29	F basing.
5899*	6,3	DW1-5740	21	-	B	3	50	F basing.
58A / 58AS	6,3	GR0-2354	24	-	B	3	36	Cap con. to grid.
59	2,5	HR4-2365	22	-	B	3	50	
5900*	6,3	DW1-5740	21	-	B	3	50	F basing.
5902*	6,3	DW1-5720	43	-	C	3	53	F basing.
5903*	25	DW0-5074	0	57	A	7	40	F basing. Plate #1.
5903*	25	DW0-1024	0	57	A	7	40	F basing. Plate #2.
5904*	25	DW1-8050	43	-	B	3	25	F basing.
5905	25	DW1-5720	13	-	D	#	13	
5906*	25	DW1-5720	6	-	D	3	25	F basing.
5907*	25	DW1-5720	28	-	B	#	30	F basing.
5908	25	DW1-5724	18	-	D	#	11	
5910	1,5	VX6-2300	19	-	B	3	18	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
5915	6,3	ET7-5621	20	-	B	3	30	Amplifier Section.
5915	6,3	ET1-5627	10	-	B	3	38	Oscillator Section.
5916	25	DW1-5724	22	-	B	3	33	F basing.
5920	6,3	ET5-2070	36	-	C	3	26	Triode #1.
5920	6,3	ET6-1070	36	-	C	3	26	Triode #2.
5930	2,5	ER3-2000	67	-	C	3	38	
5931	5	JS0-6000	0	47	A	7	40	Plate #1.
5931	5	JS0-4000	0	42	A	7	40	Plate #2.
5932	6,3	HS5-3481	23	-	D	3	25	
5933	6,3	FR3-0240	33	-	C	3	48	cap con. to plate.
5961	6,3	HS8-3465	-	-	-	-	-	Short Test Only!
5961	6,3	HS5-4068	0	-	C	3	50	
5963	12,6	EV7-6080	30	-	B	3	50	Triode #1.
5963	12,6	EV2-1030	30	-	B	3	50	Triode #2.
5964	6,3	ET5-2076	16	-	D	3	25	Triode #1.
5964	6,3	ET6-1075	16	-	D	3	25	Triode #2.
5965	12,6	EV7-6081	13	-	D	3	33	Triode #1.
5965	12,6	EV2-1036	13	-	D	3	33	Triode #2.
5967	1,1	ES6-8013	32	-	D	3	10	Triode #1.
5967	1,1	ES3-1086	32	-	D	3	10	Triode #2.
5971	1,1	FT2-1000	20	-	B	3	33	
5975	6,3	EV3-1020	29	-	D	3	20	
5977*	6,3	DW1-8053	29	-	D	3	23	F basing.
5987*	6,3	DW1-2050	74	-	B	3	46	F basing.
5992	6,3	HS5-3480	21	-	C	3	44	
5993	6,3	DX0-9051	0	34	A	7	40	Plate #1.
5993	6,3	DX0-1059	0	34	A	7	40	Plate #2.
5995	6,3	ET0-1050	0	45	A	7	40	Leads = 1-3-4-5.
5998	6,3	HY4-5062	63	-	D	3	40	Triode #1.
5998	6,3	HY1-2035	63	-	D	3	40	Triode #2.
5A6	5	EV7-1603	46	-	C	3	38	
5AM8	5	EV2-6319	7	-	D	3	25	Pentode Section.
5AM8	5	EV0-8070	0	70	A	2	40	Diode Section.
5AN8	5	EV8-6791	7	-	D	3	31	Pentode Section.
5AN8	5	EV2-1736	21	-	C	3	42	Triode Section.
5AQ4	5	JS0-6000	0	60	A	7	40	Plate #1.
5AQ4	5	JS0-4000	0	60	A	7	40	Plate #2.
5AQ5	5	ET1-5620	21	-	C	3	46	
5AR4	5	JS0-6000	0	70	A	7	40	Plate #1.
5AR4	5	JS0-4000	0	70	A	7	40	Plate #2.
5AS4	5	JS0-6000	0	47	A	7	40	Plate #1.
5AS4	5	JS0-4000	0	42	A	7	40	Plate #2.
5AS8	5	EV2-9137	11	-	D	3	28	Pentode Section.
5AS8	5	EV0-6087	0	70	A	2	40	Diode Section.
5AT8	5	EV9-6738	9	-	D	3	23	Pentode Section.
5AT8	5	EV1-2038	15	-	D	3	23	Triode Section.
5AU4	5	JS0-6000	0	58	A	7	40	Plate #1.
5AU4	5	JS0-4000	0	53	A	7	40	Plate #2.
5AV8	5	EV6-9870	7	-	D	3	31	Pentode Section.
5AV8	5	EV2-3010	21	-	C	3	42	Triode Section.
5AW4	5	JS0-6004	0	50	A	7	40	Plate #1.
5AW4	5	JS0-4006	0	45	A	7	40	Plate #2.
5AX4	5	JS0-6000	0	0	A	7	40	Plate #1.
5AX4	5	JS0-4000	0	0	A	7	40	Plate #2.
5AZ4	5	JS0-4006	0	0	A	7	40	Plate #1.
5AZ4	5	JS0-6004	0	0	A	7	40	Plate #2.
5B8	5	EV6-9871	7	-	D	3	31	Pentode Section.
5B8	5	EV2-3019	24	-	C	3	42	Triode Section.
5BE8	5	EV9-6783	20	-	B	3	57	Pentode Section. Short on 2 and 3.
5BE8	5	EV1-2030	16	-	C	3	57	Triode Section.
5BK7A	5	EV7-6089	8	-	D	3	43	Triode #1.
5BK7A	5	EV2-1039	8	-	D	3	43	Triode #2.
5BQ7A	5	EV7-6089	14	-	D	3	32	Triode #1.
5BQ7A	5	EV2-1039	14	-	D	3	32	Triode #2.
5BR8	5	EV9-6780	15	-	B	3	57	Pentode Section.
5BR8	5	EV1-2030	16	-	C	3	57	Triode Section.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
5BS8	5	EV7-6089	17	-	D	3	36	Triode #1.
5BS8	5	EV2-1039	17	-	D	3	36	Triode #2.
5BT8	5	EV8-6790	11	-	D	3	28	Pentode Section.
5BT8	5	EV0-1030	0	50	A	2	40	Diode #1.
5BT8	5	EV0-2030	0	50	A	2	40	Diode #2.
5BW8	5	EV6-9870	15	-	B	3	57	Pentode Section.
5BW8	5	EV0-3020	0	70	A	2	40	Diode #1.
5BW8	5	EV0-1020	0	70	A	2	40	Diode #2.
5BZ7	5	EV7-6089	17	-	D	3	34	Triode #1.
5BZ7	5	EV2-1039	17	-	D	3	34	Triode #2.
5C22	-	-	-	-	-	-	-	Requires Special socket.
5CG8	5	EV9-6780	9	-	D	3	23	Pentode Section.
5CG8	5	EV1-2030	15	-	D	3	23	Triode Section.
5CL8	5	EV9-6780	8	-	D	3	20	Tetrode section.
5CL8	5	EV1-2030	12	-	D	3	35	Triode section.
5CM6	5	EV3-9170	21	-	C	3	46	
5CM8	5	EV2-6730	11	-	D	3	28	Pentode Section.
5CM8	5	EV9-1080	18	-	B	3	25	Triode Section.
5CQ8	5	EV2-6730	18	-	C	3	38	Tetrode section.
5CQ8	5	EV9-1080	22	-	C	3	44	Triode Section.
5CU4	5	JS0-6010	0	70	A	7	32	Plate #1.
5CU4	5	JS0-4010	0	70	A	7	32	Plate #2.
5CZ5	5	EV3-9170	15	-	C	3	60	
5DH8	5	EV9-6738	10	-	D	3	26	Pentode Section.
5DH8	5	EV1-2030	27	-	B	3	47	Triode Section.
5DJ4	5	JS0-6000	0	50	A	7	40	Plate #1.
5DJ4	5	JS0-4000	0	44	A	7	40	Plate #2.
5EA8	5	EV2-6730	0	-	D	3	28	Pentode Section.
5EA8	5	EV9-1080	10	-	D	3	46	Triode Section.
5EH8	5	EV7-9860	22	-	B	3	53	Pentode Section.
5EH8	5	EV2-3010	24	-	C	3	51	Triode Section.
5ES8	5	EV7-6080	20	-	D	3	50	Triode #1.
5ES8	5	EV2-1030	20	-	D	3	50	Triode #2.
5EU8	5	EV7-1980	0	-	D	3	28	Pentode Section.
5EU8	5	EV2-3060	10	-	D	3	46	Triode Section.
5EW6	5	ET1-5627	26	-	B	3	52	
5FG7	5	EV9-6780	19	-	C	3	36	Pentode Section.
5FG7	5	EV1-2030	29	-	C	3	35	Triode Section.
5FV8	5	EV9-6780	10	-	C	3	50	Pentode Section.
5FV8	5	EV1-2030	16	-	D	3	38	Triode Section.
5GH8	5	EV2-6370	19	-	C	3	38	Pentode Section.
5GH8	5	EV9-1080	13	-	D	3	42	Triode Section.
5GJ7	5	EV2-6710	25	-	B	3	60	Pentode Section.
5GJ7	5	EV9-8030	40	-	B	3	44	Triode Section.
5GM6	5	ET1-5627	10	-	D	3	38	
5HZ6	5	ET1-5627	16	-	B	3	40	
5J6	5	ET5-2070	18	-	D	3	23	Triode #1.
5J6	5	ET6-1070	15	-	D	3	23	Triode #2.
5KT6	5	EV2-7819	22	-	C	3	52	
5KT8	5	EV7-9860	15	-	C	3	57	Pentode Section.
5KT8	5	EV2-3010	26	-	B	3	38	Triode Section.
5R4	5	JS0-6000	0	39	A	7	40	Plate #1.
5R4	5	JS0-4000	0	36	A	7	40	Plate #2.
5T4	5	JS0-6000	0	54	A	7	40	Plate #1.
5T4	5	JS0-4000	0	47	A	7	40	Plate #2.
5T8	5	EV8-9076	11	-	B	3	30	Triode Section.
5T8	5	EV0-6071	0	70	A	2	40	Diode #1.
5T8	5	EV0-2036	0	70	A	2	40	Diode #2.
5T8	5	EV0-1078	0	70	A	2	40	Diode #3.
5U4	5	JS0-6000	0	47	A	7	40	Plate #1.
5U4	5	JS0-4000	0	42	A	7	40	Plate #2.
5U8	5	EV2-6370	15	-	B	3	57	Pentode Section.
5U8	5	EV9-1080	16	-	C	3	57	Triode Section.
5V3	5	JS0-6004	0	58	A	7	40	Plate #1.
5V3	5	JS0-4006	0	53	A	7	40	Plate #2.
5V4	5	JS0-6000	0	60	A	7	40	Plate #1.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
5V4	5	JS0-4000	0	60	A	7	40	Plate #2.
5V6	5	HS5-3481	21	-	C	3	46	
5W4	5	JS0-6000	0	16	A	7	40	Plate #1.
5W4	5	JS0-4000	0	0	A	7	40	Plate #2.
5X3	5	ERO-3000	0	0	A	7	40	Plate #1.
5X3	5	ERO-2000	0	0	A	7	40	Plate #2.
5X4	5	HY0-5000	0	47	A	7	40	Plate #1.
5X4	5	HY0-3000	0	42	A	7	40	Plate #2.
5X8	5	EV7-9861	9	-	D	3	23	Pentode Section.
5X8	5	EV2-3861	15	-	D	3	23	Triode Section.
5Y3	5	JS0-6000	0	0	A	7	40	Plate #1.
5Y3	5	JS0-4000	0	0	A	7	40	Plate #2.
5Y4	5	HY0-5000	0	0	A	7	40	Plate #1.
5Y4	5	HY0-3000	0	0	A	7	40	Plate #2.
5Z3	5	ERO-3000	0	47	A	7	40	Plate #1.
5Z3	5	ERO-2000	0	42	A	7	40	Plate #2.
5Z4	5	JS0-6000	0	64	A	7	40	Plate #1.
5Z4	5	JS0-4000	0	64	A	7	40	Plate #2.
6000	25	HS1-5830	16	-	D	3	34	
6004	5	JS0-0000	0	8	A	7	34	Left cap con. to plate.
6004	5	JS0-0000	0	8	A	7	35	Right cap connects to plate.
6005	6,3	ET1-5620	21	-	C	3	46	
6006	6,3	HS4-8651	0	-	C	3	42	
6007	1,1	DV4-2100	20	0	A	2	15	
6008	0,6	DV4-2100	24	0	A	2	4	
6012	6,3	HS3-5018	N>	90	A	4	32	Should strike between settings 40 and 30 of the BIAS dial.
6021*	6,3	GT7-8050	20	-	D	3	26	F basing. Triode #1.
6021*	6,3	GT2-1040	20	-	D	3	26	F basing. Triode #2.
6026*	6,3	EV7-8030	21	-	D	3	30	F basing.
6028	20	ET1-5620	10	-	D	3	22	
6029	1,1	CU3-1000	34	-	B	3	50	
6050	1,1	ES3-1000	41	-	B	3	25	
6052*	6,3	DW0-5074	0	57	A	7	40	F basing. Plate #1.
6052*	6,3	DW0-1024	0	57	A	7	40	F basing. Plate #2.
6055*	25	DW1-8050	43	-	B	3	25	F basing.
6059	6,3	EV2-7839	28	-	B	3	26	
6060	12,6	EV7-6080	10	-	C	3	50	Triode #1.
6060	12,6	EV2-1030	10	-	C	3	50	Triode #2.
								If short indication is obtained on positions 1,2,3, and 5 on shorts test, use the following selector settings: EV1-7839. All other settings remain the same.
6061	6,3	EV2-7839	21	-	C	3	46	
6062	6,3	EV9-1673	8	-	D	3	35	
6063	6,3	ET0-6070	0	30	A	7	40	Plate #1.
6063	6,3	ET0-1070	0	30	A	7	40	Plate #2.
6064	6,3	ET1-5726	10	-	D	3	25	
6066	6,3	ET1-7020	18	-	B	3	30	Triode Section.
6066	6,3	ET1-6020	0	0	A	2	40	Diode #1.
6066	6,3	ET1-5020	0	0	A	2	20	Diode #2.
6067	12,6	EV7-6080	24	-	B	3	56	Triode #1.
6067	12,6	EV2-1030	24	-	B	3	56	Triode #2.
6072	12,6	EV7-6080	15	-	B	3	32	Triode #1.
6072	12,6	EV2-1030	15	-	B	3	32	Triode #2.
6073	BLST	AP0-5020	0	32	A	4	40	Short on 1, 2, 3, 4, and 5.
6074	BLST	AP0-5020	0	40	A	4	40	Short on 1, 2, 3, 4, and 5.
6080	6,3	HY4-5062	100	-	C	3	36	Triode #1.
6080	6,3	HY1-2035	100	-	C	3	36	Triode #2.
6082	25	HY4-5062	100	-	C	3	43	Triode #1.
6082	25	HY1-2035	100	-	C	3	43	Triode #2.
6084	6,3	EV9-6138	20	-	B	3	33	
6085	12,6	EV7-6080	11	-	C	3	32	Triode #1.
6085	12,6	EV2-1030	11	-	C	3	32	Triode #2.
6086	20	EV2-6139	12	-	D	3	45	
6087	5	JS0-6000	0	24	A	7	40	Plate #1.
6087	5	JS0-4000	0	24	A	7	40	Plate #2.
6088	1,1	DV4-1200	20	-	B	#	10	
6094	6,3	DV1-4280	21	-	C	3	46	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6095	6,3	ET1-5620	21	-	C	3	46	
6096	6,3	ET1-5620	10	-	D	3	22	
6097	6,3	ET0-7010	0	70	A	2	40	Diode #1.
6097	6,3	ET0-2050	0	70	A	2	40	Diode #2.
6098	6,3	GY7-3510	34	-	D	3	27	
6099	6,3	ET5-2070	15	-	D	3	23	Triode #1.
6099	6,3	ET6-1070	15	-	D	3	23	Triode #2.
60FX5	50	ET2-7610	15	-	D	3	31	
6100	6,3	ET6-1070	24	-	B	3	55	
6101	6,3	ET5-2076	16	-	D	3	25	Triode #1.
6101	6,3	ET6-1075	16	-	D	3	25	Triode #2.
6106	5	JS0-6000	0	30	A	7	40	Plate #1.
6106	5	JS0-4000	0	30	A	7	40	Plate #2.
6110*	6,3	DW0-5074	0	62	A	2	40	F basing. Diode #1.
6110*	6,3	DW0-1024	0	62	A	2	40	F basing. Diode #2.
6111*	6,3	DW7-8050	24	-	D	3	25	F basing. Triode #1.
6111*	6,3	DW2-1040	24	-	D	3	25	F basing. Triode #2.
6112	6,3	DW7-8050	13	-	D	3	13	Triode #1.
6112	6,3	DW2-1040	13	-	D	3	13	Triode #2.
6113	6,3	HY4-5062	0	-	B	3	32	Triode #1.
6113	6,3	HY1-2035	0	-	B	3	32	Triode #2.
6118	6,3	HS0-3081	17	-	B	3	20	Triode Section. Cap con. to grid.
6118	6,3	HS0-5083	0	14	A	2	40	Diode #1.
6118	6,3	HS0-4083	0	14	A	2	40	Diode #2.
6134	6,3	HS4-8653	10	-	D	3	30	
6135	6,3	ET6-1070	24	-	B	3	55	
6136	6,3	ET1-5672	16	-	B	3	58	
6137	6,3	HS4-8653	22	-	B	3	48	
6145	6,3	JR6-2374	0	-	D	3	33	
6146	6,3	HS5-0318	30	-	D	3	35	cap con. to plate.
6147	2,5	HS8-3600	35	-	B	3	40	
6148	6,3	DU7-1265	10	-	D	3	22	
6152	6,3	EV3-1020	29	-	D	3	20	
6159	25	HS5-0318	30	-	D	3	35	cap con. to plate.
6169*	6,3	DW1-2040	12	-	D	3	30	F basing.
6184*	6,3	DW0-2048	0	65	A	2	40	F basing. Diode #1.
6184*	6,3	DW0-7058	0	65	A	2	40	F basing. Diode #2.
6185	6,3	KR7-6082	17	-	D	3	26	Triode #1.
6185	6,3	KR3-4028	17	-	D	3	26	Triode #2.
6186	6,3	ET1-5620	10	-	D	3	20	
6187	6,3	ET1-5627	14	-	B	3	44	
6188	6,3	HY4-5062	5	-	B	3	30	Triode #1.
6188	6,3	HY1-2035	5	-	B	3	30	Triode #2.
6189	12,6	EV7-6080	24	-	B	3	56	Triode #1.
6189	12,6	EV2-1030	24	-	B	3	56	Triode #2.
6197	6,3	EV2-6317	10	-	D	3	30	
6201	12,6	EV7-6080	10	-	C	3	50	Triode #1.
6201	12,6	EV2-1030	10	-	C	3	50	Triode #2.
6202	6,3	ET0-6071	0	22	A	7	40	Plate #1.
6202	6,3	ET0-1076	0	22	A	7	40	Plate #2.
6203	6,3	EV0-9071	0	43	A	7	40	Plate #1.
6203	6,3	EV0-1079	0	43	A	7	40	Plate #2.
6205	6,3	DW1-5724	22	-	C	3	31	
6206	6,3	DW1-5724	21	-	B	3	50	
6211	12,6	EV7-6082	22	-	D	3	18	Triode #1.
6211	12,6	EV2-1037	22	-	D	3	18	Triode #2.
6216	6,3	EV2-1730	23	-	D	3	50	
6221	6,3	DW1-8050	32	-	B	3	54	
6222	6,3	DW1-8050	33	0	A	3	16	
6223	6,3	DW1-5780	28	-	B	3	44	
6225	6,3	DW1-5720	27	-	B	3	53	
6227	6,3	EV2-7839	14	-	D	3	35	
6245	6,3	ET7-1265	18	-	D	3	17	
6247*	6,3	DW1-8050	12	-	D	3	16	F basing.
6252	6,3	HS4-8613	13	-	C	3	38	Tetrode #1. Use adapter E105.
6252	6,3	HS4-5613	13	-	C	3	38	Tetrode #2. Use adapter E105.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6265	6,3	ET1-5627	15	-	B	3	50	
6267	6,3	EV9-6138	28	-	B	3	18	
6281	0,6	DV4-1200	30	0	A	4	20	
6286	1,1	CU3-1000	40	-	D	3	9	
6288	2,5	ERO-0000	0	69	A	7	40	cap con. to plate.
629	2,5	FR3-2040	N>	87	A	4	40	Should strike between settings of 37 and 27 of the BIAS dial.
6293	6,3	HS5-0310	25	-	D	3	36	
6297	6,3	EV2-6317	10	-	D	3	30	
6336	6,3	HY4-5062	100	-	C	3	36	Triode #1.
6336	6,3	HY1-2035	100	-	C	3	36	Triode #2.
6350	12,6	EV8-6073	25	-	D	3	23	Triode #1.
6350	12,6	EV3-1028	25	-	D	3	23	Triode #2.
6355	6,3	FT1-4270	0	100	A	3	-	Eye 1 open. Eye 2 closed.
6355	6,3	FT4-1270	0	100	A	3	-	Eye 2 open. Eye 1 closed.
6360	12,6	EV3-8720	44	-	C	3	40	Tetrode #1. Connect the negative (-) end of a 30-volt battery to pin #1 of the loktal test socket. Connect the positive (+) end of the 30-volt battery to pin #2 of the loktal test socket. CAUTION: Disconnect battery before changing selector switch positions!
6360	12,6	EV1-6720	44	-	C	3	40	Tetrode #2. Connect the negative (-) end of a 30-volt battery to pin #3 of the loktal test socket. Connect the positive (+) end of the 30-volt battery to pin #2 of the loktal test socket. CAUTION: Disconnect battery before changing selector switch positions!
6374	6,3	EV0-0030	0	32	A	7	60	cap con. to plate.
6384	6,3	GY7-3510	34	-	D	3	27	
6385	6,3	KR7-6080	17	-	D	3	23	Triode #1.
6385	6,3	KR3-4020	17	-	D	3	23	Triode #2.
6386	6,3	KR7-6085	22	-	D	3	20	Triode #1.
6386	6,3	KR3-4025	22	-	D	3	20	Triode #2.
6397	2,5	HR8-3600	33	-	B	3	48	
6414	12,6	EV7-6080	29	-	B	3	44	Triode #1.
6414	12,6	EV2-1030	29	-	B	3	44	Triode #2.
6417	12,6	EV9-1673	8	-	D	3	35	
6418	1,5	DV0-2041	0	0	A	2	6	Make no gas test!
6463	12,6	EV8-6071	24	-	D	3	26	Triode #1.
6463	12,6	EV3-1026	24	-	D	3	26	Triode #2.
6485	6,3	ET1-5672	10	-	D	3	30	
6486	6,3	ET1-5627	14	-	B	3	44	
6516	6,3	ET1-5726	10	-	D	3	25	
6519	1,5	DV4-1200	0	0	A	4	21	Make no gas test!
6524	6,3	FT6-0140	22	-	C	3	56	Cap above octal pins 2 and 3 connets to plate. Connect the negative (-) end of a 30-volt battery to pin #2 of the loktal test socket. Connect the positive (+) end of the 30-volt battery to pin #4 of the loktal test socket. CAUTION: Disconnect battery before changing selector switch positions!
6535	6,3	ET5-2070	15	-	D	3	23	Triode #1.
6535	6,3	ET6-1070	15	-	D	3	23	Triode #2.
653B	6,3	GR0-3040	0	65	A	2	40	Diode.
6540	6,3	DU7-1265	10	-	D	3	22	
6611	1,5	DV0-2041	0	0	A	2	10	
6612	1,5	DV0-2041	0	0	A	2	25	Make no gas test!
6626	BLST	AP0-5020	0	32	A	4	40	Short on 1, 2, 3, 4, and 5.
6627	BLST	AP0-5020	0	40	A	4	40	Short on 1, 2, 3, 4, and 5.
6636	6,3	EV2-7839	10	-	D	3	48	Make no gas test!
6660	6,3	ET1-5672	9	-	C	3	41	
6661	6,3	ET1-5627	15	-	B	3	50	
6662	6,3	ET1-5627	0	-	C	3	48	
6663	6,3	ET0-7010	0	70	A	2	40	Diode #1.
6663	6,3	ET0-2050	0	70	A	2	40	Diode #2.
6664	6,3	ET6-1070	10	-	C	3	50	
6669	6,3	ET1-5620	21	-	C	3	46	
6676	6,3	ET1-5627	11	-	D	3	28	
6677	6,3	EV2-6317	10	-	D	3	30	
6678	6,3	EV2-6370	15	-	B	3	57	Pentode Section.
6678	6,3	EV9-1080	16	-	C	3	57	Triode Section.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6679	12,6	EV7-6080	10	-	C	3	50	Triode #1.
6679	12,6	EV2-1030	10	-	C	3	50	Triode #2.
6680	12,6	EV7-6080	24	-	B	3	56	Triode #1.
6680	12,6	EV2-1030	24	-	B	3	56	Triode #2.
6681	12,6	EV7-6080	12	-	B	3	32	Triode #1.
6681	12,6	EV2-1030	12	-	B	3	32	Triode #2.
6688	6,3	EV2-7918	10	-	D	3	50	
6689	6,3	EV2-6139	13	-	D	3	35	
6690	6,3	DW7-5080	22	-	C	3	31	Triode #1.
6690	6,3	DW2-1040	22	-	C	3	31	Triode #2.
6754	6,3	EV0-9700	0	59	A	7	40	Plate #1.
6754	6,3	EV0-1030	0	59	A	7	40	Plate #2.
6761	6,3	EV2-1730	44	-	D	3	38	
6788	6,3	DW1-5720	27	-	B	3	12	
6814	6,3	DW1-8050	33	-	C	3	32	
6829	12,6	EV7-6080	13	-	D	3	34	Triode #1.
6829	12,6	EV2-1030	13	-	D	3	34	Triode #2.
6832	6,3	DW7-8050	34	-	B	3	16	Triode #1.
6832	6,3	DW2-1040	34	-	B	3	16	Triode #2.
6850	12,6	FT6-0140	22	-	C	3	56	Use Hickok adapter Code # 1050-107. Cap above octal pins 2 & 3 connects to plate. Connect negative (-) end of a 30 volt battery to pin 2 of the octal socket. Connect positive (+) end to pin 4 of the octal socket. CAUTION: Disconnect battery before changing selector switch positions!
6850	12,6	FT2-0140	22	-	C	3	56	Use Hickok adapter Code # 1050-107. Cap above octal pins 6 & 7 connects to plate. Connect negative (-) end of a 30 volt battery to pin 6 of the octal socket. Connect positive (+) end to pin 4 of the octal socket. CAUTION: Disconnect battery before changing selector switch positions!
6853	5	JS0-6000	0	30	A	7	40	Plate #1.
6853	5	JS0-4000	0	30	A	7	40	Plate #2.
6854	6,3	KR7-6080	17	-	D	3	23	Triode #1.
6854	6,3	KR3-4020	17	-	D	3	23	Triode #2.
6872	6,3	DU7-1265	27	-	B	3	45	
6877	6,3	DV1-4080	65	-	D	3	24	
6883	12,6	HS5-0318	30	-	D	3	35	cap con. to plate.
6887	6,3	ET0-7010	0	54	A	2	40	Diode #1.
6887	6,3	ET0-2050	0	54	A	2	40	Diode #2.
6888	6,3	HS4-8653	23	-	B	3	60	
6900	12,6	EV7-9061	23	-	D	3	38	Triode #1.
6900	12,6	EV2-1039	23	-	D	3	38	Triode #2.
6907	6,3	HS4-8613	13	-	C	3	38	Tetrode #1. Use adapter E105.
6907	6,3	HS4-5613	13	-	C	3	38	Tetrode #2. Use adapter E105.
6913	12,6	EV7-6082	29	-	C	3	30	Triode #1.
6913	12,6	EV2-1037	29	-	C	3	30	Triode #2.
6919	6,3	ET0-7016	0	70	A	2	40	Diode #1.
6919	6,3	ET0-2056	0	70	A	2	40	Diode #2.
6922	6,3	EV7-6080	21	-	D	3	50	Triode #1.
6922	6,3	EV2-1030	21	-	D	3	50	Triode #2.
6927	6,3	ET5-2070	15	-	D	3	23	Triode #1.
6927	6,3	ET6-1070	15	-	D	3	23	Triode #2.
6928	6,3	ET1-5620	21	-	C	3	46	
6939	12,6	EV3-8720	20	-	C	3	65	Tetrode #1. Connect the negative (-) end of a 30-volt battery to pin #3 of the octal test socket. Connect the positive (+) end of the 30-volt battery (Everyready #413) to pin #2 of the octal test socket for each test. CAUTION: Disconnect battery before changing selector switch positions!
6939	12,6	EV1-6720	20	-	C	3	65	Tetrode #2. Connect the negative (-) end of a 30-volt battery to pin #3 of the octal test socket. Connect the positive (+) end of the 30-volt battery (Everyready #413) to pin #2 of the octal test socket for each test. CAUTION: Disconnect battery before changing selector switch positions!
6943	6,3	DW1-5724	22	-	B	3	51	
6944	6,3	DW1-5724	22	-	B	3	51	
6945	6,3	DW1-5720	45	-	C	3	41	
6946	6,3	DW1-8050	32	-	C	3	37	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6947	6,3	DW7-8050	30	-	B	3	33	Triode #1.
6947	6,3	DW2-1040	30	-	B	3	33	Triode #2.
6948	6,3	DW7-8050	29	-	B	3	23	Triode #1.
6948	6,3	DW2-1040	29	-	B	3	23	Triode #2.
6954	6,3	ET1-5627	14	-	B	3	50	
6973	6,3	EV3-9170	18	-	D	3	24	
6A3	6,3	ER3-2000	67	-	C	3	38	
6A4	6,3	FR3-2400	28	-	B	3	50	
6A5	6,3	HS5-3000	67	-	C	3	38	
6A6	6,3	HR5-6040	12	-	B	3	38	Triode #1.
6A6	6,3	HR3-2040	12	-	B	3	38	Triode #2.
6A7	6,3	HR5-3462	41	-	B	3	29	Cap con. to grid #4.
6A8	6,3	HS5-4683	41	-	B	3	29	Cap con. to grid #4.
6AB4	6,3	ET6-1070	10	-	C	3	50	
6AB5	6,3	GR5-4030	0	100	A	3	-	Eye Open.
6AB5	6,3	GR5-4230	0	100	A	3	-	Eye Closed.
6AB6	6,3	HS5-3480	0	-	B	3	37	
6AB7	6,3	HS4-8653	0	-	C	3	44	
6AB8	6,3	EV9-6837	24	-	C	3	35	Pentode Section.
6AB8	6,3	EV2-1030	35	-	B	3	20	Triode Section.
								Triode #1. Use Hickok Adapter Model 1704. set adapter selectors to 2-0-3.
6AC10	6,3	BT9-2040	30	-	B	3	28	Triode #2. Use Hickok Adapter Model 1704. set adapter selectors to 0-0-2.
6AC10	6,3	BS7-5060	30	-	B	3	28	Triode #3. Use Hickok Adapter Model 1704. set adapter selectors to 0-4-5.
6AC10	6,3	BV4-2030	30	-	B	3	28	
6AC5	6,3	HS5-3080	0	-	B	3	21	
6AC6	6,3	HS5-3480	0	-	B	3	60	
6AC7	6,3	HS4-8653	10	-	D	3	30	
6AD10	6,3	BU8-3290	37	-	B	3	51	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
6AD10	6,3	BU3-7625	18	-	B	3	32	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.
6AD4*	6,3	DU2-1050	28	-	B	3	18	C basing.
6AD4*	6,3	DW1-8050	28	-	B	3	18	F basing
6AD6	6,3	HS4-3580	0	100	A	3	-	Eye 1 open. Eye 2 closed.
6AD6	6,3	HS3-4580	0	100	A	3	-	Eye 2 open. Eye 1 closed.
6AD7	6,3	HS5-3486	29	-	B	3	50	Pentode Section.
6AD7	6,3	HS1-6083	0	-	B	3	15	Triode Section.
6AE5	6,3	HS5-3080	68	-	B	3	30	
6AE6	6,3	HS5-4083	0	-	B	3	22	Triode #1.
6AE6	6,3	HS5-3084	0	-	B	3	19	Triode #2.
6AE7	6,3	HS6-3084	33	-	B	3	38	Triode #1.
6AE7	6,3	HS4-3056	33	-	B	3	38	Triode #2.
6AF11	6,3	BV4-2390	20	-	C	3	63	Pentode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.
6AF11	6,3	BS6-8050	27	-	B	3	55	Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6AF11	6,3	BS3-4070	20	-	B	3	55	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6AF3	6,3	EV0-0820	0	38	A	>	60	See Note cap con. to plate. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.
6AF4	6,3	ET2-1050	36	-	D	3	23	
6AF5	6,3	HS5-3080	51	-	B	3	38	
6AF6	6,3	HS4-3580	0	100	A	3	-	Eye 1 open. Eye 2 closed.
6AF6	6,3	HS3-4580	0	100	A	3	-	Eye 2 open. Eye 1 closed.
6AF9	6,3	FW8-1970	29	-	B	3	58	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 1-0-0.
6AF9	6,3	FW1-4320	28	-	B	3	44	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
6AG11	6,3	BS8-7090	30	-	B	3	42	Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6AG11	6,3	BS5-6040	30	-	B	3	42	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6AG11	6,3	BU0-2030	0	60	A	2	35	Diode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
6AG11	6,3	BU0-3020	0	60	A	2	35	Diode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.
6AG5	6,3	ET1-5620	10	-	D	3	20	
6AG7	6,3	HS4-8651	10	-	D	3	30	
6AH4	6,3	HS1-5080	47	-	C	3	57	
6AH5	6,3	HS6-4180	23	-	D	3	25	
6AH6	6,3	ET1-5672	10	-	D	3	30	
6AH7	6,3	HY5-6043	20	-	B	3	50	Triode #1.
6AH7	6,3	HY1-3026	20	-	B	3	50	Triode #2.
6AJ4	6,3	JX1-5020	9	-	D	3	50	
6AJ5	6,3	ET1-5620	12	-	D	#	14	
6AJ6	6,3	HS5-3481	23	-	C	3	50	Best seen = 91
6AJ7	6,3	HS4-8653	10	-	D	3	30	
6AJ8	6,3	EV2-6137	13	-	B	3	50	Tetrode section.
6AJ8	6,3	EV9-8036	26	-	B	3	50	Triode Section.
6AK4*	6,3	DW1-8057	24	-	D	3	19	F basing
6AK5	6,3	ET1-5620	10	-	D	3	22	
6AK6	6,3	ET1-5672	23	-	B	3	53	
6AK7	6,3	HS4-8651	10	-	D	3	30	
6AK8	6,3	EV8-9070	11	-	B	3	30	Triode Section.
6AK8	6,3	EV0-6070	0	0	A	2	40	Diode #1.
6AK8	6,3	EV0-2030	0	70	A	2	40	Diode #2.
6AK8	6,3	EV0-1070	0	70	A	2	40	Diode #3.
6AL11	6,3	BU8-3290	35	-	B	3	62	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
6AL11	6,3	BV3-6724	8	-	B	3	18	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-5.
6AL3	6,3	EV0-0090	0	74	A	See Note >	36	cap con. to plate. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.
6AL5	6,3	ET0-7010	0	70	A	2	40	Diode #1.
6AL5	6,3	ET0-2050	0	70	A	2	40	Diode #2.
6AL6	6,3	HS5-0480	23	-	D	3	25	cap con. to plate.
6AL7	6,3	HS6-3580	Vary	100	A	3	-	Bias controls left pattern.
6AL7	6,3	HS5-3480	Vary	100	A	3	-	Bias controls both patterns.
6AL7	6,3	HS4-3580	Vary	100	A	3	-	Bias controls right pattern.
6AM4	6,3	JX1-5020	10	-	D	3	35	
6AM5	6,3	ET1-5720	27	-	C	3	33	
6AM6	6,3	ET1-5726	10	-	D	3	25	
6AM8	6,3	EV2-6319	7	-	D	3	25	Pentode Section.
6AM8	6,3	EV0-8070	0	70	A	2	40	Diode Section.
6AN4	6,3	ET2-1050	6	-	D	3	40	
6AN5	6,3	ET1-5670	0	-	D	#	30	
6AN6	6,3	HR0-5060	0	25	A	2	40	Diode #1.
6AN6	6,3	HR0-4060	0	25	A	2	40	Diode #2.
6AN6	6,3	HR0-3060	0	25	A	2	40	Diode #3.
6AN6	6,3	HR0-2060	0	25	A	2	40	Diode #4.
6AN8	6,3	EV8-6791	7	-	D	3	31	Pentode Section.
6AN8	6,3	EV2-1736	21	-	C	3	42	Triode Section.
6AQ4	6,3	ET1-7050	10	-	D	3	41	
6AQ5	6,3	ET1-5620	21	-	C	3	46	
6AQ6	6,3	ET1-7020	6	-	B	3	29	Triode Section.
6AQ6	6,3	ET0-6020	0	0	A	2	40	Diode #1.
6AQ6	6,3	ET0-5020	0	0	A	2	40	Diode #2.
6AQ7	6,3	HY4-5026	13	-	B	3	25	Triode Section.
6AQ7	6,3	HY4-1026	0	30	A	2	40	Diode #1.
6AQ7	6,3	HY4-3026	0	30	A	2	40	Diode #2.
6AQ8	6,3	EV7-6089	10	-	C	3	50	Triode #1.
6AQ8	6,3	EV2-1039	10	-	C	3	50	Triode #2.
6AR11	6,3	BS4-8937	12	-	C	3	51	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.
6AR11	6,3	BX5-2364	12	-	C	3	51	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.
6AR5	6,3	ET1-5620	34	-	B	3	40	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6AR6	6,3	GY7-3510	34	-	D	3	27	
6AR8	6,3	EV6-9372	25	-	B	3	35	Plate #1.
6AR8	6,3	EV6-8372	25	-	B	3	35	Plate #2.
6AS5	6,3	ET2-7610	25	-	D	3	28	
6AS6	6,3	ET1-5627	14	-	B	3	44	
6AS7	6,3	HY4-5062	100	-	C	3	36	Triode #1.
6AS7	6,3	HY1-2035	100	-	C	3	36	Triode #2.
6AS8	6,3	EV2-9137	11	-	D	3	28	Pentode Section.
6AS8	6,3	EV0-6087	0	70	A	2	40	Diode Section.
6AT6	6,3	ET1-7020	18	-	B	3	30	Triode Section.
6AT6	6,3	ET1-6020	0	0	A	2	40	Diode #1.
6AT6	6,3	ET1-5020	0	0	A	2	20	Diode #2.
6AT8	6,3	EV9-6738	9	-	D	3	23	Pentode Section.
6AT8	6,3	EV1-2038	15	-	D	3	23	Triode Section.
6AU4	6,3	HY0-5030	0	66	A	7	40	
6AU5	6,3	HS1-5830	41	-	C	3	36	
6AU6	6,3	ET1-5672	16	-	B	3	58	
6AU7	6,3	EV7-6080	24	-	B	3	56	Triode #1.
6AU7	6,3	EV2-1030	24	-	B	3	56	Triode #2.
6AU8	6,3	EV7-9860	10	-	D	3	30	Pentode Section.
6AU8	6,3	EV2-3010	9	-	D	3	25	Triode Section.
								Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.
6AV11	6,3	BT9-2040	24	-	B	3	56	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
								Triode #3. Use Hickok Adapter Model 1704. Set adapter selectors to 0-4-5.
6AV11	6,3	BV4-2030	24	-	B	3	56	
6AV5	6,3	HS1-5830	50	-	C	3	49	
6AV6	6,3	ET1-7025	12	-	B	3	32	Triode Section.
6AV6	6,3	ET1-6025	0	0	A	2	40	Diode #1.
6AV6	6,3	ET1-5027	0	0	A	2	40	Diode #2.
6AW7	6,3	HY2-6010	8	-	B	3	23	Triode Section.
6AW7	6,3	HY2-3050	0	65	A	2	40	Diode #1.
6AW7	6,3	HY2-4010	0	65	A	2	40	Diode #2.
6AW8	6,3	EV7-9863	14	-	D	3	38	Pentode Section.
6AW8	6,3	EV2-3019	9	-	D	3	20	Triode Section.
6AX3	6,3	BS0-4070	0	54	A	7	40	Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6AX4	6,3	HY0-5030	0	54	A	7	40	
6AX5	6,3	HS0-5083	0	12	A	7	40	Plate #1
6AX5	6,3	HS0-3085	0	12	A	7	40	Plate #2.
6AX6	6,3	HS0-5080	0	65	A	7	40	Plate #1
6AX6	6,3	HS0-3040	0	65	A	7	40	Plate #2.
6AX7	6,3	EV7-6080	12	-	B	3	32	Triode #1.
6AX7	6,3	EV2-1030	12	-	B	3	32	Triode #2.
6AX8	6,3	EV2-6370	15	-	B	3	57	Pentode Section.
6AX8	6,3	EV9-1080	16	-	C	3	57	Triode Section.
								Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6AY11	6,3	BS8-7090	20	-	B	3	26	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
								Diode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
6AY11	6,3	BS5-6040	20	-	B	3	26	Diode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.
								Diode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
6AY11	6,3	BU0-2030	0	60	A	2	35	Diode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.
6AY11	6,3	BU0-3020	0	60	A	2	35	Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
6AY3	6,3	EV0-2090	0	38	A	7	50	Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
6AZ5	6,3	DW0-8070	0	60	A	2	40	Diode #1.
6AZ5	6,3	DW0-1020	0	60	A	2	40	Diode #2.
6AZ6*	6,3	DW0-2048	0	65	A	2	40	F basing. Diode #1.
6AZ6*	6,3	DW0-7058	0	65	A	2	40	F basing. Diode #2.
6AZ8	6,3	EV6-1230	7	-	D	3	30	Pentode Section.
6AZ8	6,3	EV9-8070	21	-	C	3	42	Triode Section.
								Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-5.
6B10	6,3	BV3-4020	29	-	C	3	28	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6B10	6,3	BS0-8090	0	53	A	2	40	Diode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6B10	6,3	BS0-8090	0	53	A	2	40	Diode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 8-0-2.
6B4	6,3	HS5-3000	67	-	C	3	38	
6B5	6,3	GR4-2350	0	-	B	3	38	
6B6	6,3	HS0-3080	11	-	B	3	19	Triode Section. Cap con. to grid.
6B6	6,3	HS0-5080	0	14	A	2	40	Diode #1.
6B6	6,3	HS0-4080	0	14	A	2	40	Diode #2.
6B7	6,3	HR0-2360	30	-	B	3	25	Pentode Section. Cap con. to grid.
6B7	6,3	HR0-5360	0	14	A	2	40	Diode #1.
6B7	6,3	HR0-4360	0	14	A	2	40	Diode #2.
6B8	6,3	HS0-3681	24	-	B	3	29	Pentode Section. Cap con. to grid.
6B8	6,3	HS0-5681	0	14	A	2	40	Diode #1.
6B8	6,3	HS0-4681	0	14	A	2	40	Diode #2.
6BA11	6,3	BS4-6387	10	-	B	3	19	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6BA11	6,3	BW4-2385	10	-	B	3	19	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.
6BA11	6,3	BU9-3020	33	-	B	3	45	Triode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
6BA5*	6,3	DW1-5780	16	-	B	3	54	F basing.
6BA6	6,3	ET1-5672	9	-	C	3	41	
6BA7	6,3	EV7-9136	-	-	-	-	-	Short Test Only!
6BA7	6,3	EV2-1037	10	-	D	3	40	
6BA8	6,3	EV7-9860	11	-	D	3	30	Pentode Section.
6BA8	6,3	EV2-3010	29	-	C	3	34	Triode Section.
6BC4	6,3	EV2-1060	10	-	D	3	50	
6BC5	6,3	ET1-5620	0	-	C	3	40	
6BC7	6,3	EV0-8090	0	71	A	2	40	Diode #1.
6BC7	6,3	EV0-6070	0	71	A	2	40	Diode #2.
6BC7	6,3	EV0-2010	0	71	A	2	40	Diode #3.
6BC8	6,3	EV7-6089	15	-	D	3	31	Triode #1.
6BC8	6,3	EV2-1039	15	-	D	3	31	Triode #2.
6BD11	6,3	BT5-2490	27	-	C	3	38	Pentode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 4-5-3.
6BD11	6,3	BS6-8050	29	-	B	3	38	Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6BD11	6,3	BS3-4070	24	-	B	3	54	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6BD5	6,3	HS1-5830	18	-	D	3	25	
6BD6	6,3	ET1-5672	19	-	B	3	50	
6BE6	6,3	ET7-5621	-	-	-	-	-	Short Test Only!
6BE6	6,3	ET1-6027	17	-	D	3	36	
6BE7	6,3	EV7-1639	29	-	B	3	25	
6BE8	6,3	EV9-6783	20	-	B	3	57	Pentode Section. Short on 2 and 3.
6BE8	6,3	EV1-2030	16	-	C	3	57	Triode Section.
6BF11	6,3	BS8-3490	31	-	D	3	33	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.
6BF11	6,3	BY3-7625	26	-	B	3	10	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-8.
6BF5	6,3	ET1-5620	49	-	C	3	43	
6BF6	6,3	ET1-7020	18	-	B	3	48	Triode Section.
6BF6	6,3	ET1-6020	0	0	A	2	40	Diode #1.
6BF6	6,3	ET1-5020	0	0	A	2	40	Diode #2.
6BF7*	6,3	DW7-8050	22	-	C	3	31	F basing. Triode #1.
6BF7*	6,3	DW2-1040	22	-	C	3	31	F basing. Triode #2.
6BG6	6,3	HS5-0830	18	-	D	3	30	cap con. to plate.
6BG7*	6,3	DW7-8050	22	-	C	3	31	F basing. Triode #1.
6BG7*	6,3	DW2-1040	22	-	C	3	31	F basing. Triode #2.
6BH11	6,3	BU8-2930	19	-	C	3	38	Pentode section. Use Hickok adapter model 1704. Set adapter selectors to 2-3-4.
6BH11	6,3	BS6-7050	13	-	D	3	43	Triode #1. Use Hickok adapter model 1704. Set adapter selectors to 0-0-2.
6BH11	6,3	BV4-3020	13	-	D	3	42	Triode #2. Use Hickok adapter model 1704. Set adapter selectors to 0-0-5.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6BH6	6,3	ET1-5627	15	-	B	3	50	
6BH8	6,3	EV7-9860	8	-	D	3	30	Pentode Section.
6BH8	6,3	EV2-3010	29	-	C	3	42	Triode Section.
6BJ6	6,3	ET1-5627	0	-	C	3	48	
6BJ7	6,3	EV0-8093	0	71	A	2	40	Diode #1.
6BJ7	6,3	EV0-6073	0	71	A	2	40	Diode #2.
6BJ7	6,3	EV0-2013	0	71	A	2	40	Diode #3.
6BJ8	6,3	EV8-7090	24	-	C	3	35	Triode Section.
6BJ8	6,3	EV0-6030	0	70	A	2	40	Diode #1.
6BJ8	6,3	EV0-1020	0	70	A	2	40	Diode #2.
6BK4	6,3	HS0-5010	0	70	A	2	17	
6BK5	6,3	EV3-1860	0	-	D	3	28	
6BK6	6,3	ET1-7025	6	-	B	3	32	Triode Section.
6BK6	6,3	ET0-6025	0	40	A	2	40	Diode #1.
6BK6	6,3	ET0-5027	0	40	A	2	40	Diode #2.
6BK7	6,3	EV7-6089	8	-	D	3	43	Triode #1.
6BK7	6,3	EV2-1039	8	-	D	3	43	Triode #2.
6BL4	6,3	HY0-1030	0	69	A	7	40	
6BL7	6,3	HY1-2030	24	-	D	3	25	Triode #1.
6BL7	6,3	HY4-5060	24	-	D	3	25	Triode #2.
6BL8	6,3	EV2-6371	19	-	C	3	34	Pentode Section.
6BL8	6,3	EV9-1086	34	-	C	3	36	Triode Section.
6BM8	6,3	EV3-6720	32	-	C	3	56	Pentode Section.
6BM8	6,3	EV1-9080	14	-	B	3	41	Triode Section.
6BN4	6,3	ET2-5010	15	-	D	3	34	
6BN4A	6,3	ET2-5010	20	-	D	3	32	
6BN5	6,3	EV2-7930	30	-	C	3	50	49 = best seen. Short on 1, 2, 3, and 5.
6BN6	6,3	ET2-7516	0	-	B	3	18	Limiter grid.
6BN6	6,3	ET6-7512	0	-	B	3	23	Quadrature grid.
6BN8	6,3	EV8-7090	15	-	D	3	13	Triode Section.
6BN8	6,3	EV0-6030	0	70	A	2	40	Diode #1.
6BN8	6,3	EV0-1020	0	70	A	2	40	Diode #2.
6BQ5	6,3	EV2-7930	30	-	C	3	50	Short on 1, 2, 3, and 5.
6BQ6	6,3	HS5-0480	50	-	C	3	56	cap con. to plate.
6BQ7	6,3	EV7-6080	17	-	D	3	26	Triode #1.
6BQ7	6,3	EV2-1030	17	-	D	3	26	Triode #2.
6BQ7A	6,3	EV7-6089	14	-	D	3	32	Triode #1.
6BQ7A	6,3	EV2-1039	14	-	D	3	32	Triode #2.
6BR5	6,3	EV1-9020	60	-	D	3	-	Eye Open.
6BR7	6,3	EV2-7839	28	-	B	3	26	
6BR8	6,3	EV9-6780	15	-	B	3	57	Pentode Section.
6BR8	6,3	EV1-2030	16	-	C	3	57	Triode Section.
6BS3	6,3	EV0-2090	0	60	A	7	42	Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
6BS7	6,3	EV0-7839	28	-	B	3	26	Cap con. to grid.
6BS8	6,3	EV7-6089	17	-	D	3	36	Triode #1.
6BS8	6,3	EV2-1039	17	-	D	3	36	Triode #2.
6BT6	6,3	ET1-7020	13	-	B	3	33	Triode Section.
6BT6	6,3	ET1-6020	0	40	A	2	40	Diode #1.
6BT6	6,3	ET1-5020	0	40	A	2	40	Diode #2.
6BT8	6,3	EV8-6790	11	-	D	3	28	Pentode Section.
6BT8	6,3	EV0-1030	0	50	A	2	40	Diode #1.
6BT8	6,3	EV0-2030	0	50	A	2	40	Diode #2.
6BU6	6,3	ET1-7020	34	-	B	3	38	Triode Section.
6BU6	6,3	ET1-6020	0	40	A	2	40	Diode #1.
6BU6	6,3	ET1-5020	0	40	A	2	40	Diode #2.
6BU8	6,3	EV7-8219	0	-	B	3	33	Pentode #1.
6BU8	6,3	EV7-3216	0	-	B	3	33	Pentode #2.
6BV8	6,3	EV2-3010	18	-	D	3	28	Triode Section.
6BV8	6,3	EV0-9070	0	70	A	2	40	Diode #1.
6BV8	6,3	EV0-6080	0	70	A	2	40	Diode #2.
6BW11	6,3	BU3-8927	10	-	D	3	30	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
6BW11	6,3	BX3-5426	26	-	b	3	52	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.
6BW4	6,3	EV0-7091	0	15	A	7	40	Plate #1.
6BW4	6,3	EV0-1097	0	15	A	7	40	Plate #2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6BW6	6,3	EV2-7839	21	-	C	3	46	If short indication is obtained on positions 1,2,3, and 5 on shorts test, use the following selector settings: EV1-7839. All other settings remain the same.
6BW8	6,3	EV6-9870	15	-	B	3	57	Pentode Section.
6BW8	6,3	EV0-3020	0	70	A	2	40	Diode #1.
6BW8	6,3	EV0-1020	0	70	A	2	40	Diode #2.
6BX6	6,3	EV2-7819	13	-	C	3	38	
6BX7	6,3	HY4-5062	33	-	D	3	38	Triode #1.
6BX7	6,3	HY1-2035	33	-	D	3	38	Triode #2.
6BX8	6,3	EV7-6089	24	-	D	3	25	Triode #1.
6BX8	6,3	EV2-1039	24	-	D	3	25	Triode #2.
6BY5	6,3	HS0-4010	0	50	A	7	40	Plate #1.
6BY5	6,3	HS0-5080	0	50	A	7	40	Plate #2.
6BY6	6,3	ET1-5627	21	-	B	3	30	Grid #1.
6BY6	6,3	ET7-5621	21	-	B	#	13	Grid #3.
6BY7	6,3	EV2-7819	14	-	D	3	23	
6BY8	6,3	EV1-7892	16	-	B	3	58	Pentode Section.
6BY8	6,3	EV0-6030	0	70	A	2	40	Diode Section.
6BZ6	6,3	ET1-5627	20	-	C	3	32	
6BZ7	6,3	EV7-6089	17	-	D	3	34	Triode #1.
6BZ7	6,3	EV2-1039	17	-	D	3	34	Triode #2.
6BZ8	6,3	EV7-6089	16	-	D	3	30	Triode #1.
6BZ8	6,3	EV2-1039	16	-	D	3	30	Triode #2.
								Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.
6C10	6,3	BT9-2040	12	-	B	3	32	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6C10	6,3	BS7-5060	12	-	B	3	32	Triode #3. Use Hickok Adapter Model 1704. Set adapter selectors to 0-4-5.
6C10	6,3	BV4-2030	12	-	B	3	32	
6C4	6,3	ET6-1070	24	-	B	3	55	
6C5	6,3	HS5-3080	21	-	B	3	50	
6C6	6,3	GR0-2354	21	-	B	3	31	Cap con. to grid.
6C7	6,3	HR0-2060	29	-	B	3	31	Triode Section. Cap con. to grid.
6C7	6,3	HR0-5060	0	0	A	2	40	Diode #1.
6C7	6,3	HR0-4060	0	0	A	2	40	Diode #2.
6C8	6,3	HS5-6080	17	-	B	3	25	Triode #1.
6C8	6,3	HS0-3040	17	-	B	3	25	Triode #2. Cap con. to grid.
6CA4	6,3	EV0-7030	0	59	A	7	40	Plate #1.
6CA4	6,3	EV0-1030	0	59	A	7	40	Plate #2.
6CA5	6,3	ET2-7610	25	-	D	3	30	
6CA7	6,3	HS5-3481	25	-	D	3	30	
6CB5	6,3	HS4-0130	39	-	D	3	35	Cap =P.
6CB6	6,3	ET1-5627	11	-	D	3	28	
6CD6	6,3	HS5-0830	42	-	D	3	33	cap con. to plate.
								Connect a 1 megohm resistor from the plate jack to pin #3 of the large 7 pin socket. Connect another 1 megohm resistor from the plate jack to pin 6 of large 7 pin socket. Eye #1 closes at a bias of about 30. Eye #2 closes at a bias of about 55.
6CD7	6,3	HS4-5080	N>	100	E	4	-	
6CE5	6,3	ET1-5620	11	-	D	3	28	
6CF6	6,3	ET1-5627	11	-	D	3	28	
6CG7	6,3	EV7-6089	23	-	B	3	50	Triode #1.
6CG7	6,3	EV2-1039	23	-	B	3	50	Triode #2.
6CG8	6,3	EV9-6780	9	-	D	3	23	Pentode Section.
6CG8	6,3	EV1-2030	15	-	D	3	23	Triode Section.
								If short indication is obtained on positions 2 and 3 on shorts test, use the following selector settings: EV2-7831. All other settings remain the same.
6CH6	6,3	EV2-7839	0	-	D	3	46	
6CH7	6,3	EV7-6080	17	-	D	3	34	Triode #1.
6CH7	6,3	EV2-1030	17	-	D	3	34	Triode #2.
6CH8	6,3	EV7-2360	7	-	D	3	31	Pentode Section.
6CH8	6,3	EV8-9010	21	-	C	3	42	Triode Section.
6CJ3	6,3	EV0-2090	0	70	A	7	40	Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
6CJ6	6,3	EV2-0731	54	-	C	3	58	Cap con. to grid.
6CK4	6,3	HS1-5080	56	-	C	3	50	
6CK6	6,3	EV2-7136	5	-	D	3	50	
6CL5	6,3	HS5-0160	53	-	D	3	30	cap con. to plate.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6CL6	6,3	EV2-6317	10	-	D	3	30	
6CL8	6,3	EV9-6780	8	-	D	3	20	Tetrode section.
6CL8	6,3	EV1-2030	12	-	D	3	35	Triode Section.
6CM4	6,3	EV2-1030	15	-	D	3	50	
6CM5	6,3	HS5-0480	35	-	D	3	48	cap con. to plate.
6CM6	6,3	EV3-9170	21	-	C	3	46	
6CM7	6,3	EV7-6030	25	-	B	3	50	Triode #1.
6CM7	6,3	EV8-1090	22	-	D	3	22	Triode #2.
6CM8	6,3	EV2-6730	11	-	D	3	28	Pentode Section.
6CM8	6,3	EV9-1080	18	-	B	3	25	Triode Section.
6CN6	6,3	HS5-0481	0	-	E	3	32	cap con. to plate.
6CN7	6,3	EV7-8060	11	-	B	3	30	Triode Section.
6CN7	6,3	EV0-2030	0	70	A	2	40	Diode #1.
6CN7	6,3	EV0-1030	0	70	A	2	40	Diode #2.
6CQ4	6,3	HY0-5030	0	38	A	7	50	
6CQ8	6,3	EV2-6370	18	-	C	3	38	Tetrode section.
6CQ8	6,3	EV9-1080	22	-	C	3	44	Triode Section.
6CR6	6,3	ET7-5612	12	-	B	3	49	Pentode Section.
6CR6	6,3	ET0-2010	0	14	A	2	40	Diode Section.
6CR8	6,3	EV2-6783	18	-	C	3	31	Pentode Section.
6CR8	6,3	EV9-1080	18	-	C	3	50	Triode Section.
6CS6	6,3	ET1-5627	20	-	B	#	8	Grid #1.
6CS6	6,3	ET7-5621	0	-	B	#	12	Grid #3.
6CS7	6,3	EV7-6080	17	-	C	3	28	Triode #1.
6CS7	6,3	EV3-1090	28	-	D	3	23	Triode #2.
6CU5	6,3	ET2-7610	10	-	D	#	45	
6CU6	6,3	HS5-0480	50	-	C	3	56	cap con. to plate.
6CU8	6,3	EV7-2361	7	-	D	3	31	Pentode Section.
6CU8	6,3	EV8-9010	21	-	C	3	42	Triode Section.
6CW4	6,3	DR4-2080	16	-	D	3	44	Use Hickok adapter Code No. 1050-127.
6CW5	6,3	EV2-7930	9	-	D	3	50	Short on 1, 2, 3, and 5.
6CW7	6,3	EV6-9010	25	-	D	3	30	Triode #1.
6CW7	6,3	EV2-3010	25	-	D	3	30	Triode #2.
6CX8	6,3	EV7-9800	11	-	D	3	31	Pentode Section.
6CX8	6,3	EV2-3010	26	-	C	3	25	Triode Section.
6CY5	6,3	ET1-5620	11	-	D	#	25	
6CY7	6,3	EV7-6080	25	-	B	3	12	Triode #1.
6CY7	6,3	EV2-1090	65	-	C	3	50	Triode #2.
6CZ5	6,3	EV3-9170	15	-	C	3	60	
6D??	6,3	HS5-3480	10	-	D	#	40	
6D10	6,3	BT9-2040	29		B	3	34	Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.
6D10	6,3	BS7-5060	29		B	3	34	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6D10	6,3	BV4-2030	29		B	3	34	Triode #3. Use Hickok Adapter Model 1704. Set adapter selectors to 0-4-5.
6D4	6,3	ET1-7050	N>	62	A	7	40	Should strike between settings 87 and 77 of the BIAS dial.
6D5	6,3	HS5-3080	57	-	B	3	50	
6D6	6,3	GR0-2354	21	-	B	3	40	Cap con. to grid.
6D7	6,3	HR0-2364	24	-	B	3	31	Cap con. to grid.
6D8	6,3	HS5-4683	45	-	B	3	31	Cap con. to grid.
6DA4	6,3	HY0-5030	0	84	A	7	52	
6DA5	6,3	EV1-5020	N>	100	A	4	-	Connect a 1 megohm resistor from the plate jack to octal test socket pin #7. Vary bias to vary beam angle.
6DA6	6,3	EV2-7839	15	-	D	3	16	
6DA7	6,3	EV7-6080	23	-	C	3	32	Triode #1.
6DA7	6,3	EV3-1090	55	-	D	3	25	Triode #2.
6DB5	6,3	EV3-9120	10	-	D	#	45	
6DB6	6,3	ET1-5627	16	-	B	3	38	Grid #1.
6DB6	6,3	ET7-5621	14	-	B	#	15	Grid #3.
6DC6	6,3	ET1-5627	11	-	D	3	23	
6DC8	6,3	EV2-6139	22	-	C	3	34	Pentode Section.
6DC8	6,3	EV0-8030	0	13	A	2	28	Diode #1.
6DC8	6,3	EV0-7030	0	13	A	2	28	Diode #2.
6DE4	6,3	HY0-5030	0	38	A	7	50	
6DE6	6,3	ET1-5627	11	-	D	3	28	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6DE7	6,3	EV7-6080	31	-	B	3	51	Triode #1.
6DE7	6,3	EV2-1090	54	-	D	3	33	Triode #2.
6DG7	6,3	EV2-7839	9	-	C	3	41	
6DJ8	6,3	EV7-6080	20	-	D	3	62	Triode #1.
6DJ8	6,3	EV2-1030	20	-	D	3	62	Triode #2.
6DK6	6,3	ET1-5627	8	-	D	3	33	
6DL5	6,3	ET1-5620	12	-	C	3	53	
6DM4	6,3	HY0-5030	0	38	A	7	50	
6DN6	6,3	HS5-0830	28	-	D	#	45	cap con. to plate.
6DN7	6,3	HY4-5060	31	-	B	3	40	Triode #1.
6DN7	6,3	HY1-2030	26	-	D	3	40	Triode #2.
6DQ5	6,3	HS1-0430	53	-	D	3	34	Cap is the plate.
6DQ6	6,3	HS5-0480	36	-	D	3	30	cap con. to plate
6DQ6B	6,3	HS5-0480	36	-	D	3	30	cap con. to plate
6DR7	6,3	EV7-6080	22	-	B	3	20	Triode #1.
6DR7	6,3	EV2-1090	54	-	D	3	31	Triode #2.
6DS5	6,3	ET1-5620	16	-	D	3	30	
6DT5	6,3	EV3-9170	31	-	C	3	60	
6DT6	6,3	ET1-5627	22	-	B	3	15	Grid #1.
6DT6	6,3	ET7-5621	0	-	B	#	10	Grid #3.
6DT8	6,3	EV7-6089	10	-	C	3	50	Triode #1.
6DT8	6,3	EV2-1039	10	-	C	3	50	Triode #2.
6DW4	6,3	EV0-2090	0	66	A	7	40	Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
6DW5	6,3	EV3-9170	50	-	C	3	56	
6DX8	6,3	EV8-6970	10	-	D	3	47	Pentode Section.
6DX8	6,3	EV1-2030	26	-	B	3	50	Triode Section.
6DZ7	6,3	HS5-6480	11	-	D	3	49	Pentode #1. Connect negative (-) terminal of 30 volt battery to pin #1 of loctal socket (count counter-clockwise). Connnect positive (+) terminal of 30 volt battery to pin #8 of loctal socket for each test. CAUTION: Disconnect battery before changing selector switch positions!
6DZ7	6,3	HS1-3480	11	-	D	3	49	Pentode #2. Connect negative (-) terminal of 30 volt battery to pin #5 of loctal socket ( count counter clockwise). Connnect positive (+)terminal of 30 volt battery to pin #8 of loctal socket for each test. CAUTION: Disconnect battery before changing selector switch positions!
6E5	6,3	GR5-4030	0	100	A	3	-	Eye Open.
6E5	6,3	GR5-4230	0	100	A	3	-	Eye Closed.
6E6	6,3	HR5-6040	54	-	B	3	35	Triode #1.
6E6	6,3	HR3-2040	54	-	B	3	35	Triode #2.
6E7	6,3	HR0-2364	24	-	B	3	38	Cap con. to grid.
6EA5	6,3	ET1-5020	10	-	D	3	26	
6EA7	6,3	JX4-5060	10	-	B	3	39	Triode #1.
6EA7	6,3	JX1-2030	56	-	D	3	33	Triode #2.
6EA8	6,3	EV2-6370	0	-	D	3	28	Pentode Section.
6EA8	6,3	EV9-1080	10	-	D	3	46	Triode Section.
6EB5	6,3	ET0-2056	0	21	A	2	40	Diode #1.
6EB5	6,3	ET0-7016	0	21	A	2	40	Diode #2.
6EB8	6,3	EV7-9860	0	-	D	3	46	Pentode Section.
6EB8	6,3	EV2-3010	19	-	B	3	38	Triode Section.
6EH4	6,3	BS0-6050	0	70	A	2	17	Cap=G. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6EH5	6,3	ET2-7610	31	-	C	3	50	
6EH7	6,3	EV2-7819	10	-	D	3	65	
6EH8	6,3	EV7-9860	22	-	B	3	53	Pentode Section.
6EH8	6,3	EV2-3010	24	-	C	3	51	Triode Section.
6EJ7	6,3	EV2-7819	10	-	D	3	39	
6EM5	6,3	EV3-9170	23	-	D	3	25	
6EM7	6,3	HY4-5060	20	-	B	3	25	Triode #1.
6EM7	6,3	HY1-2030	60	-	D	3	35	Triode #2.
6EQ7	6,3	EV2-7631	29	-	B	3	27	Pentode Section.
6EQ7	6,3	EV0-8030	0	0	A	2	34	Diode Section.
6ER5	6,3	ET2-5010	12	-	D	3	35	
6ES5	6,3	ET2-5010	12	-	D	3	35	
6ES8	6,3	EV7-6080	20	-	D	3	50	Triode #1.
6ES8	6,3	EV2-1030	20	-	D	3	50	Triode #2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6ET7	6,3	EV7-9860	10	-	D	3	38	Pentode Section.
6ET7	6,3	EV0-3010	0	0	A	2	20	Diode #1.
6ET7	6,3	EV0-2010	0	0	A	2	20	Diode #2.
6EU7	6,3	BS8-7090	12	-	B	3	32	Triode #1.
6EU7	6,3	BS5-6040	12	-	B	3	32	Triode #2.
6EU8	6,3	EV7-1980	0	-	D	3	28	Pentode Section.
6EU8	6,3	EV2-3060	10	-	D	3	46	Triode Section.
6EV5	6,3	ET1-5620	10	-	D	3	43	
6EV7	6,3	EV7-6080	10	-	C	3	43	Triode #1.
6EV7	6,3	EV2-1030	10	-	C	3	43	Triode #2.
6EW6	6,3	ET1-5627	26	-	B	3	52	
6EW7	6,3	EV7-6080	37	-	B	3	26	Triode #1.
6EW7	6,3	EV2-1090	54	-	D	3	38	Triode #2.
6EX6	6,3	HS5-0830	49	-	D	3	39	cap con. to plate. Tubes showing shorts: Retest using HS5-0130
6EY6	6,3	HS5-3480	33	-	C	3	55	
6EZ5	6,3	HS5-3480	48	-	B	3	50	
6EZ8	6,3	FU9-8000	36	-	B	3	34	Triode #1.
6EZ8	6,3	FU7-6000	36	-	B	3	34	Triode #2.
6EZ8	6,3	FU2-3010	29	-	B	3	34	Triode #3.
6F4	6,3	GR2-3070	30	-	D	3	30	
6F5	6,3	HS0-4081	12	-	B	3	25	Cap con. to grid.
6F6	6,3	HS5-3481	29	-	B	3	50	
6F7	6,3	HR0-2365	28	-	B	3	28	Pentode Section. Cap con. to grid.
6F7	6,3	HR5-4362	28	-	B	3	13	Triode Section.
6F8	6,3	HS5-6080	23	-	B	3	50	Triode #1.
6F8	6,3	HS0-3040	23	-	B	3	50	Triode #2. Cap con. to grid.
6FA7	6,3	EV7-9861	17	-	B	3	30	Tetrode #1.
6FA7	6,3	EV7-1869	17	-	B	3	30	Tetrode #2.
6FA7	6,3	EV9-3061	0	0	A	2	22	Diode Section.
6FD6	6,3	ET1-6572	20	20	A	2	44	Make no gas test.
6FE5	6,3	HS5-3480	45	-	D	3	33	
6FG5	6,3	ET1-5670	10	-	C	3	46	
6FG6	6,3	EV1-6730	100	-	A	3	-	Vary bias to open and close eye
6FG7	6,3	EV9-6780	19	-	C	3	36	Pentode Section.
6FG7	6,3	EV1-2030	29	-	C	3	35	Triode Section.
6FH5	6,3	ET2-5070	13	-	D	3	40	
6FH6	6,3	HS5-0480	36	-	3	3	30	
6FH8	6,3	FU6-9700	28	-	C	3	31	Tetrode plate #1.
6FH8	6,3	FU6-8700	23	-	B	3	31	Tetrode plate #2.
6FH8	6,3	FU6-1700	23	-	B	3	31	Tetrode plate #3.
6FH8	6,3	FU6-3000	32	-	D	3	29	Triode Section.
6FM8	6,3	EV8-9070	11	-	B	3	30	Triode Section.
6FM8	6,3	EV0-6010	0	70	A	2	40	Diode #1.
6FM8	6,3	EV0-2030	0	70	A	2	40	Diode #2.
6FQ5	6,3	ET2-5070	15	-	D	3	42	
6FQ5A	6,3	ET2-5070	15	-	D	3	50	
6FQ7	6,3	EV7-6080	23	-	B	3	50	Triode #1.
6FQ7	6,3	EV2-1030	23	-	B	3	50	Triode #2.
6FS5	6,3	ET1-5670	10	-	D	3	30	
6FV6	6,3	ET1-5672	22	-	C	3	40	
6FV8	6,3	EV9-6780	10	-	C	3	50	Pentode Section.
6FV8	6,3	EV1-2030	16	-	D	3	38	Triode Section.
6FW5	6,3	HS1-5830	48	-	D	3	57	
6FW8	6,3	EV7-6080	20	-	D	3	57	Triode #1.
6FW8	6,3	EV2-1030	20	-	D	3	57	Triode #2.
6FY5	6,3	ET2-5016	14	-	D	3	50	
6FY8	6,3	EV1-9080	30	-	B	3	23	Triode Section.
6G5	6,3	GR5-4030	0	100	A	3	-	Eye Open.
6G5	6,3	GR5-4230	0	100	A	3	-	Eye Closed.
6G6	6,3	HS5-3480	23	-	B	3	53	
6G7S	6,3	HR0-2354	86	-	B	3	38	Pentode Section. Cap con. to grid.
6G7S	6,3	HR0-4080	0	62	A	2	40	Diode #1.
6G7S	6,3	HR0-6030	0	62	A	2	40	Diode #2.
6GC5	6,3	EV6-9170	10	-	D	#	45	
6GE5	6,3	BV4-7230	36	-	D	3	30	Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6GE8	6,3	EV8-9170	27	-	B	3	29	Pentode Section.
6GE8	6,3	EV3-6020	65	-	C	3	56	Triode Section.
6GH8	6,3	EV2-6370	19	-	C	3	38	Pentode Section.
6GH8	6,3	EV9-1080	13	-	D	3	42	Triode Section.
6GJ7	6,3	EV2-6710	25	-	B	3	60	Pentode Section.
6GJ7	6,3	EV9-8030	40	-	B	3	44	Triode Section.
6GK5	6,3	ET2-5076	30	-	C	3	38	
6GK6	6,3	EV2-7813	10	-	D	3	47	
6GL7	6,3	HY4-5060	20	-	B	3	25	Triode #1.
6GL7	6,3	HY1-2030	60	-	D	3	35	Triode #2.
6GM5	6,3	EV6-9170	10	-	D	3	36	
6GM6	6,3	ET1-5627	10	-	D	3	38	
6GM8	6,3	EV7-6080	30	0	A	2	32	Triode #1. Make no gas test.
6GM8	6,3	EV2-1030	30	0	A	2	32	Triode #2. Make no gas test.
6GN8	6,3	EV7-9860	10	-	D	3	42	Pentode Section.
6GN8	6,3	EV2-3010	20	-	B	3	38	Triode Section.
6GS8	6,3	EV7-8219	0	-	B	3	28	Pentode #1.
6GS8	6,3	EV7-3216	0	-	B	3	28	Pentode #2.
								Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
6GV5	6,3	BU9-0320	36	-	D	3	30	
6GW6	6,3	HS5-0480	34	-	D	#	38	cap con. to plate.
								See Note >
6GW8	6,3	EV8-6370	32	-	C	3		Best seen = 72.
								See Note >
6GW8	6,3	EV1-9020	14	-	B	3		Best seen = 60.
6GX6	6,3	ET1-5627	27	-	B	3	21	
6GY6	6,3	ET1-5627	28	-	B	3	20	
6GY8	OFF	EV0-6070	-	-	-	-		Short Test Only!
6GY8	OFF	FU3-9080	-	-	-	-		Short Test Only!
6GY8	6,3	EV0-6070	0	55	A	2	40	Triode #1. Short on 3.
6GY8	6,3	FU3-9080	30	-	B	3	27	Triode #2. Short on 3.
6GY8	6,3	FU1-2000	37	-	B	3	27	Triode #3. No short.
6H4	6,3	HS0-4080	0	62	A	2	32	Diode
6H5	6,3	GR5-4030	0	100	A	3	-	Eye Open.
6H5	6,3	GR5-4230	0	100	A	3	-	Eye Closed.
6H6	6,3	HS0-5080	0	63	A	2	40	Diode #1.
6H6	6,3	HS0-3040	0	63	A	2	40	Diode #2.
6H7M	6,3	HS5-3486	29	-	B	3	50	Pentode Section.
6H7M	6,3	HS0-6083	0	-	B	3	4	Triode Section. Cap con. to grid.
6HA5	6,3	ET1-5076	30	-	B	3	60	
6HB6	6,3	EV2-7819	10	-	E	3	38	
6HF8	6,3	EV7-9860	10	-	D	3	35	Pentode Section.
6HF8	6,3	EV2-3010	30	-	B	3	25	Triode Section
6HJ8	6,3	EV2-6319	21	-	C	3	34	Pentode Section.
6HJ8	6,3	EV0-8070	0	55	A	2	32	Diode Section.
6HM5	6,3	ET1-5076	30	-	B	3	60	
6HQ5	6,3	ET1-5076	30	-	B	3	54	
6HR6	6,3	ET1-5672	16	-	C	3	36	Best seen = 72.
6HS6	6,3	ET1-5627	11	-	D	3	28	Best seen = 40.
6HS8	6,3	EV7-8219	10	-	B	3	20	Pentode #1.
6HS8	6,3	EV7-3216	10	-	B	3	20	Pentode #2.
6HZ6	6,3	ET1-5627	16	-	B	3	40	
								Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
6J11	6,3	BU3-9782	26	-	B	3	52	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.
6J11	6,3	BX5-3264	26	-	B	3	52	
6J4	6,3	ET1-7020	15	-	D	3	45	Gas test not reliable. Do not perform.
6J5	6,3	HS5-3080	23	-	B	3	50	
6J6	6,3	ET5-2070	15	-	D	3	23	Triode #1.
6J6	6,3	ET6-1070	15	-	D	3	23	Triode #2.
6J7	6,3	HS0-3485	22	-	B	3	31	Cap con. to grid #1.
6J8	6,3	HS5-3486	18	-	B	3	25	Heptode Section. Cap con. to grid.
6J8	6,3	HS5-6483	30	-	B	3	13	Triode Section.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6JB6	6,3	EV2-0138	34	-	D	#	38	Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
6JC6	6,3	EV2-7819	25	-	C	3	32	Best seen = 65.
6JD6	6,3	EV2-7819	25	-	C	3	32	Best seen = 65.
6JE6	6,3	EV2-0738	53	-	D	3	34	Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
6JF6	6,3	EV2-0138	55	-	D	#	45	Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.
6JM6	6,3	BW5-0324	48	-	D	3	32	Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 4-0-6.
6JN6	6,3	BW5-7324	48	-	D	3	32	Use Hickok Adapter Model 1704. Set adapter selectors to 0-5-6.
6JS6	6,3	BW5-0324	82	-	C	3	52	Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.
6JU8	6,3	EV0-8090	0	70	A	2	40	Diode #1.
6JU8	6,3	EV0-7080	0	70	A	2	40	Diode #2.
6JU8	6,3	EV0-2030	0	70	A	2	40	Diode #3.
6JU8	6,3	EV0-1020	0	70	A	2	40	Diode #4.
6JV8	6,3	EV7-9863	14	-	D	3	38	Pentode Section.
6JV8	6,3	EV2-3019	9	-	D	3	20	Triode Section.
6K11	6,3	BT9-2048	24	-	B	3	56	Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.
6K11	6,3	BS7-5068	12	-	B	3	32	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6K11	6,3	BV4-2038	12	-	B	3	32	Triode #3. Use Hickok Adapter Model 1704. Set adapter selectors to 0-4-5.
6K4*	6,3	DU2-1050	31	-	D	3	16	C basing.
6K5	6,3	HS0-3080	21	-	B	3	25	Cap con. to grid.
6K6	6,3	HS5-3480	34	-	B	3	40	
6K7	6,3	HS0-3485	19	-	B	3	36	Cap con. to grid.
6K8	6,3	HS5-3486	11	-	B	3	25	Hexode Section. Cap con. to grid.
6K8	6,3	HS5-6483	0	-	C	3	30	Triode Section.
6KE8	6,3	EV2-6370	20	-	B	3	50	Best seen = 110.
6KE8	6,3	EV9-1080	30	-	B	3	50	Best seen = 102
6KT6	6,3	EV2-7819	22	-	C	3	52	
6KT8	6,3	EV7-9860	15	-	C	3	57	Pentode Section.
6KT8	6,3	EV2-3010	26	-	B	3	38	Triode Section.
6KX8	6,3	EV1-3020	0	-	B	3	25	Best seen = 50
6KX8	6,3	EV9-7080	0	-	B	3	25	Best seen = 50
6KZ8	6,3	EV2-6730	11	-	D	3	45	Best seen = 90.
6KZ8	6,3	EV9-1080	18	-	C	3	17	Best seen = 35.
6L4	6,3	GR2-3070	25	-	D	3	25	
6L5	6,3	HS5-3080	27	-	B	3	38	
6L6	6,3	HS5-3481	23	-	D	3	40	5-31H listed bias as 23. Was changed to 40 with 5-31M. Your mileage may vary...
6L7	6,3	HS0-3485	23	-	B	3	16	Cap grid. Cap con. to grid.
6L7	6,3	HS5-3481	27	-	B	3	16	Pin grid.
6LC6	6,3	HS0-5061	0	70	A	2	17	Cap = Grid.
6LF6	6,3	BW5-0324	70	-	D	3	38	Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.
6LN8	6,3	EV2-6371	19	-	C	3	34	Pentode Section.
6LN8	6,3	EV9-1086	34	-	C	3	36	Triode Section.
6LQ8	6,3	EV7-9860	32	-	B	3	40	Pentode Section.
6LQ8	6,3	EV2-3010	33	-	B	3	35	Triode Section.
6M3	6,3	JS0-0030	0	70	A	N>	40	cap con. to plate. Short on 3. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.
6N3	6,3	EV0-9030	0	40	A	7	40	
6N4	6,3	ET1-5020	18	-	D	3	30	
6N5	6,3	GR5-4030	0	100	A	3	-	Eye Open.
6N5	6,3	GR5-4230	0	100	A	3	-	Eye Closed.
6N6	6,3	HS5-3480	0	-	B	3	38	
6N7	6,3	HS5-6083	12	-	B	3	38	Triode #1.
6N7	6,3	HS4-3086	12	-	B	3	38	Triode #2.
6N8	6,3	EV2-6139	17	-	B	3	55	Pentode Section.
6N8	6,3	EV2-7139	0	0	A	2	40	Diode #1.
6N8	6,3	EV2-8139	0	0	A	2	40	Diode #2.
6P5	6,3	HS5-3080	29	-	B	3	36	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6P7	6,3	CT0-4586	28	-	B	3	28	Pentode Section. Cap con. to grid.
6P7	6,3	CT7-6084	28	-	B	3	13	Triode Section.
6Q11	6,3	BT9-2048	24	-	B	3	56	Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.
6Q11	6,3	BS7-5068	12	-	B	3	32	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
6Q11	6,3	BV4-2038	12	-	B	3	32	Triode #3. Use Hickok Adapter Model 1704. Set adapter selectors to 0-4-5.
6Q4	6,3	EV1-9030	0	-	D	3	50	
6Q5	6,3	HS5-3080	N>	90	A	4	40	Should strike between settings of 64 and 54 of the BIAS dial.
6Q6	6,3	HS0-3080	17	-	B	3	25	Triode Section. Cap con. to grid.
6Q6	6,3	HS0-5080	0	14	A	2	40	Diode #1.
6Q6	6,3	HS0-4080	0	14	A	2	40	Diode #2.
6Q7	6,3	HS0-3081	17	-	B	3	20	Triode Section. Cap con. to grid.
6Q7	6,3	HS0-5083	0	14	A	2	40	Diode #1.
6Q7	6,3	HS0-4083	0	14	A	2	40	Diode #2.
								cap con. to plate. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.
6R3	6,3	EV0-0090	0	25	A	N>	40	
6R4	6,3	EV1-8030	23	-	C	3	50	
6R7	6,3	HS0-3081	18	-	B	3	48	Triode Section. Cap con. to grid.
6R7	6,3	HS0-5083	0	14	A	2	40	Diode #1.
6R7	6,3	HS0-4083	0	14	A	2	40	Diode #2.
6R8	6,3	EV8-9072	13	-	B	3	48	Triode Section.
6R8	6,3	EV0-1078	0	68	A	2	40	Diode #1.
6R8	6,3	EV0-6078	0	68	A	2	40	Diode #2.
6R8	6,3	EV0-2039	0	68	A	2	40	Diode #3.
6RB5	6,3	EV1-9020	10	-	D	3	-	Eye Closed.
6S4	6,3	EV6-9020	17	-	C	3	52	
6S7	6,3	HS0-3485	27	-	B	3	44	Cap con. to grid.
6S8	6,3	HY0-6020	10	-	B	3	23	Triode Section. Cap con. to grid.
6S8	6,3	HY0-3050	0	14	A	2	40	Diode #1.
6S8	6,3	HY0-4020	0	14	A	2	40	Diode #2.
6S8	6,3	HY0-1020	0	14	A	2	40	Diode #3.
6SA7	6,3	HS8-3465	-	-	-	-	-	Short Test Only!
6SA7	6,3	HS5-4068	0	-	C	3	50	
6SB7	6,3	HS8-3465	-	-	-	-	-	Short Test Only!
6SB7	6,3	HS5-4068	10	-	D	3	40	
6SC7	6,3	HY4-5062	0	-	B	3	25	Triode #1.
6SC7	6,3	HY3-2065	0	-	B	3	25	Triode #2.
6SD7	6,3	HS4-8653	10	-	D	3	15	
6SF5	6,3	HY3-5021	12	-	B	3	25	
6SF7	6,3	HY2-6431	0	-	B	3	50	Pentode Section.
6SF7	6,3	HY0-5436	0	14	A	2	40	Diode Section.
6SG7	6,3	HS4-8651	0	-	C	3	42	
6SH7	6,3	HS4-8651	0	-	C	3	43	
6SJ7	6,3	HS4-8653	22	-	B	3	40	
6SK7	6,3	HS4-8653	22	-	B	3	48	
6SL7	6,3	HY4-5062	0	-	B	3	32	Triode #1.
6SL7	6,3	HY1-2035	0	-	B	3	32	Triode #2.
6SN7	6,3	HY4-5062	23	-	B	3	50	Triode #1.
6SN7	6,3	HY1-2035	23	-	B	3	50	Triode #2.
6SQ7	6,3	HY2-6031	11	-	B	3	19	Triode Section.
6SQ7	6,3	HY0-5036	0	14	A	2	20	Diode #1.
6SQ7	6,3	HY0-4036	0	14	A	2	20	Diode #2.
6SR7	6,3	HY2-6031	18	-	B	3	48	Triode Section.
6SR7	6,3	HY0-5036	0	14	A	2	20	Diode #1.
6SR7	6,3	HY0-4036	0	14	A	2	20	Diode #2.
6SS7	6,3	HS4-8653	19	-	B	3	46	
6ST7	6,3	HY2-6031	15	-	B	3	48	Triode Section
6ST7	6,3	HY0-5036	0	0	A	2	30	Diode #1.
6ST7	6,3	HY0-4036	0	0	A	2	30	Diode #2.
6SU7	6,3	HY4-5062	5	-	B	3	30	Triode #1.
6SU7	6,3	HY1-2035	5	-	B	3	30	Triode #2.
6SV7	6,3	HY2-6430	12	-	B	3	53	Pentode Section.
6SV7	6,3	HY2-5430	0	62	A	2	40	Diode Section.
6SZ7	6,3	HY2-6031	10	-	B	3	30	Triode Section.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
6SZ7	6,3	HY0-5031	0	0	A	2	30	Diode #1.
6SZ7	6,3	HY0-4031	0	0	A	2	30	Diode #2.
6T10	6,3	BU8-3290	35	-	B	3	62	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
6T10	6,3	BU3-7625	8	-	B	3	18	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.
6T4	6,3	ET2-1050	37	-	D	3	25	
6T5	6,3	GR5-4030	0	100	A	3	-	Eye Open.
6T5	6,3	GR5-4230	0	100	A	3	-	Eye Closed.
6T7	6,3	HS0-3080	17	-	B	3	25	Triode Section. Cap con. to grid.
6T7	6,3	HS0-5080	0	14	A	2	40	Diode #1.
6T7	6,3	HS0-4080	0	14	A	2	40	Diode #2.
6T8	6,3	EV8-9076	11	-	B	3	30	Triode Section.
6T8	6,3	EV0-6071	0	70	A	2	40	Diode #1.
6T8	6,3	EV0-2036	0	70	A	2	40	Diode #2.
6T8	6,3	EV0-1078	0	70	A	2	40	Diode #3.
6U3	6,3	EV0-9030	0	63	A	7	40	
6U4	6,3	HY0-5030	0	61	A	7	40	
6U5	6,3	GR5-4030	0	100	A	3	-	Eye Open.
6U5	6,3	GR5-4230	0	100	A	3	-	Eye Closed.
6U6	6,3	HS5-3480	30	-	D	3	32	
6U7	6,3	HS0-3485	21	-	B	3	40	Cap con. to grid #1.
6U8	6,3	EV2-6370	15	-	B	3	57	Pentode Section.
6U8	6,3	EV9-1080	16	-	C	3	57	Triode Section.
								cap con. to plate. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.
6V3	6,3	EV0-0020	0	65	A	N>	40	
6V4	6,3	EV0-7031	0	23	A	7	40	Plate #1.
6V4	6,3	EV0-1037	0	23	A	7	40	Plate #2.
6V5	6,3	HY5-3400	31	-	C	3	52	
6V6	6,3	HS5-3481	21	-	C	3	46	
6V7	6,3	HS0-3080	39	-	B	3	24	Triode Section. Cap con. to grid.
6V7	6,3	HS0-5080	0	14	A	2	40	Diode #1.
6V7	6,3	HS0-4080	0	14	A	2	40	Diode #2.
6V8	6,3	EV6-1038	11	-	B	3	30	Triode Section.
6V8	6,3	EV0-9032	0	0	A	2	30	Diode #1.
6V8	6,3	EV0-7086	0	72	A	2	40	Diode #2.
6V8	6,3	EV0-2038	0	72	A	2	40	Diode #3.
6W4	6,3	HY0-5030	0	63	A	7	40	
6W5	6,3	HS0-5080	0	40	A	7	40	Plate #1.
6W5	6,3	HS0-3080	0	40	A	7	40	Plate #2.
6W6	6,3	HS5-3480	56	-	C	3	38	
6W7	6,3	HS0-3485	22	-	B	3	31	Cap con. to grid #1.
6X4	6,3	ET0-6070	0	30	A	7	40	Plate #1.
6X4	6,3	ET0-1070	0	30	A	7	40	Plate #2.
6X5	6,3	HS0-5081	0	40	A	7	40	Plate #1.
6X5	6,3	HS0-3081	0	40	A	7	40	Plate #2.
6X6	6,3	HS5-4086	100	100	A	4	-	Eyes Open.
6X6	6,3	HS5-4386	100	100	A	4	-	Eyes Closed.
6X8	6,3	EV7-9861	9	-	D	3	23	Pentode Section.
6X8	6,3	EV2-3861	15	-	D	3	23	Triode Section.
6Y5	6,3	GR0-5040	0	63	A	7	40	Plate #1.
6Y5	6,3	GR0-3040	0	63	A	7	40	Plate #2.
6Y6	6,3	HS5-3480	33	-	D	3	30	
6Y7	6,3	HS5-6083	15	-	B	3	25	Triode #1.
6Y7	6,3	HS4-3086	15	-	B	3	25	Triode #2.
6Z4	6,3	FR0-3040	0	46	A	7	40	Plate #1.
6Z4	6,3	FR0-2040	0	46	A	7	40	Plate #2.
6Z5	12,6	GS0-5040	0	38	A	7	40	Plate #1. Short on 3.
6Z5	12,6	GS0-3040	0	38	A	7	40	Plate #2. Short on 3.
6Z7	6,3	HS5-6080	0	-	B	3	30	Triode #1.
6Z7	6,3	HS4-3080	0	-	B	3	30	Triode #2.
6ZY5	6,3	HS0-5080	0	30	A	7	40	Plate #1.
6ZY5	6,3	HS0-3080	0	30	A	7	40	Plate #2.
7000	6,3	HS0-3485	22	-	B	3	31	Cap con. to grid #1.
7025	12,6	EV7-6080	12	-	B	3	32	Triode #1.
7025	12,6	EV2-1030	12	-	B	3	32	Triode #2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
7027	6,3	HS5-3180	23	-	D	3	25	
7036	6,3	ET7-5621	20	-	B	3	30	Amplifier Section.
7036	6,3	ET1-5627	10	-	B	3	38	Oscillator Section.
7044	12,6	EV7-9060	18	-	D	3	50	Triode #1.
7044	12,6	EV2-1030	18	-	D	3	50	Triode #2.
7054	12,6	EV2-7813	9	-	D	3	46	
7055	12,6	ET0-7010	0	70	A	2	40	Diode #1.
7055	12,6	ET0-2050	0	70	A	2	40	Diode #2.
7056	12,6	ET1-5627	11	-	D	3	28	
7057	12,6	EV7-6089	17	-	D	3	34	Triode #1.
7057	12,6	EV2-1039	17	-	D	3	34	Triode #2.
7058	12,6	EV7-6080	12	-	B	3	32	Triode #1.
7058	12,6	EV2-1030	12	-	B	3	32	Triode #2.
7059	12,6	EV2-6370	18	-	C	3	31	Pentode Section.
7059	12,6	EV9-1080	12	-	D	3	43	Triode Section.
7060	12,6	EV8-6790	14	-	D	3	50	Pentode Section.
7060	12,6	EV2-1030	27	-	B	3	50	Triode Section.
7061	12,6	EV3-9170	21	-	C	3	46	
7062	12,6	EV7-6080	18	-	D	3	21	Triode #1.
7062	12,6	EV2-1030	18	-	D	3	21	Triode #2.
70A7	75	HS5-3480	50	-	C	3	38	Pentode Section.
70A7	75	HS0-1000	0	65	A	N>	40	Rectifier Section. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.
70L7	75	HS5-3460	41	-	C	3	63	Pentode Section.
70L7	75	HS0-8013	0	65	A	7	40	Rectifier Section.
7119	12,6	EV7-9060	20	-	E	typo in manual	40	Triode #1
7119	12,6	EV2-1030	20	-	E	typo in manual	40	Triode #2.
713A	6,3	HS4-8630	0	-	C	3	44	
7167	6,3	ET1-5620	11	-	D	#	25	
717A	6,3	HS4-8630	16	-	D	3	18	
7189	6,3	EV2-7930	10	-	D	3	46	
7193	6,3	HS0-0080	13	-	C	3	38	Upper Cap con. to grid. Lower cap con. to plate.
7199	6,3	EV7-2360	12	-	C	3	50	Pentode Section.
7199	6,3	EV9-1080	29	-	C	3	42	Triode Section.
71A	5	ER3-2000	73	-	B	3	42	
72	2,5	ER0-0000	0	80	A	4	40	cap con. to plate.
7212	6,3	HS5-0318	30	-	D	3	35	cap con. to plate.
7233	6,3	EV2-3080	90	-	C	3	50	Typical value = 90.
7236	6,3	JX1-2030	60	-	D	3	30	Typical value = 60.
7236	6,3	JX4-5060	60	-	D	3	30	Typical value = 60.
7244	6,3	ET5-2070	15	-	D	3	23	Triode #1.
7244	6,3	ET6-1070	15	-	D	3	23	Triode #2.
7245	6,3	ET1-7020	15	-	D	3	45	Gas test not reliable. Do not perform.
7247	12,6	EV7-6080	12	-	B	3	32	Triode #1.
7247	12,6	EV2-1030	24	-	B	3	55	Triode #2.
7258	12,6	EV8-6791	10	-	C	3	56	Pentode Section.
7258	12,6	EV2-1736	20	-	C	3	56	Triode Section.
7289	6,3	HS6-5080	18	-	E	3	50	TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY! Use adapter E107.
7289	6,3	HS6-5080	78	-	F	3	50	TV-7D/U ONLY! Use adapter E107
7308	6,3	EV7-6080	21	-	D	3	50	Triode #1.
7308	6,3	EV2-1030	21	-	D	3	50	Triode #2.
7316	12,6	EV7-6080	24	-	B	3	56	Triode #1.
7316	12,6	EV2-1030	24	-	B	3	56	Triode #2.
7318	12,6	EV7-6080	24	-	B	3	56	Triode #1.
7318	12,6	EV2-1030	24	-	B	3	56	Triode #2.
731A	6,3	ET1-5620	10	-	D	3	22	
7320	6,3	EV2-7930	30	-	C	3	50	Short on 1, 2, 3, and 5.
7355	6,3	HS6-3850	20	-	D	3	34	
7357	25	HS5-0318	30	-	D	3	35	cap con. to plate.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
7360	6,3	EV3-6219	27	-	B	3	24	Connect pin 1 to pin 8 and pin 6 to pin 7 on loctal socket.
7370	20	FY7-9060	23	-	D	3	38	Triode #1.
7370	20	JU2-1030	23	-	D	3	38	Triode #2.
7408	6,3	HS5-3481	21	-	C	3	46	
7489	12,6	EV7-6080	24	-	B	3	56	Triode #1.
7489	12,6	EV2-1030	24	-	B	3	56	Triode #2.
7494	12,6	EV7-6080	12	-	B	3	32	Triode #1.
7494	12,6	EV2-1030	12	-	B	3	32	Triode #2.
								If short indication is obtained on positions 2 and 3 on shorts test, use the following selector settings: EV2-7831. All other settings remain the same.
7499	6,3	EV2-7839	0	-	D	3	46	
75	6,3	GR0-2050	11	-	B	3	19	Triode Section. Cap con. to grid.
75	6,3	GR0-4052	0	14	A	2	40	Diode #1.
75	6,3	GR0-3052	0	14	A	2	40	Diode #2.
7534	6,3	HS5-0480	25	-	D	3	40	Top cap = plate. Best seen = 80.
7543	6,3	ET1-5672	16	-	B	3	58	
7551	12,6	EV2-6317	26	-	D	3	30	
7558	6,3	EV2-6317	26	-	D	3	30	
7581	6,3	HS5-3480	20	-	D	3	51	
7586	6,3	DR4-2080	27	-	D	3	40	Use Hickok adapter Code # 1050-127.
7587	6,3	DR4-0280	10	-	D	#	38	cap con. to plate. Use Hickok adapter Code # 1050-127.
7591	6,3	HS6-3450	10	-	D	3	36	
75MG	6,3	HS0-4080	11	-	B	3	19	Triode Section. Cap con. to grid.
75MG	6,3	HS0-5080	0	14	A	2	40	Diode #1.
75MG	6,3	HS0-6080	0	14	A	2	40	Diode #2.
76	6,3	FR3-2040	29	-	B	3	36	
7631	6,3	ET0-7010	0	70	A	2	40	Diode #1.
7631	6,3	ET0-2050	0	70	A	2	40	Diode #2.
7687	6,3	EV2-6370	15	-	C	3	35	Pentode Section.
7687	6,3	EV9-1080	35	-	C	3	22	Triode Section.
7693	6,3	ET1-5627	15	-	B	3	50	
7694	6,3	ET1-5627	0	-	C	3	48	
7695	50	EV6-1170	30	-	D	3	48	
77	6,3	GR0-2354	21	-	B	3	31	Cap con. to grid.
7700	6,3	GR0-2354	21	-	B	3	31	Cap con. to grid.
7701	12,6	EV2-0910	11	-	C	3	48	
7716	12,6	EV7-9860	10	-	D	3	30	Pentode Section.
7716	12,6	EV2-3010	26	-	B	3	24	Triode Section.
7717	6,3	ET1-5620	11	-	D	#	25	
7719	12,6	EV2-1030	38	-	C	3	14	
7724	12,6	EV8-9070	20	-	B	3	12	Triode Section.
7724	12,6	EV0-2030	0	0	A	2	32	Diode #1.
7724	12,6	EV0-6010	0	0	A	2	32	Diode #2.
7728	12,6	EV7-6080	10	-	C	3	50	Triode #1.
7728	12,6	EV2-1030	10	-	C	3	50	Triode #2.
7729	12,6	EV7-6080	12	-	B	3	32	Triode #1.
7729	12,6	EV2-1030	12	-	B	3	32	Triode #2.
7730	12,6	EV7-6080	24	-	B	3	56	Triode #1.
7730	12,6	EV2-1030	24	-	B	3	56	Triode #2.
7731	6,3	EV2-6370	15	-	B	3	57	Pentode Section.
7731	6,3	EV9-1080	16	-	C	3	57	Triode Section.
7732	6,3	ET1-5627	11	-	D	3	28	
7733	12,6	EV2-7813	9	-	D	3	46	
7734	6,3	EV8-9170	27	-	B	3	29	Pentode Section.
7734	6,3	EV3-6020	65	-	C	3	56	Triode Section.
7738	6,3	ET2-1050	6	-	D	3	40	
7754	6,3	EV6-9170	30	-	D	3	48	
7755	6,3	ET1-5620	12	-	D	#	14	
7756	6,3	GY7-3510	34	-	D	3	27	
7759	25	DW7-8050	25	-	C	3	31	Triode #1.
7759	25	DW2-1040	25	-	C	3	31	Triode #2.
7760	25	DW7-8050	43	-	B	3	25	Triode #1.
7760	25	DW2-1040	43	-	B	3	25	Triode #2.
7761	25	DW1-5720	25	-	D	3	21	
7762	25	DW1-5720	43	-	C	3	53	
7788	6,3	EV2-7938	29	-	C	3	50	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
78	6,3	GR0-2354	24	-	B	3	36	Cap con. to grid #1.
								Plate #1. Use Hickok adapter Code # 1050-107. Connect the negative (-) end of a 30-volt battery to pin #2 of the large 7-pin socket; connect the positive end (+) of the battery to pin 4 of the large 7-pin socket. Connect the plate jack connector to the cap over pin-6 of the octal socket. Caution: Disconnect the battery (Everyready #413) before changing selector settings!
7854	12,6	HR6-0340	35	-	C	3	60	
								Plate #2. Use Hickok adapter Code # 1050-107. Connect the negative (-) end of a 30-volt battery to pin #6 of the large 7-pin socket; connect the positive end (+) of the battery to pin 4 of the large 7-pin socket. Connect the plate jack connector to the cap over pin-3 of the octal socket. Caution: Disconnect the battery (Everyready #413) before changing selector settings!
7854	12,6	HR2-0340	35	-	C	3	60	
7861	12,6	KR7-6080	17	-	D	3	26	Triode #1.
7861	12,6	KR3-4020	17	-	D	3	26	Triode #2.
7868	6,3	EV2-9730	10	-	D	3	42	Use Hickok adapter Code # 1050-144.
7889	25	DW7-8050	13	-	D	3	13	Triode #1.
7889	25	DW2-1040	13	-	D	3	13	Triode #2.
7895	6,3	DR4-2080	17	-	D	3	32	Use Hickok adapter Code # 1050-127.
7898	12,6	EV7-6080	10	-	C	3	50	Triode #1.
7898	12,6	EV2-1030	10	-	C	3	50	Triode #2.
79	6,3	GR0-5040	15	-	B	3	25	Triode #1. Cap con. to grid.
79	6,3	GR3-2040	15	-	B	3	25	Triode #2.
7905	6,3	BZ2-6307	50	47	A	3	50	
7984	12,6	BS3-5678	45	-	D	3	27	Use Hickok Adapter Model 1704. Set adapter selectors to 5-0-4.
7A4	6,3	JR6-2070	23	-	B	3	50	
7A5	6,3	JR6-2370	25	-	D	3	30	
7A6	6,3	JR0-6075	0	60	A	2	40	Diode #1.
7A6	6,3	JR0-3025	0	60	A	2	40	Diode #2.
7A7	6,3	JR6-2374	27	-	B	3	44	
7A8	6,3	JR6-2574	-	-	-	-	-	Short Test Only!
7A8	6,3	JR4-5376	40	-	B	3	31	
7AB7	6,3	HS5-3140	10	-	B	3	46	
7AD7	6,3	JR6-2374	0	-	D	3	31	
7AF7	6,3	JR5-6070	21	-	C	3	33	Triode #1.
7AF7	6,3	JR4-3020	21	-	C	3	33	Triode #2.
7AG7	6,3	JR6-2374	0	-	C	3	38	
7AH7	6,3	JR6-2374	0	-	C	3	42	
7AJ7	6,3	JR6-2374	0	-	D	3	11	
7AK7	6,3	JR6-2374	0	-	C	3	50	
7AU7	6,3	EV7-6080	24	-	B	3	56	Triode #1.
7AU7	6,3	EV2-1030	24	-	B	3	56	Triode #2.
7B4	6,3	JR6-2070	12	-	B	3	25	
7B5	6,3	JR6-2370	34	-	B	3	40	
7B6	6,3	JR3-2070	0	-	B	3	28	Triode Section.
7B6	6,3	JR0-6072	0	14	A	2	40	Diode #1.
7B6	6,3	JR0-5072	0	14	A	2	40	Diode #2.
7B7	6,3	JR6-2374	27	-	B	3	43	
7B8	6,3	JR6-2574	-	-	-	-	-	Short Test Only!
7B8	6,3	JR4-5376	44	-	B	3	29	
7C4	6,3	JR0-4070	0	52	A	2	40	Diode
7C5	6,3	JR6-2370	30	-	C	3	38	
7C6	6,3	JR3-2070	10	-	B	3	15	Triode Section.
7C6	6,3	JR0-6072	0	0	A	2	30	Diode #1.
7C6	6,3	JR0-5072	0	0	A	2	30	Diode #2.
7C7	6,3	JR6-2374	22	-	B	3	33	
7DJ8	7,5	EV7-6080	20	-	D	3	62	Triode #1. Make LINE TEST at 56.
7DJ8	7,5	EV2-1030	20	-	D	3	62	Triode #2. Make LINE TEST at 56.
7E5	6,3	JS1-3040	15	-	C	3	38	
7E6	6,3	JR3-2070	12	-	B	3	55	Triode Section.
7E6	6,3	JR0-6072	0	14	A	2	40	Diode #1.
7E6	6,3	JR0-5072	0	14	A	2	40	Diode #2.
7E7	6,3	JR6-2570	22	-	B	3	33	Pentode Section.
7E7	6,3	JR0-4072	0	0	A	2	30	Diode #1.
7E7	6,3	JR0-3072	0	0	A	2	30	Diode #2.
7EY6	6,3	HS5-3480	31	-	C	3	55	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
7F7	7,5	JR5-6073	0	-	B	3	33	Triode #1.
7F7	6,3	JR4-3026	0	-	B	3	33	Triode #2.
7F8	6,3	HS8-6050	10	-	D	3	25	Triode #1.
7F8	6,3	HS1-3040	10	-	D	3	25	Triode #2.
7G7	6,3	JR6-2374	18	-	B	3	50	
7G8	6,3	JR5-7362	10	-	B	3	53	Tetrode #1.
7G8	6,3	JR4-2367	10	-	B	3	53	Tetrode #2.
7GV7	7,5	EV7-3280	29	-	B	3	33	Pentode Section.
7GV7	7,5	EV9-1080	38	-	C	3	47	Triode Section.
7H7	6,3	JR6-2374	10	-	D	3	19	
7HG8	7,5	EV2-8930	25	-	?	3	55	Pentode Section.
7HG8	7,5	EV6-7030	38	-	?	3	30	Triode Section.
7J7	6,3	JR6-2574	18	-	B	3	20	Heptode Section.
7J7	6,3	JR4-3576	18	-	B	3	25	Triode Section.
7K7	6,3	JR4-3020	0	-	B	3	25	Triode Section.
7K7	6,3	JR0-5070	0	20	A	2	40	Diode #1.
7K7	6,3	JR0-6070	0	20	A	2	40	Diode #2.
7L7	6,3	JR6-2374	12	-	B	3	50	
7N7	6,3	JR5-6073	23	-	B	3	50	Triode #1.
7N7	6,3	JR4-3026	23	-	B	3	50	Triode #2.
7Q7	6,3	JR6-2375	-	-	-	-	-	Short Test Only!
7Q7	6,3	JR4-3076	20	-	C	3	57	
7R7	6,3	JR6-2570	10	-	C	3	38	Pentode Section.
7R7	6,3	JR0-4072	0	0	A	2	30	Diode #1.
7R7	6,3	JR0-3072	0	0	A	2	30	Diode #2.
7S7	6,3	JR6-2574	18	-	B	3	38	Heptode Section.
7S7	6,3	JR4-3576	0	-	B	3	38	Triode Section.
7T7	6,3	JR6-2374	9	-	C	3	38	
7V7	6,3	JR6-2374	6	-	C	3	50	
7W7	6,3	JR6-2375	10	-	D	3	18	
7X6	6,3	JR0-6075	0	57	A	7	40	Plate #1.
7X6	6,3	JR0-3025	0	57	A	7	40	Plate #2.
7X7	6,3	JR3-2040	0	-	B	3	23	Triode Section.
7X7	6,3	JR0-5040	0	67	A	2	40	Diode #1.
7X7	6,3	JR0-6070	0	67	A	2	40	Diode #2.
7Y4	6,3	JR0-6070	0	42	A	7	40	Plate #1.
7Y4	6,3	JR0-3070	0	42	A	7	40	Plate #2.
7Z4	6,3	JR0-6070	0	12	A	7	40	Plate #1.
7Z4	6,3	JR0-3070	0	12	A	7	40	Plate #2.
80	5	ER0-3000	0	0	A	7	40	Plate #1.
80	5	ER0-2000	0	0	A	7	40	Plate #2.
8005	10	ER3-0000	22	-	B	3	50	cap con. to plate.
8013A	3	ER0-0000	0	75	A	4	40	cap con. to plate.
8016	1,1	HS0-0000	0	68	A	4	50	cap con. to plate.
801A	7,5	ER3-2000	0	-	B	3	38	
8020	5	ER0-0000	0	85	A	4	40	cap con. to plate.
8025	6,3	ER0-0000	25	-	C	3	>	See Note Typical value of 57. Higher cap = plate. Lower cap = grid.
802A	6,3	HR4-0365	22	-	B	3	50	cap con. to plate.
8032	12,6	HS5-0318	30	-	D	3	35	cap con. to plate.
8068	6,3	HS5-0380	23	-	D	3	>	See Note New tubes typically read 42 to 45. Cap = plate.
807	6,3	FR3-0240	33	-	C	3	48	cap con. to plate.
8077	12,6	EV2-7813	9	-	D	3	46	
808	7,5	ER0-0000	20	-	B	3	>	See Note Best seen = 40. Plate to top cap. Grid to side.
809	6,3	ER3-2000	0	-	B	3	42	cap con. to plate.
81	7,5	ER0-2000	0	40	A	6	40	
811	6,3	ER3-0000	0	-	B	3	36	cap con. to plate.
812	6,3	ER3-0000	0	-	B	3	56	cap con. to plate.
814	10	FR3-0240	0	-	C	3	38	cap con. to plate.
815	6,3	BV2-0437	31	-	C	3	50	Pentode #1. Right cap con. to plate.
815	6,3	JV7-0432	31	-	C	3	50	Pentode #2. Left cap con. to plate. Short on 3.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
816	2,5	ER0-0000	0	69	A	7	40	cap con. to plate.
82	2,5	ER0-3000	0	70	A	7	40	Plate #1.
82	2,5	ER0-2000	0	70	A	7	40	Plate #2.
							See Note >	
828	10	FR3-0204	33	-	B	3		Best seen = 60.
8298	6,3	HS5-0318	30	-	D	3	35	cap con. to plate.
829B	6,3	HS4-5613	0	-	D	3	20	Plate #1. Use adapter E105.
829B	6,3	HS4-8613	0	-	D	3	20	Plate #2. Use adapter E105.
83	5	ER0-3000	0	66	A	7	40	Plate #1.
83	5	ER0-2000	0	63	A	7	40	Plate #2.
							See Note >	
830	10	ER3-0000	24	-	B	3		Best seen = 70. Plate top top cap.
832A	6,3	HS4-5613	0	-	C	3	44	Plate #1. Use adapter E105.
832A	6,3	HS4-8613	0	-	C	3	44	Plate #2. Use adapter E105.
8334	6,3	ET2-1050	6	-	D	3	40	
834	7,5	ER0-0000	0	-	B	3	46	Near Cap con. to grid. Far cap con. to plate.
836	3	ER0-0000	0	56	A	7	40	cap con. to plate.
837	12,6	HR4-0365	0	-	C	3	50	cap con. to plate.
8393	12,6	DR4-2080	27	-	D	3	40	Use Hickok adapter Code # 1050-127.
83V	5	ER0-3000	0	60	A	7	40	Plate #1.
83V	5	ER0-2000	0	60	A	7	40	Plate #2.
84	6,3	FR0-3040	0	46	A	7	40	Plate #1.
84	6,3	FR0-2040	0	46	A	7	40	Plate #2.
841	7,5	ER3-2000	0	-	B	3	25	
842	7,5	ER3-2000	61	-	B	3	30	
8425	6,3	ET1-5672	16	-	B	3	58	
8426	12,6	ET1-5672	16	-	B	3	58	
843	2,5	FR3-2040	12	-	B	3	42	
8445	6,3	EV2-6370	15	-	B	3	57	Pentode Section.
8445	6,3	EV9-1080	16	-	C	3	57	Triode Section.
8447	12,6	EV2-1030	14	-	D	3	20	Triode Section.
8447	12,6	EV0-7080	0	70	A	2	40	Diode #1.
8447	12,6	EV0-6080	0	70	A	2	40	Diode #2.
8448	12,6	EV2-7813	9	-	D	3	46	
8489	6,3	EV8-6791	7	-	D	3	31	Pentode Section.
8489	6,3	EV2-1736	21	-	C	3	42	Triode Section.
85	6,3	GR0-2050	39	-	B	3	25	Triode Section. Cap con. to grid.
85	6,3	GR0-4052	0	14	A	2	40	Diode #1.
85	6,3	GR0-3052	0	14	A	2	40	Diode #2.
8532	6,3	ET1-7020	15	-	D	3	45	
85AS	6,3	GR0-2050	28	-	B	3	28	Triode Section. Cap con. to grid.
85AS	6,3	GR0-4052	0	14	A	2	40	Diode #1.
85AS	6,3	GR0-3052	0	14	A	2	40	Diode #2.
864	1,1	ER3-2000	45	-	B	3	16	
865	7,5	ER3-0200	34	-	B	3	16	cap con. to plate.
866	3	ER0-0000	0	67	A	7	40	cap con. to plate.
866A	3	ER0-0000	0	67	A	7	40	cap con. to plate.
866JR	3	ER0-2000	0	67	A	7	40	cap con. to plate.
871	2,5	ER0-0000	0	65	A	7	40	cap con. to plate.
874	-	AP0-3010	0	53	A	4	40	
879	2,5	ER0-0000	0	78	A	4	40	cap con. to plate.
884	6,3	HS5-3080	N>	90	A	4	40	Should strike between settings 82 and 72 of the BIAS dial.
885	2,5	FR3-2040	N>	90	A	4	40	Should strike between settings 82 and 72 of the BIAS dial.
89 / 89Y	6,3	GR0-2354	37	-	B	3	39	Cap con. to grid.
8A8	10	EV2-6371	19	-	C	3	34	Pentode Section.
8A8	10	EV9-1086	34	-	C	3	36	Triode section.
								Triode #1. Use Hickok Adapter Model 1704. set adapter selectors to 2-0-3.
8AC10	7,5	BT9-2040	30	-	B	3	28	
8AC10	7,5	BS7-5060	30	-	B	3	28	Triode #2. Use Hickok Adapter Model 1704. set adapter selectors to 0-0-2.
8AC10	7,5	BV4-2030	30	-	B	3	28	Triode #3. Use Hickok Adapter Model 1704. set adapter selectors to 0-4-5.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
8AR11	7,5	BS4-8937	12	-	C	3	51	Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.
8AR11	7,5	BX5-2364	12	-	C	3	51	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.
8AU8	7,5	EV7-9860	10	-	D	3	30	Pentode Section.
8AU8	7,5	EV2-3010	9	-	D	3	25	Triode Section.
8AW8A	7,5	EV7-9860	14	-	D	3	38	Pentode Section.
8AW8A	7,5	EV2-3010	9	-	D	3	20	Triode Section.
								Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-5.
8B10	7,5	BV3-4020	29	-	C	3	28	Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
8B10	7,5	BS5-6070	29	-	C	3	28	Diode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
8B10	7,5	BS0-8090	0	53	A	2	40	Diode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 8-0-2.
8B10	7,5	BS0-8090	0	53	A	2	40	
8B8	7,5	EV3-6720	26	-	C	3	58	
8B8	7,5	EV1-9080	21	-	B	3	23	
								Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.
8BA11	7,5	BS4-6387	10	-	B	3	19	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.
								Triode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
8BA11	7,5	BU9-3020	33	-	B	3	45	
8BA8A	7,5	EV7-9860	11	-	D	3	30	Pentode Section.
8BA8A	7,5	EV2-3010	29	-	C	3	34	Triode Section.
8BH8	7,5	EV7-9860	8	-	D	3	30	Pentode Section.
8BH8	7,5	EV2-3010	29	-	C	3	42	Triode Section.
								Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
8BM11	7,5	BU3-7928	20	-	C	3	40	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.
8BM11	7,5	BX6-2354	25	-	C	3	31	
8BN8	7,5	EV8-7090	15	-	D	3	13	Triode Section.
8BN8	7,5	EV0-6030	0	70	A	2	40	Diode #1.
8BN8	7,5	EV0-1020	0	70	A	2	40	Diode #2.
								Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.
8BQ11	7,5	BU2-8937	12	-	C	3	51	Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.
8BQ5	7,5	EV2-7930	30	-	C	3	50	Short on 1, 2, 3, and 5.
8CG7	7,5	EV7-6089	23	-	B	3	50	Triode #1.
8CG7	7,5	EV2-1039	23	-	B	3	50	Triode #2.
8CM7	7,5	EV7-6030	25	-	B	3	50	Triode #1.
8CM7	7,5	EV8-1090	22	-	D	3	22	Triode #2.
8CN7	7,5	EV7-8060	11	-	B	3	30	Triode Section.
8CN7	7,5	EV0-2030	0	70	A	2	40	Diode #1.
8CN7	7,5	EV0-1030	0	70	A	2	40	Diode #2.
8CS7	7,5	EV7-6080	17	-	C	3	28	Triode #1.
8CS7	7,5	EV3-1090	28	-	D	3	23	Triode #2.
8CW5	7,5	EV2-7930	9	-	D	3	50	Short on 1, 2, 3, and 5.
8CX8	7,5	EV7-9860	11	-	D	3	31	Pentode Section.
8CX8	7,5	EV2-3010	26	-	C	3	25	Triode Section.
8CY7	7,5	EV7-6080	25	-	B	3	12	Triode #1.
8CY7	7,5	EV2-1090	65	-	C	3	50	Triode #2.
8EB8	7,5	EV7-9860	0	-	D	3	46	Pentode Section.
8EB8	7,5	EV2-3010	19	-	B	3	38	Triode Section.
8EM5	7,5	EV3-9170	23	-	D	3	25	
8ET7	7,5	EV7-9860	10	-	D	3	38	Pentode Section.
8ET7	7,5	EV0-3010	0	0	A	2	20	Diode #1.
8ET7	7,5	EV0-2010	0	0	A	2	20	Diode #2.
8FQ7	7,5	EV7-6080	23	-	B	3	50	Triode #1.
8FQ7	7,5	EV2-1030	23	-	B	3	50	Triode #2.
8GJ7	7,5	EV2-6710	25	-	B	3	60	Pentode Section.
8GJ7	7,5	EV9-8030	40	-	B	3	44	Triode Section.
8GN8	7,5	EV7-9860	10	-	D	3	42	Pentode Section.
8GN8	7,5	EV2-3010	20	-	B	3	29	Triode Section.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
8JU8	7,5	EV0-8090	0	70	A	2	40	Diode #1.
8JU8	7,5	EV0-7080	0	70	A	2	40	Diode #2.
8JU8	7,5	EV0-2030	0	70	A	2	40	Diode #3.
8JU8	7,5	EV0-1020	0	70	A	2	40	Diode #4.
8SN7	7,5	HY4-5060	23	-	B	3	50	Triode #1.
8SN7	7,5	HY1-2030	23	-	B	3	50	Triode #2.
9001	6,3	ET1-5670	21	-	B	3	28	
9002	6,3	ET6-1070	22	-	B	3	48	
9003	6,3	ET1-5620	17	-	B	3	38	
9004	6,3	GR0-3040	0	65	A	2	40	Diode.
9005	4,3	GR0-4030	0	52	A	2	40	Diode.
9006	6,3	ET0-1070	0	52	A	2	40	Diode.
950	2	FR3-2400	45	-	B	3	24	
951	2	ER0-2300	18	-	B	#	16	Cap con. to grid.
954	6,3	GR8-0374	30	-	B	3	18	cap con. to plate.
955	6,3	GR4-3070	22	-	B	3	48	
956	6,3	GR8-0374	30	-	B	3	31	cap con. to plate.
957	1,5	GR4-3000	28	-	B	3	16	
958	1,5	GR4-3000	41	-	B	3	30	
958A	1,1	GR4-3000	45	-	B	3	16	
959	1,5	GR8-0300	25	-	B	#	15	cap con. to plate.
99	3	ER3-2000	55	-	B	3	11	
9A8	10	EV2-6371	19	-	C	3	34	Pentode Section.
9A8	10	EV9-1086	34	-	C	3	36	Triode section.
9AU7	10	EV7-6080	24	-	B	3	56	Triode #1.
9AU7	10	EV2-1030	24	-	B	3	56	Triode #2.
9BR7	10	EV2-1030	17	-	C	3	38	Triode Section.
9BR7	10	EV0-7080	0	53	A	2	36	Diode #1.
9BR7	10	EV0-6080	0	53	A	2	36	Diode #2.
9CL8	10	EV9-6780	8	-	D	3	20	Tetrode Section.
9CL8	10	EV1-2030	12	-	D	3	35	Triode Section.
9DZ8	10	EV3-6720	24	-	D	3	30	Pentode Section.
9DZ8	10	EV1-9080	26	-	B	3	15	Triode Section.
9GH8	10	EV2-6370	19	-	C	3	38	Pentode Section.
9GH8	10	EV9-1080	13	-	D	3	42	Triode Section.
9KZ8	10	EV2-6730	19	-	C	3	38	Pentode Section.
9KZ8	10	EV9-1080	13	-	D	3	42	Triode Section.
9U8	10	EV2-6370	15	-	B	3	57	Pentode Section.
9U8	10	EV9-1080	16	-	C	3	57	Triode Section.
9X8	10	EV7-9861	9	-	D	3	23	Pentode Section.
9X8	10	EV2-3861	15	-	D	3	23	Triode Section.
A5726	6,3	ET7-5621	20	-	B	3	30	Amplifier Section.
A5726	6,3	ET1-5627	10	-	B	3	38	Oscillator Section.
AD	6,3	ER0-2030	0	53	A	7	40	
AF	2,5	ER0-3000	0	70	A	7	40	Plate #1.
AF	2,5	ER0-2000	0	70	A	7	40	Plate #2.
AG	5	ER0-3000	0	66	A	7	40	Plate #1.
AG	5	ER0-2000	0	63	A	7	40	Plate #2.
B2A	6,3	HS5-3068	N>	90	A	4	40	Should strike between settings 43 and 33 of the BIAS dial.
BH	-	AP0-1020	0	60	A	6	40	
BH	-	AP0-4020	0	60	A	6	40	
BR	-	AP0-4010	0	60	A	6	40	
C182	5	ER3-2000	83	-	B	3	25	
C182A	5	ER3-2000	79	-	B	3	38	
CK1005	6,3	GY0-3050	0	89	A	4	40	Plate #1.
CK1005	6,3	GY0-5030	0	89	A	4	40	Plate #2.
CK1027	-	AP0-4070	0	83	A	4	40	cap con. to plate.
CK1042	-	AP0-1050	0	35	A	6	40	
CK108	6,3	GR0-2354	21	-	B	3	31	Cap con. to grid.
CK113	50	HS5-3486	48	-	B	3	45	Pentode Section.
CK113	50	HS0-6010	0	57	A	7	40	Rectifier Section.
CK502AX	1,1	DV4-1200	18	-	B	#	15	
CK503A	1,1	DV4-1200	45	-	B	3	12	
CK503AX	1,1	DV4-1200	30	-	B	#	6	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
CK505AX	0,6	DV4-1200	0	-	B	#	4	
CK506AX	1,1	DV4-1200	33	-	B	#	13	
CK510AX	0,6	EX1-2300	0	0	A	4	4	Section #1.
CK510AX	0,6	EX6-5300	0	0	A	4	4	Section #2.
CK512AX	0,6	DV4-1200	30	0	A	4	20	
CK518AX	1,1	DV4-1200	45	0	A	4	40	
CK522AX	1,1	DV4-1200	38	0	A	4	40	
CK523AX	1,1	DV4-1200	47	0	A	4	40	
CK524AX	1,1	DV4-1200	76	0	A	4	40	
CK525AX	1,1	DV4-1200	48	0	A	4	40	
CK526AX	1,1	DV4-1200	59	0	A	4	40	
CK527AX	1,1	DV4-1200	32	0	A	4	20	
CK528AX	1,1	DV4-1200	37	0	A	4	40	
CK529AX	1,1	DV4-1200	67	0	A	4	40	
CK533AX	1,1	DV4-1200	40	0	A	4	38	
CK535AX	1,1	DV4-1200	67	0	A	4	40	
CK541DX	1,1	DV4-1200	41	0	A	4	12	
CK542DX	1,1	DV4-2100	19	0	A	2	12	
CK543DX	0,6	DV4-2100	0	0	A	2	15	
CK544DX	1,1	DV4-1200	30	0	A	4	20	
CK547DX	1,1	DV4-1200	41	0	A	4	12	
CK548DX	1,1	DV4-1200	56	0	A	4	12	
CK551AX	1,1	EW5-1200	20	-	B	#	10	Pentode Section.
CK551AX	1,1	EW0-3000	0	0	A	2	6	Diode Section.
CK553AX	1,1	DV4-1200	0	-	B	#	10	
CK556AX	1,1	ES3-1000	37	-	B	3	25	
CK568AX	1,1	ES3-1000	40	-	B	3	11	
CK569AX	1,1	DV4-1200	24	-	B	3	19	
CK571AX	1,1	DU7-1200	92	-	B	3	4	
CK573AX	1,1	CU3-1000	34	-	B	3	50	
CK574AX	0,6	DV4-2100	0	0	A	2	11	
CK605CX	6,3	DU7-1265	10	-	D	3	22	
CK606BX	6,3	CT0-1040	0	69	A	2	40	Diode.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
CK608CX	6,3	DU5-1060	20	-	D	3	25	
CK611	6,3	ET1-5020	18	-	D	3	30	
CK612	6,3	ET1-5670	0	-	D	#	30	
CK619CX	6,3	CT4-1050	5	-	D	3	20	
CK628*	6,3	DW1-8050	12	-	D	3	16	F basing.
CV1037	4,3	DU2-1050	16	-	C	3	30	
CV1039	4,3	DU0-1000	-	60	A	7	40	Plate #1.
CV1039	4,3	DU0-2000	-	60	A	7	40	Plate #2.
CV1040	4,3	ET2-1000	18	-	D	3	30	
CV1052	6,3	HS0-3480	22	-	C	3	50	Cap con. to grid #1.
CV1053	6,3	CX0-3485	30	-	B	3	40	Cap con. to grid #1.
CV1054	6,3	CX0-5080	-	24	A	2	40	Diode #1.
CV1054	6,3	CX0-3040	-	24	A	2	40	Diode #2.
CV1055	6,3	CX0-3080	21	-	B	3	50	Triode Section. Cap con. to grid #1.
CV1055	6,3	CX0-4080	-	14	A	2	40	Diode #1.
CV1055	5,3	CX0-5080	-	14	A	2	40	Diode #2.
CV1056	6,3	CX5-3485	19	-	B	3	38	
CV1064	4,3	DU0-2000	-	40	A	7	40	Plate #1.
CV1064	4,3	DU0-3000	-	40	A	7	40	Plate #2.
CV1065	6,3	BY0-3425	10	-	D	3	35	Cap con. to grid #1.
CV1067	6,3	CX5-3080	22	-	C	3	40	
CV1071	5	JS0-6000	0	47	A	7	40	Plate #1.
CV1071	5	JS0-4000	0	42	A	7	40	Plate #2.
CV1072	4,3	ET0-0000	-	55	A	7	40	Use adapter for British types.
CV1073	6,3	HS0-4081	12	-	B	3	25	Cap con. to grid.
CV1075	6,3	CX5-3480	12	-	D	3	40	
CV1078	4,3	BT0-8020	-	60	A	7	40	Use Stark ED adapter. Place lead to top pin. cap con. to plate.
CV1083	2	EV2-0713	0	-	B	#	20	
CV1091	6,3	BV7-3268	8	-	C	3	40	
CV1092	6,3	BT0-8020	-	60	A	7	40	Use Stark ED adapter. Place lead to top pin.
CV1099	6,3	HS5-3486	11	-	B	3	25	Hexode Section. Cap con. to grid.
CV1099	6,3	HS5-6483	0	-	C	3	30	Triode Section.
CV1100	6,3	CX0-3480	25	-	C	3	45	Cap con. to grid #1.
CV1101	6,3	HS0-3080	22	-	D	3	16	Top Cap con. to grid. Triode Section.
CV1101	6,3	HS0-4080	-	15	A	2	40	Diode #1.
CV1101	6,3	HS0-5080	-	40	A	2	40	Diode #2.
CV1102	6,3	HS5-6080	37	-	C	3	40	Triode #1.
CV1102	6,3	HS0-3040	37	-	C	3	40	Top Cap con. to grid. Triode #2.
CV1103	6,3	CX8-4050	0	100	A	3	-	Eye Open.
CV1103	6,3	CX8-4350	0	100	A	3	-	Eye Closed.
CV1111	4,3	DU0-0000	-	10	A	7	20	cap con. to plate.
CV1113	4,3	DU0-0000	-	0	A	7	40	cap con. to plate.
CV1122	4,3	DU2-1050	16	-	D	3	35	
CV1136	6,3	BV6-2385	15	-	C	3	40	
CV1137	6,3	BV2-4030	14	-	C	3	55	
CV1164	4,3	DU2-0155	18	-	B	3	62	cap con. to plate.
CV1169	4,3	EV2-0763	20	-	B	3	45	cap con. to plate.
CV1170	4,3	DU0-1050	-	35	A	2	40	
British								
CV1171	4,3	Acorn 5-Pin	0	-	C	3	30	
CV1173	4,3	DU2-1050	11	-	C	3	30	
CV1193	6,3	HS5-3486	11	-	B	3	25	Hexode Section. Cap con. to grid.
CV1193	6,3	HS5-6483	0	-	C	3	30	Triode Section.
BT5-8020 Special Base								
CV1197	6,3	DU2-0050	13	-	C	3	40	Use Stark ED adapter. Place leads to top pins.
CV1198	4,3	DU2-0050	16	-	D	3	35	cap con. to plate.
CV1264	4,3	DU0-1000	-	60	A	7	40	
CV1285	6,3	HS5-6083	12	-	B	3	38	Triode #1.
CV1285	6,3	HS4-3086	12	-	B	3	38	Triode #2.
CV1290	2	DU0-0000	-	82	A	4	40	cap con. to plate.
CV1300	12,6	DU0-1050	-	40	A	2	40	Diode #1.
CV1300	12,6	DU0-2050	-	40	A	2	40	Diode #2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
CV1306	2	BY0-3000	21	-	B	3	30	Cap con. to grid.
CV1306	2	BY0-7000	-	20	A	2	40	Diode #1.
CV1306	2	BY0-5000	-	20	A	2	40	Diode #2.
CV131	6,3	DU1-5726	17	-	B	3	40	
CV132	-	-	-	-	-	-	-	No Settings Listed.
CV1321	12,6	EV0-2763	19	-	B	3	35	Cap con. to grid.
CV1326	4,3	EV2-7360	23	-	D	3	35	
CV133	6,3	ET6-1070	24	-	B	3	55	
CV1331	2	BY0-3405	25	-	B	3	15	Top Cap con. to grid.
CV1347	6,3	HS5-3486	11	-	B	3	25	Hexode Section. Cap con. to grid.
CV1347	6,3	HS5-6483	0	-	C	3	30	Triode Section.
CV136	6,3	DU1-5720	23	-	C	3	45	
CV137	6,3	DU6-7050	16	-	B	3	60	Triode Section.
CV137	6,3	DU0-1020	-	75	A	2	40	Diode Section.
CV138	6,3	DU1-5726	11	-	C	3	50	
CV140	6,3	ET0-2050	-	70	A	2	40	Diode #1.
CV140	6,3	ET0-7010	-	70	A	2	40	Diode #2.
CV144	6,3	HS4-5613	0	-	D	3	20	Plate #1. Use E105 adapter.
CV144	6,3	HS4-8613	0	-	D	3	20	Plate #2. Use E105 adapter.
CV1456	35	BY5-3426	0	-	D	3	25	
CV1457	12,6	BY0-3425	12	-	C	3	40	Cap con. to grid.
CV1510	6,3	BY7-2368	39	-	C	-	40	
CV155	6,3	HS5-3080	27	-	B	3	38	
CV1574	4,3	JR0-3452	12	-	D	3	25	Top Cap con. to grid.
CV1581	6,3	HS5-3486	16	-	C	3	18	Hexode Section. Cap con. to grid.
CV1581	6,3	HS5-6483	26	-	C	3	16	Triode Section.
CV170	12,6	HY2-6431	0	-	B	3	50	Pentode Section.
CV170	12,6	HY0-5036	0	14	A	2	40	Diode Section.
CV173	6,3	BV7-3264	17	-	D	3	40	
CV181	6,3	HY1-2030	16	-	B	3	65	Triode #1.
CV181	6,3	HY4-5060	16	-	B	3	65	Triode #2.
CV183	2,5	HR3-2400	28	-	B	#	38	
CV1865	6,3	FU1-8030	22	-	C	3	42	
CV1989	6,3	ET0-2050	-	70	A	2	40	
CV205	6,3	HS5-3480	33	-	D	3	30	
CV207	6,3	HS4-8651	10	-	D	3	30	
CV208	6,3	HS5-3481	23	-	D	3	40	
CV2128	6,3	FU2-6137	11	-	C	3	25	Hexode Section.
CV2128	6,3	FU9-8030	21	-	C	-	36	Triode Section.
CV2135	6,3	FU2-7839	24	0	B	3	28	
CV2220	12,6	BY5-2360	33	-	C	3	48	
CV2243	6,3	EV2-7839	19	-	D	3	30	
CV239	6,3	GR5-4030	0	100	A	3	-	Eye Open.
CV239	6,3	GR5-4230	0	100	A	3	-	Eye Closed.
CV275	5	ER0-3000	0	47	A	7	40	Plate #1.
CV275	5	ER0-2000	0	42	A	7	40	Plate #2.
CV278	6,3	HY4-5062	23	-	B	3	50	Triode #1.
CV278	6,3	HY1-2035	23	-	B	3	50	Triode #2.
CV283	6,3	ET0-7010	0	70	A	2	40	Diode #1.
CV283	6,3	ET0-2050	0	70	A	2	40	Diode #2.
CV287	OFF	AP0-4020	-	55	A	4	40	
CV309	6,3	BV7-2464	44	-	B	3	60	
CV32	3	ER0-0000	0	67	A	7	40	cap con. to plate.
CV329	6,3	ET1-5726	14	-	B	3	29	
CV345	6,3	CX5-0480	42	-	D	3	30	cap con. to plate.
CV37	1,5	HS0-3400	11	-	B	3	19	Cap con. to grid.
CV378	5	CY0-4000	-	70	A	7	40	Plate #1.
CV378	5	CY0-6000	-	70	A	7	40	Plate #2.
CV391	-	-	-	-	-	-	-	No Settings Listed.
CV399	4,3	DU2-1050	16	-	C	3	30	
CV4010	6,3	ET1-5620	10	-	D	3	22	
CV4040	6,3	ET1-5720	32	0	C	3	42	
CV4061	1,5	ER0-0000	0	51	A	4	40	
CV4062	6,3	ET1-5722	32	0	D	3	28	
CV428	6,3	BY6-0320	30	-	C	3	30	Use Stark EC adapter. cap con. to plate.
CV431	OFF	AP0-2040	-	80	A	4	40	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
CV465	6,3	DW1-5724	17	-	D	3	22	Use flying lead adapter E104.
CV466	6,3	DW1-4572	22	-	D	3	21	Use flying lead adapter E104.
CV468	6,3	CT1-8070	28	-	D	3	28	Use flying lead adapter E104.
CV469	6,3	MU0-2030	-	68	A	2	40	Use flying lead adapter E104.
CV473	6,3	DW0-2050	-	40	A	7	40	Use flying lead adapter E104.
CV475	6,3	DW1-5728	17	-	C	3	26	Use flying lead adapter E104.
CV51	6,3	CX8-4050	0	100	A	3	-	Eye Open.
CV51	6,3	CX8-4350	0	100	A	3	-	Eye Closed.
CV523	12,6	DU0-1050	-	40	A	2	40	Diode #1.
CV523	12,6	DU0-2050	-	40	A	2	40	Diode #2.
CV54	4,3	DU0-0000	-	30	A	7	40	cap con. to plate.
CV569	6,3	HY4-5062	0	-	B	3	32	Triode #1.
CV569	6,3	HY1-2035	0	-	B	3	32	Triode #2.
CV65	2	BY5-3400	22	-	C	3	35	
CV686	-	HP0-5020	0	60	A	4	40	
CV73	4,3	FU2-0760	40	-	C	3	50	
CV826	4,3	EV0-7360	13	-	B	3	30	Cap con. to grid.
CV826	4,3	EV2-1060	13	-	B	3	35	
E1148	6,3	HS0-0080	14	-	B	3	56	Right cap con. to plate. Left Cap con. to grid.
E810F	6,3	EV2-7938	29	-	C	3	50	
ECC34	6,3	JX1-2030	35	-	C	3	35	Triode #1.
ECC34	6,3	JX4-5060	35	-	C	3	35	Triode #2.
FM1000	6,3	JR2-4536	12	-	B	3	38	Grid #1.
FM1000	6,3	JR6-4532	12	-	B	3	38	Grid #2.
FNH	6,3	ER3-2000	67	-	C	3	38	
GL464A	6,3	HS0-0080	17	-	C	3	56	cap con. to plate. Ring connects to grid.
GL502	6,3	HS5-3680	N>	62	A	7	40	Should strike between settings 80 and 70 of the BIAS dial.
GL546	6,3	ET1-7520	N>	60	A	7	40	Should strike between settings 80 and 70 of the BIAS dial.
GL572	6,3	HS6-5080	18	-	E	3	50	TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY! Use adapter E107.
GL572	6,3	HS6-5080	78	0	F	3	50	TV-7D/U ONLY! Use adapter E107
HD30	2,5	EV3-7100	55	-	B	3	43	
HD51	BLST	AP0-1020	0	32	A	4	40	Short on 1, 2, 3, 4, and 5.
HD52	BLST	AP0-5020	0	40	A	4	40	Short on 1, 2, 3, 4, and 5.
HD59	6,3	ET1-5602	20	-	C	3	38	
HY114	1,5	HS0-0000	19	-	B	3	28	Right cap connects to plate. Left Cap con. to grid.
HY1269	12,6	FR3-0240	0	-	C	3	50	cap con. to plate. Short on 3.
HY40	7,5	ER3-0000	0	-	B	3	30	cap con. to plate.
HY61	6,3	FR3-0240	33	-	C	3	48	cap con. to plate.
HY65	6,3	HS5-0408	0	-	C	3	38	cap con. to plate.
HY69	6,3	FR3-0240	0	-	C	3	38	cap con. to plate.
HY75	6,3	HS0-0000	30	-	B	3	35	Right cap = plate. Left cap = grid. Best seen = 68.
LA	6,3	FR3-2400	28	-	B	3	50	
M328	6,3	EV2-7630	18	-	C	3	39	
M8079	6,3	ET0-7010	0	70	A	2	40	Diode #1.
M8079	6,3	ET0-2050	0	70	A	2	40	Diode #2.
M8080	6,3	ET6-1070	24	-	B	3	55	
M8081	6,3	ET5-2076	16	-	D	3	25	Triode #1.
M8081	6,3	ET6-1075	16	-	D	3	25	Triode #2.
M8082	6,3	ET1-5726	10	-	D	3	25	
M8083	6,3	ET1-5726	10	-	D	3	25	
M8086	6,3	EV9-1673	8	-	D	3	35	
M8100	6,3	ET1-5620	10	-	D	3	22	
M8136	12,6	EV7-6080	24	-	B	3	56	Triode #1.
M8136	12,6	EV2-1030	24	-	B	3	56	Triode #2.
M8196	6,3	ET1-5627	14	-	B	3	44	
M8204	6,3	ET1-6025	N>	90	A	4	40	Should strike between settings 40 and 30 of the BIAS dial.
M8212	6,3	ET0-7010	0	70	A	2	40	Diode #1.
M8212	6,3	ET0-2050	0	70	A	2	40	Diode #2.
M8245	6,3	ET1-5620	21	-	C	3	46	
ME1500*	6,3	EW3-0512	17	-	D	3	15	E basing. Top lead connects to plate.
PJ-7	4,3	ER3-2000	10	-	B	3	21	
PJ-8	4,3	ER3-2000	26	-	B	3	25	
PZ	2,5	FR3-2400	22	-	B	3	50	
PZH	2,5	GR4-2350	29	-	B	3	50	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
R6277	6,3	ET0-6070	0	30	A	7	40	Plate #1.
R6277	6,3	ET0-1070	0	30	A	7	40	Plate #2.
RE2	7,5	ER0-2000	0	40	A	6	40	
RK20A	7,5	FR3-0240	0	-	C	3	32	cap con. to plate.
RK33	6,3	HR4-5060	38	-	B	3	34	Triode #1.
RK33	6,3	HR0-3020	38	-	B	3	34	Triode #2. Cap con. to grid.
RK34	6,3	HR3-0040	18	-	C	3	33	Triode #1. Right cap con. to plate.
RK34	6,3	HR5-0040	18	-	C	3	33	Triode #2. Left cap con. to plate.
RK39	6,3	FR3-0240	33	-	C	3	48	cap con. to plate.
RK60	5	ER0-0000	0	0	A	7	50	Left cap is the plate.
RK60	5	BU0-0000	0	0	A	7	50	Right cap is the plate.
RY32 (Russian)	6,3	HS4-5613	0	-	C	3	44	Plate #1. Use adapter E105.
RY32 (Russian)	6,3	HS4-8613	0	-	C	3	44	Plate #2. Use adapter E105.
SC651	6,3	HS5-3140	10	-	B	3	46	
SC968B*	6,3	DW1-2050	74	-	B	3	46	F basing.
SD1033	5	DU0-1000	0	20	A	2	68	
SD706	6,3	JR5-7362	10	-	B	3	53	Tetrode #1.
SD706	6,3	JR4-2367	10	-	B	3	53	Tetrode #2.
SD828A*	6,3	EW3-1520	18	-	D	3	16	E basing.
SD828E*	6,3	EW3-0512	17	-	D	3	15	E basing. Top lead connects to plate.
SD917A*	6,3	DU2-1050	31	-	B	3	12	C basing.
SD993C*	6,3	DW1-8050	20	-	D	3	29	F basing.
SN1006*	6,3	FT4-1020	28	-	B	3	12	D basing.
SN1007A	6,3	DW1-5724	22	-	B	3	33	Grid #1.
SN1007A	6,3	DW4-5721	22	-	B	#	12	Grid #3.
SN944*	6,3	EW3-0512	26	-	B	3	33	E basing. Top lead connects to plate.
SN946*	6,3	CT0-1040	0	70	A	2	40	A basing. Diode.
SN947C*	6,3	CU6-1350	54	-	C	3	38	E basing.
SN947D*	6,3	DW1-5780	54	-	C	3	38	F basing.
SN949C*	6,3	DW7-1250	N>	58	A	7	40	F basing. Should strike between settings 80 and 70 of the BIAS dial.
SN953A*	6,3	DW1-5720	25	-	D	3	21	F basing.
SN953D*	6,3	DW1-5720	25	-	D	3	21	F basing.
SN954*	6,3	ES0-1030	0	40	A	7	40	B basing.
SN954B*	6,3	DW0-2050	0	40	A	7	40	F basing.
SN955B*	6,3	DW1-7084	28	-	B	3	33	F basing. Triode #1.
SN955B*	6,3	DW2-5084	28	-	B	3	33	F basing. Triode #2.
SN956B	1,1	BS0-0000	0	0	A	7	4	Top lead connects to plate.
SN957A*	6,3	FT4-1020	36	-	B	3	30	D basing.
SN972D*	6,3	DW1-5740	21	-	B	3	50	F basing.
SN973B*	6,3	GT1-5740	22	-	C	3	31	F basing.
SN976C*	6,3	DW1-5740	49	-	C	3	50	F basing.
SN980*	6,3	DW1-8057	23	-	B	3	20	F basing.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
SN986B	25	DW1-5724	22	-	B	3	33	F basing.
SN989*	6,3	DW1-8057	22	-	D	3	28	F basing.
SN995B*	6,3	DW1-5740	21	-	B	3	50	F basing.
SR1553D	6,3	ET2-1050	0	-	D	3	38	
T40	7,5	ER3-0000	0	-	B	3	30	cap con. to plate.
TS251	50	HS5-3486	50	-	B	3	45	Pentode Section.
TS251	50	HS0-6013	0	57	A	7	40	Rectifier Section.
TZ-40	7,5	ER3-0000	0	-	B	3	23	cap con. to plate. Best seen = 41.
VT-100	6,3	FR3-0240	33	-	C	3	48	cap con. to plate.
VT-101	12,6	HR4-0365	0	-	C	3	50	cap con. to plate.
VT-103	6,3	HY2-6031	11	-	B	3	19	Triode Section.
VT-103	6,3	HY0-5036	0	14	A	2	20	Diode #1.
VT-103	6,3	HY0-4036	0	14	A	2	20	Diode #2.
VT-104	12,6	HY2-6031	11	-	B	3	19	Triode Section.
VT-104	12,6	HY0-5036	0	14	A	2	20	Diode #1.
VT-104	12,6	HY0-4036	0	14	A	2	20	Diode #2.
VT-105	6,3	HY4-5062	0	-	B	3	25	Triode #1.
VT-105	6,3	HY3-2065	0	-	B	3	25	Triode #2.
VT-107	6,3	HS5-3481	21	-	C	3	46	
VT-107A	6,3	HS5-3481	21	-	C	3	46	
VT-107B	6,3	HS5-3481	21	-	C	3	46	
VT-109	6,3	HS5-3068	N>	90	A	4	40	Should strike between settings 43 and 33 of the BIAS dial.
VT-112	6,3	HS4-8653	10	-	D	3	30	
VT-114	5	JS0-6000	0	54	A	7	40	Plate #1.
VT-114	5	JS0-4000	0	47	A	7	40	Plate #2.
VT-115	6,3	HS5-3481	23	-	D	3	40	
VT-115A	6,3	HS5-3481	23	-	D	3	40	
VT-116	6,3	HS4-8653	22	-	B	3	40	
VT-116A	6,3	HS4-8653	22	-	B	3	40	
VT-116B	6,3	HS4-8653	22	-	B	3	40	
VT-117	6,3	HS4-8653	22	-	B	3	48	
VT-117A	6,3	HS4-8653	22	-	B	3	48	
VT-118	6,3	HS4-5613	0	-	C	3	44	Plate #1. Use adapter E105.
VT-118	6,3	HS4-8613	0	-	C	3	44	Plate #2. Use adapter E105.
VT-119	2,5	ER0-0000	0	78	A	4	40	cap con. to plate.
VT-120	6,3	GR8-0374	30	-	B	3	18	cap con. to plate.
VT-121	6,3	GR4-3070	22	-	B	3	48	
VT-124	1.5	HS5-3400	43	-	B	3	20	
VT-125	1.5	HS5-3400	37	-	B	3	19	
VT-126	6,3	HS0-5081	0	40	A	7	40	Plate #1.
VT-126	6,3	HS0-3081	0	40	A	7	40	Plate #2.
VT-126A	6,3	HS0-5081	0	40	A	7	40	Plate #1.
VT-126A	6,3	HS0-3081	0	40	A	7	40	Plate #2.
VT-126B	6,3	HS0-5081	0	40	A	7	40	Plate #1.
VT-126B	6,3	HS0-3081	0	40	A	7	40	Plate #2.
VT-131	12,6	HS4-8653	22	-	B	3	48	
VT-132	12,6	HS5-3486	11	-	B	3	25	Hexode Section. Cap con. to grid #3 hexode..
VT-132	12,6	HS5-6483	0	-	C	3	30	Triode Section.
VT-133	12,6	HY2-6031	18	-	B	3	48	Triode Section.
VT-133	12,6	HY0-5036	0	14	A	2	20	Diode #1.
VT-133	12,6	HY0-4036	0	14	A	2	20	Diode #2.
VT-134	12,6	HS5-3481	12	-	C	3	38	
VT-135	12,6	HS5-3081	23	-	B	3	50	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
VT-135A	12,6	HS5-3081	23	-	B	3	50	
VT-136	12,6	HR4-0360	33	-	C	3	40	cap con. to plate.
VT-137	12,6	HS5-3080	52	-	B	3	53	
VT-138	12,6	HS5-4080	0	100	A	3	-	Eye Open.
VT-138	12,6	HS5-4380	0	100	A	3	-	Eye Closed.
VT-139	-	HP0-5020	0	40	A	4	40	
VT-145	5	ER0-3000	0	47	A	7	40	Plate #1.
VT-145	5	ER0-2000	0	42	A	7	40	Plate #2.
VT-146	1,5	HS0-3400	11	-	B	3	19	Cap con. to grid.
VT-147	1,5	HS5-4630	85	-	B	3	9	Cap con. to grid number 4.
VT-148	1,5	HS5-3460	50	-	B	3	23	Pentode Section.
VT-148	1,5	HS5-6430	11	-	B	3	14	Triode Section. Cap con. to grid.
VT-148	1,5	HS5-8430	0	0	A	2	24	Diode Section.
VT-149	2,5	HS0-3400	12	-	B	3	19	Pentode Section. Cap con. to grid #1. Short on 3. Do not tap on tube while testing!
VT-149	2,5	HS5-6400	12	-	B	3	13	Triode Section. Short on 3. Do not tap on tube while testing!
VT-149	2,5	HS0-8400	0	0	A	2	40	Diode Section. Short on 3. Do not tap on tube while testing!
VT-150	6,3	HS8-3465	-	-	-	-	-	Short Test Only!
VT-150	6,3	HS5-4068	0	-	C	3	50	
VT-150A	6,3	HS8-3465	-	-	-	-	-	Short Test Only!
VT-150A	6,3	HS5-4068	0	-	C	3	50	
VT-151	6,3	HS5-4683	41	-	B	3	29	Cap con. to grid #4.
VT-151B	6,3	HS5-4683	41	-	B	3	29	Cap con. to grid #4.
VT-152	6,3	HS5-3480	34	-	B	3	40	
VT152A	6,3	HS5-3480	34	-	B	3	40	
VT-153	12,6	HS0-3681	24	-	B	3	29	Pentode Section. Cap con. to grid #1.
VT-153	12,6	HS0-5083	0	0	A	2	40	Diode #1.
VT-153	12,6	HS0-4083	0	0	A	2	40	Diode #2.
VT-154	10	FR3-0240	0	-	C	3	38	cap con. to plate.
VT-161	12,6	HS8-3465	-	-	-	-	-	Short Test Only!
VT-161	12,6	HS5-4068	0	-	C	3	50	
VT-162	12,6	HS4-8653	22	-	B	3	40	
VT-163	6,3	HS5-6080	17	-	B	3	25	Triode #1.
VT-163	6,3	HS0-3040	17	-	B	3	25	Triode #2. Cap con. to grid.
VT-164	2,5	HS5-3408	12	-	C	3	43	
VT-165	2,5	FR3-0200	17	-	C	3	50	cap con. to plate.
VT-167	6,3	HS5-3486	11	-	B	3	25	Hexode Section. Cap con. to grid.
VT-167	6,3	HS5-6483	0	-	C	3	30	Triode Section.
VT-167A	6,3	HS5-3486	11	-	B	3	25	Hexode Section. Cap con. to grid.
VT-167A	6,3	HS5-6483	0	-	C	3	30	Triode Section.
VT-168	6,3	HS5-3480	33	-	D	3	30	
VT-169	12,6	HS0-3681	24	-	B	3	29	Pentode Section. Cap con. to grid #1.
VT-169	12,6	HS0-5083	0	0	A	2	40	Diode #1.
VT-169	12,6	HS0-4083	0	0	A	2	40	Diode #2.
VT-170	2.0	HS0-3400	18	-	B	#	16	Cap con. to grid.
VT-171	1,5	BX4-3062	68	-	B	3	13	Do not tap on tube while testing!
VT-172	1,5	BX6-5400	13	-	B	#	13	Pentode Section. Do not tap on tube while testing!
VT-172	1,5	BX0-3400	0	0	A	2	34	Diode Section. Do not tap on tube while testing!
VT-173	1,5	BX6-2300	0	-	B	#	19	
VT-174	2,5	HR3-2400	28	-	B	#	38	Do not tap on tube while testing!
VT-175	6,3	HS5-3480	0	-	B	3	56	
VT-176	6,3	HS4-8653	0	-	C	3	44	
VT-177	1,5	JR6-2000	16	-	B	3	7	Triode Section. Do not tap on tube while testing!
VT-177	1,5	JR6-4000	0	0	A	2	40	Diode Section. Do not tap on tube while testing!
VT-178	1,5	JR6-2534	-	-	-	-	-	Short Test Only! Do not tap on tube while testing!
VT-178	1,5	JR4-3526	30	-	B	#	14	Do not tap on tube while testing!
VT-179	1,5	JR6-2340	11	-	B	3	19	Do not tap on tube while testing!
VT-180	2,5	JR6-2300	30	-	B	3	48	
VT-181	6,3	JR0-6070	0	12	A	7	40	Plate #1.
VT-181	6,3	JR0-3070	0	12	A	7	40	Plate #2.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
VT-182	2,5	JR6-7000	12	-	B	3	38	Triode #1. Do not tap on tube while testing!
VT-182	2,5	JR3-2000	25	-	B	3	38	Triode #2. Do not tap on tube while testing!
VT-183	1,5	JR0-4070	0	27	A	2	40	Diode.
VT-184	-	HP0-5020	0	65	A	4	40	
VT-185	2,5	JR6-2300	37	-	B	3	52	Do not tap on tube while testing!
VT-188	6,3	JR3-2070	12	-	B	3	55	Triode Section.
VT-188	6,3	JR0-6072	0	14	A	2	40	Diode #1.
VT-188	6,3	JR0-5072	0	14	A	2	40	Diode #2.
VT-189	7,5	JR5-6073	0	-	B	3	33	Triode #1.
VT-189	6,3	JR4-3026	0	-	B	3	33	Triode #2.
VT-190	6,3	JR6-2374	10	-	D	3	19	
VT-192	6,3	JR6-2070	23	-	B	3	50	
VT-193	6,3	JR6-2374	22	-	B	3	33	
VT-194	6,3	JR6-2574	18	-	B	3	20	Heptode Section.
VT-194	6,3	JR4-3576	18	-	B	3	25	Triode Section.
VT-195	6,3	GY0-3050	0	89	A	4	40	Plate #1.
VT-195	6,3	GY0-5030	0	89	A	4	40	Plate #2.
VT-196	6,3	HS0-5080	0	40	A	7	40	Plate #1.
VT-196	6,3	HS0-3080	0	40	A	7	40	Plate #2.
VT-197A	5	JS0-6000	0	0	A	7	40	Plate #1.
VT-197A	5	JS0-4000	0	0	A	7	40	Plate #2.
VT-198A	6,3	HS5-3480	23	-	B	3	53	
VT-199	6,3	HS4-8653	19	-	B	3	46	
VT-200	-	HP0-5020	0	60	A	4	40	
VT-201	25	HS5-3481	10	-	D	#	45	
VT-201C	25	HS5-3481	10	-	D	#	45	
VT-202	6,3	ET6-1070	22	-	B	3	48	
VT-203	6,3	ET1-5620	17	-	B	3	38	
VT-204	6,3	ER0-0000	0	-	B	3	25	Top cap con. to plate. Side Cap con. to grid.
VT-205	6,3	HY2-6031	15	-	B	3	48	Triode Section
VT-205	6,3	HY0-5036	0	0	A	2	30	Diode #1.
VT-205	6,3	HY0-4036	0	0	A	2	30	Diode #2.
VT-206A	5	JS0-6000	0	60	A	7	40	Plate #1.
VT-206A	5	JS0-4000	0	60	A	7	40	Plate #2.
VT-207	12,6	HY5-6043	20	-	B	3	50	Triode #1.
VT-207	12,6	HY1-3026	20	-	B	3	50	Triode #2.
VT-208	6,3	JR6-2574	-	-	-	-	-	Short Test Only!
VT-208	6,3	JR4-5376	44	-	B	3	29	
VT-209	12,6	HS4-8651	0	-	C	3	42	
VT-210	1,5	BX3-2400	31	-	B	#	38	Do not tap on tube while testing!
VT-211	6,3	HS4-8651	0	-	C	3	42	
VT-212	1,5	GR4-3000	41	-	B	3	30	
VT-213A	6,3	HS5-3080	27	-	B	3	38	
VT-214	12,6	HS0-5081	0	63	A	2	40	Diode #1.
VT-214	12,6	HS0-3041	0	63	A	2	40	Diode #2.
VT-215	6,3	GR5-4030	0	100	A	3	-	Eye Open.
VT-215	6,3	GR5-4230	0	100	A	3	-	Eye Closed.
VT-216	2,5	ER0-0000	0	69	A	7	40	cap con. to plate.
VT-217	6,3	ER3-0000	0	-	B	3	36	cap con. to plate.
VT-221	2,5	HS5-3400	38	-	B	3	45	
VT-222	6,3	HS5-3080	N>	90	A	4	40	Should strike between settings 82 and 72 of the BIAS dial.
VT-223	1.5	HS0-3000	16	-	B	3	7	Triode Section. Cap con. to grid.
VT-223	1.5	HS0-5000	0	0	A	2	40	Diode Section.
VT-224	6,3	HR3-0040	18	-	C	3	33	Triode #1. Right cap con. to plate.
VT-224	6,3	HR5-0040	18	-	C	3	33	Triode #2. Left cap con. to plate.
VT-225	5	FR3-0204	32	-	B	3	64	cap con. to plate.
VT-229	6,3	HY4-5062	0	-	B	3	32	Triode #1.
VT-229	6,3	HY1-2035	0	-	B	3	32	Triode #2.
VT-230	6,3	FR3-0240	21	-	D	3	32	cap con. to plate.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
VT-231	6,3	HY4-5062	23	-	B	3	50	Triode #1.
VT-231	6,3	HY1-2035	23	-	B	3	50	Triode #2.
VT-232	6,3	HS0-0080	14	-	B	3	56	Right cap con. to plate. Left Cap con. to grid.
VT-233	6,3	HY2-6031	18	-	B	3	48	Triode Section.
VT-233	6,3	HY0-5036	0	14	A	2	20	Diode #1.
VT-233	6,3	HY0-4036	0	14	A	2	20	Diode #2.
VT-236	3	ER0-0000	0	56	A	7	40	cap con. to plate.
VT-237	1,5	GR4-3000	28	-	B	3	16	
VT-238	6,3	GR8-0374	30	-	B	3	31	cap con. to plate.
VT-239	1,5	JR6-2050	20	-	B	3	30	
VT-24	1,1	ER3-2000	45	-	B	3	16	
VT-241	6,3	JS1-3040	15	-	C	3	38	
VT-243	6,3	JR0-4070	0	52	A	2	40	Diode
VT-244	5	JS0-6000	0	47	A	7	40	Plate #1.
VT-244	5	JS0-4000	0	42	A	7	40	Plate #2.
VT-245	6,3	HS5-3068	N>	90	A	4	40	Should strike between settings 43 and 33 of the BIAS dial.
VT-247	6,3	HS4-8651	10	-	D	3	30	
VT-25	7,5	ER3-2000	39	-	B	3	32	
VT-259	6,3	HS4-5613	0	-	D	3	20	Plate #1. Use adapter E105.
VT-259	6,3	HS4-8613	0	-	D	3	20	Plate #2. Use adapter E105.
VT-25A	7,5	ER3-2000	30	-	B	3	50	
VT-26	3	ER0-2300	20	-	B	#	13	Cap con. to grid.
VT-260	-	HP0-5020	0	60	A	4	40	
VT-264	3	HR3-2400	24	-	B	3	54	
VT-266	3	ER0-0000	0	46	A	6	40	cap con. to plate.
VT-268	12,6	HY4-5062	0	-	B	3	25	Triode #1.
VT-268	12,6	HY3-2065	0	-	B	3	25	Triode #2.
VT-269	6,3	HS4-8630	16	-	D	3	18	
VT-27	2	ER3-2000	40	-	B	3	23	
VT-28	2,5	FR0-2340	12	-	B	3	25	Cap con. to grid.
VT-286	6,3	HS4-5613	0	-	C	3	44	Plate #1. Use adapter E105.
VT-286	6,3	HS4-8613	0	-	C	3	44	Plate #2. Use adapter E105.
VT-287	6,3	BV2-0437	31	-	C	3	50	Pentode #1. Right cap con. to plate.
VT-287	6,3	JV7-0432	31	-	C	3	50	Pentode #2. Left cap con. to plate. Short on 3.
VT-288	12,6	HS4-8651	0	-	C	3	43	
VT-289	12,6	HY4-5062	0	-	B	3	32	Triode #1.
VT-289	12,6	HY1-2035	0	-	B	3	32	Triode #2.
VT-29	2,5	FR3-2040	41	-	B	3	25	
VT-30	5.0	ER3-2000	48	-	B	3	18	
VT-31	2	ER3-2000	65	-	B	3	23	
VT-33	2	FR3-2400	35	-	B	3	36	
VT-35	2,5	FR0-2340	24	-	B	3	26	Cap con. to grid.
VT-36	6,3	FR0-2340	24	-	B	3	26	Cap con. to grid.
VT-37	6,3	FR3-2040	41	-	B	3	23	
VT-38	6,3	FR0-2340	39	-	B	3	26	Cap con. to grid.
VT-40	5	ER3-2000	32	-	B	3	55	
VT-44	2	ER0-2300	19	-	B	#	16	Cap con. to grid.
VT-45	2,5	ER3-2000	61	-	B	3	47	
VT-46	3	ER0-0000	0	67	A	7	40	cap con. to plate.
VT-46A	3	ER0-0000	0	67	A	7	40	cap con. to plate.
VT-47	2,5	FR3-2400	22	-	B	3	50	
VT-48	6,3	GR4-2350	34	-	B	3	40	
VT-49	6,3	FR0-2340	28	-	B	3	25	Cap con. to grid.
VT-50	7,5	ER3-2000	61	-	B	3	38	
VT-51	7,5	ER3-2000	0	-	B	3	25	
VT-54	2	ER0-2300	17	-	B	#	15	Cap con. to grid.
VT-55	7,5	ER3-0200	34	-	B	3	16	cap con. to plate.
VT-56	2,5	FR3-2040	29	-	B	3	37	
VT-57	2,5	GR0-2354	21	-	B	3	31	Cap con. to grid #1.
VT-58	2,5	GR0-2354	24	-	B	3	36	Cap con. to grid #1.
VT-62	7,5	ER3-2000	0	-	B	3	38	
VT-63	2,5	FR3-2400	30	-	B	3	50	
VT-65	6,3	HS5-3080	21	-	B	3	50	
VT-65A	6,3	HS5-3080	21	-	B	3	50	
VT-66	6,3	HS5-3481	29	-	B	3	50	
VT-66A	6,3	HS5-3481	29	-	B	3	50	

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
VT-67	2	ER3-2000	40	-	B	3	23	
VT-68	6,3	HR0-2360	30	-	B	3	25	Pentode Section. Cap con. to grid.
VT-68	6,3	HR0-5360	0	14	A	2	40	Diode #1.
VT-68	6,3	HR0-4360	0	14	A	2	40	Diode #2.
VT-69	6,3	GR0-2354	21	-	B	3	40	Cap con. to grid.
VT-7	1,1	ER3-2000	45	-	B	3	38	
VT-70	6,3	HR0-2365	28	-	B	3	28	Pentode Section. Cap con. to grid.
VT-70	6,3	HR5-4362	28	-	B	3	13	Triode Section.
VT-72	7,5	ER3-2000	61	-	B	3	30	
VT-73	2,5	FR3-2040	12	-	B	3	42	
VT-74	5	JS0-6000	0	64	A	7	40	Plate #1.
VT-74	5	JS0-4000	0	64	A	7	40	Plate #2.
VT-75	6,3	GR0-2050	11	-	B	3	19	Triode Section. Cap con. to grid.
VT-75	6,3	GR0-4052	0	14	A	2	40	Diode #1.
VT-75	6,3	GR0-3052	0	14	A	2	40	Diode #2.
VT-76	6,3	FR3-2040	29	-	B	3	36	
VT-77	6,3	GR0-2354	21	-	B	3	31	Cap con. to grid.
VT-78	6,3	GR0-2354	24	-	B	3	36	Cap con. to grid #1.
VT-80	5	ER0-3000	0	0	A	7	40	Plate #1.
VT-80	5	ER0-2000	0	0	A	7	40	Plate #2.
VT-83	5	ER0-3000	0	66	A	7	40	Plate #1.
VT-83	5	ER0-2000	0	63	A	7	40	Plate #2.
VT-84	6,3	FR0-3040	0	46	A	7	40	Plate #1.
VT-84	6,3	FR0-2040	0	46	A	7	40	Plate #2.
VT-86	6,3	HS0-3485	19	-	B	3	36	Cap con. to grid.
VT-86A	6,3	HS0-3485	19	-	B	3	36	Cap con. to grid.
VT-86B	6,3	HS0-3485	19	-	B	3	36	Cap con. to grid.
VT-87	6,3	HS0-3485	23	-	B	3	16	Cap grid. Cap con. to grid.
VT-87	6,3	HS5-3481	27	-	B	3	16	Pin grid.
VT-87A	6,3	HS0-3485	23	-	B	3	16	Cap grid. Cap con. to grid.
VT-87A	6,3	HS5-3481	27	-	B	3	16	Pin grid.
VT-88	6,3	HS0-3081	18	-	B	3	48	Triode Section. Cap con. to grid.
VT-88	6,3	HS0-5083	0	14	A	2	40	Diode #1.
VT-88	6,3	HS0-4083	0	14	A	2	40	Diode #2.
VT-88A	6,3	HS0-3081	18	-	B	3	48	Triode Section. Cap con. to grid.
VT-88A	6,3	HS0-5083	0	14	A	2	40	Diode #1.
VT-88A	6,3	HS0-4083	0	14	A	2	40	Diode #2.
VT-88B	6,3	HS0-3081	18	-	B	3	48	Triode Section. Cap con. to grid.
VT-88B	6,3	HS0-5083	0	14	A	2	40	Diode #1.
VT-88B	6,3	HS0-4083	0	14	A	2	40	Diode #2.
VT-89	6,3	GR0-2354	37	-	B	3	39	Cap con. to grid.
VT-90	6,3	HS0-5080	0	63	A	2	40	Diode #1.
VT-90	6,3	HS0-3040	0	63	A	2	40	Diode #2.
VT-90A	6,3	HS0-5080	0	63	A	2	40	Diode #1.
VT-90A	6,3	HS0-3040	0	63	A	2	40	Diode #2.
VT-91	6,3	HS0-3485	22	-	B	3	31	Cap con. to grid #1.
VT-91A	6,3	HS0-3485	22	-	B	3	31	Cap con. to grid #1.
VT-92	6,3	HS0-3081	17	-	B	3	20	Triode Section. Cap con. to grid.
VT-92	6,3	HS0-5083	0	14	A	2	40	Diode #1.
VT-92	6,3	HS0-4083	0	14	A	2	40	Diode #2.
VT-92A	6,3	HS0-3081	17	-	B	3	20	Triode Section. Cap con. to grid.
VT-92A	6,3	HS0-5083	0	14	A	2	40	Diode #1.
VT-92A	6,3	HS0-4083	0	14	A	2	40	Diode #2.
VT-93	6,3	HS0-3681	24	-	B	3	29	Pentode Section. Cap con. to grid.
VT-93	6,3	HS0-5681	0	14	A	2	40	Diode #1.
VT-93	6,3	HS0-4681	0	14	A	2	40	Diode #2.
VT-93A	6,3	HS0-3681	24	-	B	3	29	Pentode Section. Cap con. to grid.
VT-93A	6,3	HS0-5681	0	14	A	2	40	Diode #1.
VT-93A	6,3	HS0-4681	0	14	A	2	40	Diode #2.
VT-94	6,3	HS5-3080	23	-	B	3	50	
VT-94A	6,3	HS5-3080	23	-	B	3	50	
VT-94B	6,3	HS5-3080	23	-	B	3	50	
VT-94C	6,3	HS5-3080	23	-	B	3	50	
VT-94D	6,3	HS5-3080	23	-	B	3	50	
VT-95	2,5	ER3-2000	67	-	C	3	38	
VT-96	6,3	HS5-6083	12	-	B	3	38	Triode #1.

TUBE	FIL	SELECT	BIAS	SHT	RGE	TEST	VAL	NOTES
VT-96	6,3	HS4-3086	12	-	B	3	38	Triode #2.
VT-97	5	JS0-6000	0	16	A	7	40	Plate #1.
VT-97	5	JS0-4000	0	0	A	7	40	Plate #2.
VT-98	6,3	GR5-4030	0	100	A	3	-	Eye Open.
VT-98	6,3	GR5-4230	0	100	A	3	-	Eye Closed.
VT-99	6,3	HS5-6080	23	-	B	3	50	Triode #1.
VT-99	6,3	HS0-3040	23	-	B	3	50	Triode #2. Cap con. to grid.
VX21	1,1	CX0-4000	0	0	A	2	10	Pins: F- =2 , F+ =7 , P =4 .
WD-12	1,1	ER3-2000	45	-	B	3	16	
WX-12	1,1	ER3-2000	45	-	B	3	38	
X-155	6,3	EV7-6089	16	-	D	3	30	Triode #1.
X-155	6,3	EV2-1039	16	-	D	3	30	Triode #2.
XXB	2,5	BY5-6000	10	-	B	3	28	Triode #1.
XXB	2,5	JR4-3000	10	-	B	3	28	Triode #2.
XXD	12,6	JR4-6070	21	-	C	3	33	Triode #1.
XXD	12,6	JR4-3020	21	-	C	3	33	Triode #2.
XXFM	6,3	JR3-2040	0	-	B	3	23	Triode Section.
XXFM	6,3	JR0-5040	0	67	A	2	40	Diode #1.
XXFM	6,3	JR0-6070	0	67	A	2	40	Diode #2.
XXL	6,3	JR6-2070	23	-	B	3	50	
ZA2	6,3	GR8-0374	30	-	B	3	18	cap con. to plate.