

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
Information from DRC (G2B); DRC (DA); Coletronic 1175; 3-1-76; 8-1-76; 11-15-76; 2-15-77; DRC Addendum											
KEY AT column refers to positioning of compactrons on G-140, A-15, and B-16 adapters.											
FIL CONT column indicates button(s) to be depressed to check filament continuity.											
0A4			7	1	0	7	12	1	D	---	
0Y4			2	1	0	4	1	8	D	---	Shall show short on A-F. May show short on B.
0Z3		Plate-1	7	1	0	4	12	1	B	---	
0Z3		Plate-2	7	1	0	4	12	1	C	---	
0Z4		Plate-1	7	1	0	4	12	1	B	---	
0Z4		Plate-2	7	1	0	4	12	1	D	---	
01-A			3	5	19	20	1	1	B	---	
1A3		Diode	7	1	0	30	10	1	B-F	---	Shall show short on B-E-F. Plate short test - Depress B-F together.
1A4			7	2	18	45	3	1	B-C	---	
1A5			4	1	19	29	3	1	B-C	---	
1A6		Amp	7	2	46	46	5	1	B-E	---	
1A6		Osc	4	2	43	42	1	1	C	---	
1A7		Amp	7	1	20	44	3	1	B-C	---	
1A7		Osc	4	1	32	47	1	1	E	---	
1AB5			5	1	29	22	3	1	B-C	*	* Fil Cont - Depress A then F; then A-F together. Shall show short on F.
1AB6		Amp	3	1	45	49	6	1	B-E-F	---	OK above 1/3 scale.
1AB6		Osc	4	1	0	23	5	1	C	---	---
1AC5			9	1	22	26	6	6	A-F	C	
1AC6		Amp	3	1	0	37	11	1	B-F	---	OK above 1/3 scale.
1AC6		Osc	4	1	33	50	3	1	C-E	---	OK above 1/3 scale.
1AD4			3	1	15	47	10	6	H-J	B	
1AD5			9	1	15	47	6	6	A-F	C	
1AE4			6	1	12	38	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
1AF4			4	1	15	43	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
1AF5		Total	6	1	18	47	10	1	D-E	---	OK above 1/3 scale.
1AG4			3	1	20	48	10	6	H-J	B	
1AG5		Pentode	7	1	0	41	1	5	H-J	C	
1AG5		Diode	7	1	0	30	10	5	B	C	
1AH4			3	1	13	45	11	6	H-J	B	
1AH5		Pentode	6	1	19	42	11	1	D-E	---	OK above 1/3 scale.
1AH5		Diode	2	1	0	37	10	1	C	---	---

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
1AJ4			6	1	25	34	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
1AJ5		Pentode	7	1	0	42	1	5	H-J	C	
1AJ5		Diode	7	1	0	30	10	5	B	C	
1AK4			3	1	23	48	10	6	H-J	B	
1AK5		Pentode	4	1	15	47	10	5	H-J	C	OK above 1/3 scale.
1AK5		Diode	7	1	0	31	10	5	B	C	---
1AN5			6	1	22	41	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
1AU2			7	1	0	38	1	6	G-H	C	Shall show short on G-H.
1AX2	*		1	1	0	45	12	2	G	D	* CAUTION - Pins 2-4-6-8-9 shall be open circuited before inserting tube.
1AY2			2	1	0	16	12	1	G	---	Insert leads into pins 2 and 7 of 9-pin socket.
											May show short on B-D-F-H. This tube is being tested at a relatively low potential. This test is therefore not indicative of operation at rated high-voltage.
1B3			2	1	0	19	12	1	G	---	
1B4			7	2	19	43	3	1	B-C	---	
1B5		Triode	5	2	11	42	1	1	B	---	
1B5		Diode-1	7	2	0	50	10	1	C	---	
1B5		Diode-2	7	2	0	50	10	1	D	---	
1B7		Amp	7	1	10	48	3	1	B-C	---	
1B7		Osc	4	1	26	47	1	1	E	---	
1B8		Diode	7	1	0	35	10	1	F	---	
1B8		Triode	7	1	25	46	11	1	E	---	
1B8		Pentode	4	1	15	23	3	1	B-C	---	
1BG2			1	2	0	13	12	1	G	H	Insert bottom leads into pins 1 and 2 of 9-pin socket. Cap goes to top lead.
1BY2	2		9	1	0	25	12	2	G	*	* Fil Cont - Depress A-B-C together. No short test. OK above 1/4 scale.
1C2		Amp	3	1	0	37	11	1	B-F	---	OK above 1/3 scale.
1C2		Osc	4	1	33	50	3	1	C-E	---	
1C3			4	1	21	35	11	1	B-F	---	Shall show short on B-F. Plate short test - Depress B-F together.
1C5			4	1	19	23	3	1	B-C	---	
1C6		Amp	7	2	46	46	5	1	B-E	---	
1C6		Osc	4	2	30	45	1	1	C	---	
1C7		Amp	7	2	46	46	3	1	B-C	---	
1C7		Osc	4	2	30	45	1	1	E	---	
1C8		Amp	1	1	47	47	11	6	E-F	C	

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1C8		Osc	9	1	14	37	11	6	A	C	
1C21			1	18	0	12	1	2	D	---	May show short on A-J.
1D3			8	1	20	15	11	6	F	C	
1D5			7	2	18	45	3	1	B-C	---	
1D7		Amp	7	2	46	45	3	1	B-C	---	
1D7		Osc	4	2	37	45	1	1	E	---	
1D8		Diode	7	1	0	26	10	1	F	---	
1D8		Triode	7	1	15	40	1	1	E	---	
1D8		Pentode	4	1	20	25	3	1	B-C	---	
1D13		Diode	7	1	0	30	10	1	B-F	---	Shall show short on B-E-F.
1DK1			1	2	0	16	12	1	G	H	Insert bottom leads into pins 1 and 2 of 9-pin socket. Cap goes to top lead.
1DK29			1	2	0	13	12	1	G	H	Insert bottom leads into pins 1 and 2 of 9-pin socket. Cap goes to top lead.
1E4			4	1	13	24	1	1	B	---	
1E5			7	2	19	43	3	1	B-C	---	
1E7		Pent-1	3	2	24	27	6	1	B-F	---	
1E7		Pent-2	4	2	24	27	6	1	E-F	---	
1E8		Amp	6	1	13	41	1	6	A-E	C	OK above 1/3 scale.
1E8		Osc	9	1	29	47	10	6	A	C	---
1F1			4	1	15	43	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
1F2			6	1	17	37	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together. Shall show short on E.
1F3			6	1	22	37	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
1F4			3	2	24	26	4	1	B-D	---	
1F5			4	2	24	24	3	1	B-C	---	
1F6		Pentode	7	2	27	44	3	1	B-C	---	
1F6		Diode-1	7	2	0	50	10	1	D	---	
1F6		Diode-2	7	2	0	50	10	1	E	---	
1F7		Pentode	7	2	21	50	5	1	B-E	---	
1F7		Diode-1	7	2	0	50	10	1	C	---	
1F7		Diode-2	7	2	0	50	10	1	D	---	
1FD1		Pentode	6	1	19	42	11	1	D-E	---	OK above 1/3 scale.
1FD1		Diode	2	1	0	37	10	1	C	---	---
1FD9		Diode	7	1	0	35	10	9	C	J	
1FD9		Pentode	6	1	25	35	4	9	D-E	J	
1G3			2	1	0	19	12	1	G	---	May show short on B-D-F-H.
1G4			4	1	11	42	11	1	B	---	
1G5			4	2	24	23	3	1	B-C	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
1G6		Triode-1	4	1	31	16	1	1	E	---	
1G6		Triode-2	3	1	31	16	1	1	B	---	
1H4			4	2	17	23	1	1	B	---	
1H5		Triode	7	1	25	46	11	1	B	---	
1H5		Diode	7	1	0	35	10	1	D	---	
1H6		Triode	5	2	11	42	1	1	B	---	
1H6		Diode-1	7	2	0	50	10	1	C	---	
1H6		Diode-2	7	2	0	50	10	1	D	---	
1H35		Amp	3	1	45	49	6	1	B-E-F	---	Amp OK above 1/3 scale.
1H35		Osc	4	1	0	23	5	1	C	---	
1J3			3	1	0	38	12	1	G	---	May show short on B-D-F-H.
1J5			4	2	29	20	3	1	B-C	---	
1J6		Triode-1	3	2	20	23	1	1	B	---	
1J6		Triode-2	4	2	20	23	1	1	E	---	
1K3			3	1	0	38	12	1	G	---	May show short on B-D-F-H.
1L6		Amp	6	1	11	45	5	1	B-E	---	
1L6		Osc	4	1	31	45	1	1	C	---	
1LA4			5	1	19	29	3	1	B-C	---	
1LA6		Amp	5	1	20	44	7	1	B-G	---	
1LA6		Osc	4	1	31	45	1	1	C	---	
1LB4			5	1	26	23	3	1	B-C	---	
1LC5			5	1	14	40	3	1	B-C	*	* Fil Cont - Depress A then G; then A-G together.
1LC6		Amp	5	1	15	50	7	1	B-G	---	
1LC6		Osc	4	1	28	40	1	1	C	---	
1LD5		Pentode	5	1	25	28	3	1	B-C	---	
1LD5		Diode	7	1	0	30	10	1	D	---	
1LE3			5	1	13	24	1	1	B	---	
1LF3			5	1	13	24	1	1	B	---	
1LG5			5	1	13	44	3	1	B-C	---	Shall show short on G.
1LH4		Diode	7	1	0	35	10	1	D	---	
1LH4		Triode	5	1	25	46	11	1	B	---	
1LN5			5	1	18	41	3	1	B-C	*	* Fil Cont - Depress A then G; then A-G together.
1N2		Diode	2	1	0	45	10	1	G	---	May show short on B-D-F-H.
1N5			7	1	20	41	3	1	B-C	---	
1N6		Diode	7	1	0	35	10	1	E	---	
1N6		Pentode	4	1	19	30	3	1	B-C	---	
1P1			6	1	22	22	3	5	B-C	*	* Depress A then J; then A-J together.
1P5			7	1	21	42	3	1	B-C	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
1P10			3	1	20	25	4	5	B-D-F	*	* Depress A then J; then A-J together. Shall show short on B-F.
1P11			6	1	22	22	3	5	B-C	*	* Depress A then J; then A-J together.
1Q5			4	1	15	19	3	1	B-C	---	
1Q6		Pentode	9	1	25	45	11	6	A-F	C	
1Q6		Diode	9	1	0	50	10	6	E	C	
1R4		Diode	7	1	0	25	10	1	D	---	OK past Diode arrow.
1R5		Osc	4	1	10	39	11	1	C	*	Fil Cont - Depress A, E, then both A-E.
1R5		Amp	3	1	50	46	6	1	B-F		Amp OK above 1/4 scale.
											* Depress A then E; then A-E together. Shall show short on B-E-F. Plate short test - Depress B-F together.
1S4			3	1	15	25	4	1	B-D-F	*	
1S5		Diode	7	1	0	35	10	1	C	---	
1S5		Pentode	6	1	20	35	4	1	D-E	---	
1SA6			3	1	20	35	5	1	E-F	---	
1SB6		Pentode	6	1	24	41	3	1	B-C	---	
1SB6		Diode	7	1	0	45	10	1	D	---	
1T4			6	1	22	37	3	1	B-C	*	Fil Cont - Depress A, E, then both A-E.
1T5			4	1	15	23	3	1	B-C	---	
1T6		Diode	7	1	0	33	10	6	E	C	
1T6		Pentode	2	1	17	40	6	6	F-H	C	
1U4			6	1	19	40	3	1	B-C	*	Fil Cont - Depress A, E, then both A-E.
1U5		Pentode	6	1	20	35	3	1	B-C	---	
1U5		Diode	6	1	0	35	10	1	D	---	
1U6		Amp	6	1	10	47	5	1	B-E	---	
1U6		Osc	4	1	35	47	1	1	C	---	
1,1V			7	6	0	3	11	1	B	---	
											* Insert 2.58-ohm 1/2-watt resistor in series with Pin-4 to drop filament voltage to 0.625-volt.
1V2			7	*1	0	44	1	6	G	C	
1V5			9	1	17	35	11	6	A-F	C	
1V6		Triode	4	1	17	45	11	7	E	---	
1V6		Pentode	2	1	15	45	11	7	H-J	---	
1W4			6	1	28	25	3	1	B-C	---	
1W5			9	1	16	40	11	6	A-F	C	
											* CAUTION - Pins 2-3-4-6-7-8-9 shall be open-circuited before inserting tube in socket.
1X2		*	1	1	0	18	12	2	G	---	
2A3			3	3	40	4	1	1	B	---	
2A4			4	3	0	2	11	1	B	---	DO NOT short check A or D.
2A5			4	3	25	19	3	1	B-C	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
2A6		Triode	7	3	12	40	1	1	B	---	
2A6		Diode-1	7	3	0	35	10	1	C	---	
2A6		Diode-2	7	3	0	35	10	1	D	---	
2A7		Amp	7	3	15	50	3	1	B-C	---	
2A7		Osc	5	3	31	31	1	1	D	---	
2A7S		Amp	7	3	26	50	3	1	B-C	---	
2A7S		Osc	5	3	31	31	1	1	D	---	
2AF4			7	3	0	11	1	6	A-J	C	Shall show short on A-B-F-J. Grid short test - Depress B-F together. Plate short test - Depress A-J together.
2AS2	*										* Cannot test.
2AV2			7	2	0	28	1	6	G-H	*	* Fil Cont - Depress C. May show short on A- B-E-F-G-H-J.
2AZ2	*		3	2	0	16	12	2	G	**	* CAUTION - Pins 4 and 6 shall be open circuited before inserting tube. Grid cap goes to top of tube only. ** Fil Cont - Depress D-F-J.
2B4			7	3	0	2	11	1	B-C	---	
2B5	*	Triode-1	5	1	11	29	1	1	F	**	* CAUTION - Pin-7 of tube to be opencircuited. DO NOT insert this lead in socket. ** Fil Cont - Depress C then D; then C-D together.
2B5	*	Triode-2	2	1	11	29	1	1	H	**	
2B6		Input	4	3	25	19	1	1	C	---	Shall show short on E.
2B6		Output	5	3	34	8	1	1	B	---	
2B7-S		Pentode	7	3	26	32	3	1	B-C	---	
2B7-S		Diode-1	7	3	0	35	10	1	D	---	
2B7-S		Diode-2	7	3	0	35	10	1	E	---	
2BA2			9	2	0	11	12	6	G-H	C	Shall show short on G-H. Shall show short on A-B-F-J. Grid short test - Depress B-J together. Cathode short test - Depress A-F together.
2BN4			2	2	0	20	1	6	E	C	
2BU2	*										* Cannot test.
2C50		Triode-1	8	8	26	8	1	4	J	H	
2C50		Triode-2	3	8	26	8	1	4	D	H	
2C51		Triode-1	2	6	26	8	1	3	C	H	
2C51		Triode-2	1	6	26	8	1	3	E	H	
2C52		Triode-1	8	8	31	13	1	4	J	---	
2C52		Triode-2	3	8	31	13	1	4	D	---	
2CN3			2	2	0	14	12	1	G	---	May show short on A-B-D.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
2CW4			9	6	7	47	10	7	H	D	If panel has 9-pin socket, do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
2CY5			1	3	20	21	6	6	E-F	C	Shall show short on B-J.
2D21			1	6	0	4	1	6	F	C	Shall show short on E-J. Screen short test - Depress E-J together.
2DS4			9	2	9	45	10	7	H	D	If panel has 9-pin socket, do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
2DV4			5	2	0	30	10	6	H-J	B	Read on Diode Scale. Shall show short on C-E-H-J.
2DZ4			2	3	2	11	9	7	A-J	C	Shall show short on A-B-F-J.
2E5		Triode	3	3	20	31	1	1	B	---	
2E5		Eye	7	3	0	0	2	1	D-B	---	See instructions for eye test.
2E25			4	6	9	21	3	1	C-G	---	
2E26			4	6	7	12	2	1	B-G	---	Shall show short on C-E-H. Cathode short test - Depress C-E-H together.
2E30			1	4	13	18	6	1	E-F	*	* Fil Cont - Depress C then D; then C-D together.
2E31			3	1	25	47	10	8	H-J	D	
2E32			3	1	25	47	10	8	H-J	D	
2E35			3	1	25	48	10	8	H-J	D	
2E36			3	1	25	48	10	8	H-J	D	
2E41		Pentode	4	1	25	48	10	7	H-J	E	
2E41		Diode	4	1	0	48	10	7	B	E	
2E42		Pentode	4	1	25	48	10	7	H-J	E	
2E42		Diode	4	1	0	48	10	7	B	E	
2EG4			9	2	9	47	10	7	H	D	
2F7		Triode	5	3	28	21	1	1	D	---	
2F7		Pentode	7	3	15	34	3	1	B-C	---	
2FQ5			2	3	12	10	1	7	E	D	Shall show short on A-J. Cathode short test - Depress A-J together.
2FS5			1	3	20	47	12	7	E	D	Shall show short on B-J. Cathode short test - Depress B-J together.
2FV6			1	3	9	10	1	7	E-F	D	
2G5		Triode	3	3	19	20	1	1	B	---	
2G5		Eye	7	3	0	0	2	1	D-B	---	See instructions for eye test.
2G21		Triode	2	1	29	48	10	7	H	---	
2G21		Heptode	2	1	27	48	10	7	D-E-J	---	
2G22		Triode	2	1	29	48	10	7	H	---	
2G22		Heptode	2	1	27	48	10	7	D-E-J	---	

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2GK5			2	3	13	10	1	7	E	D	Shall show short on A-J. Cathode short test -
2GU5			1	3	31	9	9	7	E-F	D	Depress A-J together.
2GW5			7	3	0	42	10	6	B-F	C	Shall show short on B-J.
										C	Shall show short on B-F.
2HA5			1	2	14	10	9	7	E	D	Shall show short on B-J. Cathode short test -
										D	Depress B-J together.
2HK5			1	2	27	13	11	7	E	D	Shall show short on B-J. Cathode short test -
2HM5			1	3	13	11	2	7	E	D	Depress B-J together.
2HQ5			1	3	10	11	1	6	E	C	Shall show short on B-J.
2HR8			7	3	5	45	8	6	E-H	C	Shall show short on B-F.
										C	May show short on A-J.
											Shall show short on A-B-F-J. Grid short test -
											Depress B-F together. Plate short test -
2T4			7	3	0	9	1	6	A-J	C	Depress A-J together.
2W3			7	3	0	9	11	1	C	F	
2X2-879			7	3	0	21	1	1	G	---	
2X3			7	3	0	8	11	1	C	F	
2Y3			7	4	0	6	11	1	C	F	
2Z2			7	3	0	11	11	1	B	---	
3A3			---	---	---	---	---	---	---	---	Due to varying arrangements of internal connections, this tube cannot be tested.
3A8		Diode	7	1	0	30	10	2	F	*	* Fil Cont - Depress A then J; then A-J together.
3A8		Triode	4	1	20	50	1	2	E	*	
3A8		Pentode	7	1	25	40	3	2	B-C	*	
											Shall show short on A-B-F-J. Grid short test -
											Depress B-F together. Plate short test -
3AF4			7	4	0	11	1	6	A-J	C	Depress A-J together.
3AJ8		Amp	1	4	11	32	8	6	E-H	C	Amp Section - OK above 1/3 scale.
3AJ8		Osc	9	4	26	10	7	6	H	C	
3AJ8		Triode	7	4	25	13	7	6	F	C	
3AL5		Diode-1	7	4	0	25	10	6	J	C	
3AL5		Diode-2	7	4	0	25	10	6	B	C	
											May show short on A-B-C-F. Grid cap goes to top of tube.
3AT2	2		1	3	0	25	1	2	G	A	
3AU6			1	4	10	38	6	6	E-F	C	
3AV6		Triode	1	4	12	31	1	6	J	C	
3AV6		Diode-1	1	4	0	35	10	6	F	C	
3AV6		Diode-2	1	4	0	35	10	6	E	C	
3AW2	5		2	4	0	13	12	7	G	H	May show short on A-E. Cap goes to top of tube.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
3AW3			1	4	0	28	9	9	G	J	GE and TungSol tubes - use this data. No Short test. Good tube reads past 1/3 scale.
3B5			4	1	14	15	3	4	B-C	*	* Fil Cont - Depress A then J; then A-J together.
3B7		Triode-1	3	1	17	18	1	6	B	*	* Fil Cont - Depress A then J; then A-J together.
3B7		Triode-2	5	1	17	18	1	6	F	---	
3BA6			1	4	9	40	6	6	E-F	C	
3BC5			1	4	4	40	6	6	E-F	C	Shall show short on B-J. Cathode short test - Depress B-J together.
3BL2	5		1	4	0	48	10	7	G	H	Read on Diode Scale.
3BM2	5		1	4	0	48	10	7	G	H	Read on Diode Scale.
3BN2	2		1	3	0	47	1	2	G	A	May show short on A-B-C-F. Cap goes to top of tube.
3BN4			2	3	0	20	1	6	E	C	Shall show short on A-B-F-J. Grid short test - Depress B-J together. Cathode short test - Depress A-F together.
3BN6			8	4	0	22	1	6	E-J	C	
3BS2	5	Diode	2	4	0	11	12	7	G	H	May show short on A-E. Cap goes to top of tube.
3BT2	5		1	4	0	45	11	7	G	A-E-H	Cap goes to top of tube. Read on Diode Scale.
3BU8		Sect-1	1	4	21	12	1	6	F-J	C	
3BU8		Sect-2	1	4	21	12	1	6	B-J	C	
3BW2	5		1	4	0	45	11	7	G	A-E-H	Cap goes to top of tube. Read on Diode Scale.
3BY6		Sect-1	6	4	43	47	9	6	E-J	C	OK above 1/3 scale.
3BY6		Sect-2	1	4	17	9	1	6	F	C	---
3BZ6			1	4	4	43	6	6	E-F	C	
3C4			6	1	22	22	3	5	B-C	*	* Fil Cont - Depress A then J; then A-J together.
3C5			4	1	19	23	3	4	B-C	*	* Fil Cont - Depress A then J; then A-J together.
3CA3			2	4	0	20	12	1	G	A	May show short on B-F.
3CB6			1	4	10	39	6	6	E-F	C	
3CE5			1	4	10	36	6	6	E-F	C	Shall show short on B-J. Cathode short test - Depress B-J together.
3CF6			1	4	5	41	6	6	E-F	C	
3CN3			2	4	0	14	12	1	G	---	May show short on A-B-D.
3CS6		Amp	6	4	39	47	9	6	E-J	C	OK above 1/3 scale.
3CS6		Osc	1	4	26	10	1	6	F	C	---

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
3CU3			2	4	0	12	12	1	G	---	May show short on F.
3CV3A			3	4	0	20	12	1	G	---	May show short on A-B-D-H.
3CY3			2	4	0	15	12	1	G	A-B-D-H	Shall show short on A-B-D-H.
3CY5			1	3	20	21	6	6	E-F	C	Shall show short on B-J. Cathode short test - Depress B-J together.
3CZ3			1	4	0	28	9	1	G	A-B-F	May show short on A-B-D-H. * Fil Cont - Depress A then J; then A-J together.
3D6			5	1	10	24	3	4	B-C	*	
3DB3			2	3	0	23	12	1	G	A-B-D-H	
3DC3			2	4	0	11	12	1	G	A-B-D-H	
3DG4		Plate-1	1	4	0	0	11	2	A	B	
3DG4		Plate-2	1	4	0	0	11	2	D	B	
3DJ3			2	4	0	11	12	1	G	A-B-D-H	
3DK6			1	4	7	38	6	6	E-F	C	
3DR3			2	4	0	26	4	6	G	B-E-F-J	
3DT6			1	4	20	13	1	6	E-F	C	
3DZ4			2	4	2	11	9	7	A-J	C	Shall show short on A-B-F-J.
3DZ11			7	1	9	10	1	5	A-J	---	
3E6			5	1	14	36	3	3	B-C	*	* Fil Cont - Depress A then J; then A-J together.
3EH7			9	4	10	10	11	7	A-F	D	Shall show short on B-H. Cathode short test - Depress B-H together.
3EJ7			9	4	13	10	11	7	A-F	D	Shall show short on B-H. Cathode short test - Depress B-H together.
3FQ5			2	3	12	10	1	7	E	D	Shall show short on A-J. Cathode short test - Depress A-J together.
3FS5			1	3	20	47	12	7	E	D	Shall show short on B-J. Cathode short test - Depress B-J together.
3GK5			2	3	13	10	1	7	E	D	Shall show short on A-J. Cathode short test - Depress A-J together.
3GK6			9	4	22	15	6	7	A-F	D	Shall show short on B-G.
3GS8		Sect-1	1	4	21	12	1	6	F-J	C	
3GS8		Sect-2	1	4	21	12	1	6	B-J	C	
3GU5			1	4	31	9	9	7	E-F	D	Shall show short on B-J.
3GW5			7	4	0	42	10	6	B-F	C	Shall show short on B-F. Shall show short on B-J. Cathode short test - Depress B-J together.
3HA5			1	4	14	10	9	7	E	D	
3HE7	0	Diode	5	4	0	44	10	2	J	G	---
3HE7	0	Pentode	5	4	0	45	12	2	D		OK above 1/3 scale.
3HF5	2		1	4	2	5	1	2	D-F-G	B	Shall show short on D-F. Grid cap goes to top of tube.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
3HK5			1	3	27	13	11	7	E	D	Shall show short on B-J. Cathode short test - Depress B-J together.
3HM5			1	3	13	11	2	7	E	D	Shall show short on B-J. Cathode short test - Depress B-J together.
3HM6			9	4	7	30	6	6	A-F	C	Shall show short on B-H.
3HQ5			1	4	10	11	1	6	E	C	Shall show short on B-J.
3HS8		Pent-1	1	4	38	10	1	7	F-J	C	
3HS8		Pent-2	1	4	38	10	1	7	B-J	C	
3HT6			9	4	7	11	2	6	F-G	C	Shall show short on B-H. Cathode short test - Depress B-H together.
3JC6			9	4	5	30	6	7	A-F	D	Shall show short on B-H. Cathode short test - Depress B-H together.
3JD6			9	4	5	30	6	7	A-F	D	Shall show short on B-H. Cathode short test - Depress B-H together.
3KF8		Pent-1	1	4	10	17	1	6	F-J	C	
3KF8		Pent-2	1	4	10	17	1	6	B-J	C	
3KT6			9	4	5	32	6	6	A-F	C	Shall show short on B-H.
3LF4			5	1	15	19	3	4	B-C	*	* Fil Cont - Depress A then J; then A-J together.
3MP26			1	4	0	15	6	6	E-F	---	
3MR24			1	4	8	36	6	6	E-F	C	
3MV7			1	4	4	36	6	6	E-F	C	
3Q4			3	1	22	25	4	5	B-D-F	*	* Fil Cont - Depress A then J; then A-J together. Shall show short on B-F. Plate short test - Depress B-F together.
3Q5			4	1	15	19	3	4	B-C	*	* Fil Cont - Depress A then J; then A-J together.
3S4			3	1	20	25	4	5	B-D-F	*	* Depress A, J - then both A-J. Shall show short on B-F. Plate short test - Depress B-F together.
3V4			6	1	22	25	3	5	B-C	*	* Depress A, J - then both A-J.
4A6		Triode-1	3	2	25	22	1	4	B	*	* Fil Cont - Depress A then J; then A-J together.
4A6		Triode-2	4	2	25	22	1	4	E	*	
4AB8		Triode	9	5	15	19	1	6	H	C	
4AB8		Pentode	7	5	10	24	6	6	E-F	C	
4AF4			7	5	0	11	1	6	A-J	C	
4AU6			1	5	10	38	6	6	E-F	C	
4BA6			1	5	9	40	6	6	E-F	C	
4BC5			1	5	4	40	6	6	E-F	C	Shall show short on B-J. Cathode short test - Depress B-J together.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
4BC8		Triode-1	1	5	25	9	1	6	E	C	
4BC8		Triode-2	9	5	25	9	1	6	H	C	
4BE6		Amp	6	5	47	47	9	6	E-J	C	OK above 1/3 scale.
4BE6		Osc	1	5	21	9	1	6	F	C	---
4BF5			1	4	0	12	6	6	E-F	C	Shall show short on A-J.
4BL8		Triode	7	5	13	10	6	7	H	D	
4BL8		Pentode	9	5	13	20	2	7	B-E-F	D	
4BN6			8	5	0	22	1	6	E-J	C	
4BQ7A		Triode-1	1	5	16	11	1	6	E	C	
4BQ7A		Triode-2	9	5	16	11	1	6	H	C	
4BS8		Triode-1	1	5	9	15	1	6	E	C	
4BS8		Triode-2	9	5	9	15	1	6	H	C	
4BU8		Sect-1	1	5	21	12	1	6	F-J	C	
4BU8		Sect-2	1	5	21	12	1	6	B-J	C	
4BX8		Triode-1	1	5	17	8	1	7	E	D	
4BX8		Triode-2	9	5	17	8	1	7	H	D	
4BZ6			1	5	4	43	6	6	E-F	C	
4BZ7		Triode-1	1	5	26	8	1	6	E	C	
4BZ7		Triode-2	9	5	26	8	1	6	H	C	
4CB6			1	5	10	39	6	6	E-F	C	
4CE5			1	5	10	36	6	6	E-F	C	Shall show short on B-J. Cathode short test -
4CS6		Amp	6	5	39	47	9	6	E-J	C	Depress B-J together.
4CS6		Osc	1	5	26	10	1	6	F	C	
4DE6			1	5	17	10	1	6	E-F	C	
4DK6			1	5	7	38	6	6	E-F	C	
4DT6			1	5	20	13	1	6	E-F	C	
4EH7			9	5	10	10	11	7	A-F	D	Shall show short on B-H. Cathode short test -
4EJ7			9	5	13	10	11	7	A-F	D	Depress B-H together.
4ER5			2	4	10	14	1	6	E	C	Shall show short on A-J.
4ES8		Triode-1	1	5	12	10	11	7	E	D	
4ES8		Triode-2	9	5	14	10	11	7	H	D	
4EW6			1	5	18	31	6	7	E-F	D	
4GJ7		Triode	7	4	7	8	1	6	F	C	Shall show short on B-H.
4GJ7		Pentode	9	4	10	37	1	6	A-E	C	
4GK5			2	4	13	10	1	7	E	D	Shall show short on A-J. Cathode short test -
4GM6			1	5	16	10	7	7	E-F	D	Depress A-J together.
4GS7		Triode	8	4	10	10	1	6	J	C	Shall show short on B-F.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
4GS7		Pentode	7	6	5	38	1	6	A-E	C	
4GS8		Sect-1	1	5	21	12	1	6	F-J	C	
4GS8		Sect-2	1	5	21	12	1	6	B-J	C	
4GW5			7	5	0	42	10	6	B-F	C	Shall show short on B-F.
4GX6			1	5	6	22	6	7	E-F-J	D	
4GX7		Triode	7	5	12	12	1	6	F	C	Shall show short on B-H. Cathode short test -
4GX7		Pentode	9	5	11	35	1	6	A-E	C	Depress B-H together.
4GZ5			1	4	0	41	10	7	B-E-J	D	Shall show short on B-E.
4HA5			1	4	14	10	9	7	E	D	Shall show short on B-J. With G-109 adapter, grid cap goes to stud of G-109. If panel has 9-pin socket, do not use grid cap.
4HA7	3	Diode-1	8	5	35	10	1	1	D	C	
4HA7	5	Diode-2	8	5	26	11	1	7	J		
4HC7	6	Triode-1	3	5	32	10	4	6	F	A	With G-109 adapter, grid cap goes to stud of G-109.
4HC7	5	Triode-2	1	5	24	10	4	5	J		
4HG8		Triode	5	5	7	10	2	7	A	D	May show short on B-H.
4HG8		Pentode	9	5	10	10	2	7	F-G	D	
4HK5			1	5	27	14	11	7	E	D	Shall show short on B-J. Cathode short test -
4HM5			1	4	13	11	2	7	E	D	Depress B-J together.
4HM6			9	4	7	30	6	6	A-F	C	Shall show short on B-J.
4HQ5			1	4	10	11	1	6	E	C	Shall show short on B-H.
4HR8			7	5	5	45	8	6	E-H	C	Shall show short on B-J.
4HS8		Pent-1	1	4	38	10	1	7	F-J	D	Shall show short on A-J.
4HS8		Pent-2	1	4	38	10	1	7	B-J	D	
4HT6			9	5	7	11	2	6	F-G	C	Shall show short on B-H. Cathode short test -
4JC6			9	5	5	30	6	7	A-F	D	Depress B-H together.
4JD6			9	5	5	30	6	7	A-F	D	Shall show short on B-H. Cathode short test -
4JH6			1	5	31	10	11	7	E-F-J	D	Depress B-H together.
4JK6			1	4	7	11	2	7	F-J	D	
4JL6			1	4	8	10	11	7	F-J	D	
4JW8		Triode	7	4	15	21	1	6	H	C	
4JW8		Pentode	9	4	7	38	2	6	B-E	C	
4KE8		Triode	7	5	33	10	11	6	H	C	
4KE8		Pentode	9	5	15	10	9	6	B-E	C	
4KF8		Pent-1	1	5	10	17	1	6	F-J	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
4KF8		Pent-2	1	5	10	17	1	6	B-J	C	
4KN8		Triode-1	1	5	10	9	1	7	E	D	
4KN8		Triode-2	9	5	10	9	1	7	H	D	
4KT6			9	5	2	32	6	6	A-F	C	Shall show short on B-H.
4LJ8		Triode	8	5	15	12	1	6	J	C	Shall show short on B-F.
4LJ8		Pentode	7	5	5	34	1	6	A-E	C	
4LU6			6	5	45	40	11	6	D-E-H	C	
4MK8		Pent-1	1	5	15	15	1	6	F-J	C	
4MK8		Pent-2	1	5	15	15	1	6	B-J	C	
4MP12			1	5	5	28	6	6	E-F	C	
4MP26			1	4	0	15	6	6	E-F	D	
4RHH2		Triode-1	1	5	16	11	1	6	E	C	
4RHH2		Triode-2	9	5	16	11	1	6	H	C	
4RHH8		Triode-1	1	5	10	9	1	7	E	D	
4RHH8		Triode-2	9	5	10	9	1	7	H	D	
4RHH15		Triode-2	6	4	9	18	9	6	H-J	C	
4RHH15		Triode-1	6	4	9	7	9	6	A-E	C	
5A6			1	3	12	15	5	3	E-H	*	* Fil Cont - Depress C then D; then C-D together. Shall show short on B-F.
5AF4			7	5	0	11	1	6	A-J	C	Suppressor short test - Depress B-F together.
5AF11	0	Triode-1	5	5	18	15	9	2	F	G	Shall show short on A-B-F-J.
5AF11		Triode-2	2	5	9	25	9	2	C	G	With G-109 adapter, grid cap goes to stud of G-109. If panel has 9-pin socket, do not use grid cap.
5AF11	5	Pentode	2	5	25	37	9	5	A		
5AM8		Pentode	9	5	1	39	2	6	B-E	C	
5AM8		Diode	7	5	0	25	10	6	F	C	
5AN8		Triode	9	5	12	26	11	6	A-E	C	
5AN8		Pentode	6	5	7	34	1	6	A-E	C	
5AQ4		Plate-1	7	5	0	2	11	1	C	F	
5AQ4		Plate-2	7	5	0	2	11	1	E	F	
5AQ5			6	5	50	30	1	6	E	C	Shall show short on A-J. Grid short test - Depress A-J together.
5AR4		Plate-1	7	5	0	0	11	1	C	F	
5AR4		Plate-2	7	5	0	0	11	1	E	F	
5AS4		Plate-1	7	5	0	5	11	1	C	F	
5AS4		Plate-2	7	5	0	5	11	1	E	F	
5AS8		Pentode	9	5	10	33	8	6	G-H	C	
5AS8		Diode	9	5	0	27	10	6	E	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
5AT8		Triode	8	5	19	13	1	6	J	C	
5AT8		Pentode	7	5	10	16	2	6	A-F	C	
5AU4		Plate-1	7	5	0	4	11	1	C	F	
5AU4		Plate-2	7	5	0	4	11	1	E	F	
5AV8		Triode	9	5	12	26	11	6	B	C	
5AV8		Pentode	5	5	7	34	6	6	F-G	C	
5AW4		Plate-1	7	5	0	4	11	1	C	F	
5AW4		Plate-2	7	5	0	4	11	1	E	F	
5AX4		Plate-1	7	5	0	8	11	1	C	F	
5AX4		Plate-2	7	5	0	8	11	8	E	F	
5AZ4		Plate-1	7	5	0	8	11	8	D	---	
5AZ4		Plate-2	7	5	0	8	11	8	E	---	
5B8		Triode	9	5	17	11	1	6	B	C	May show short on H.
5B8		Pentode	5	5	3	34	6	6	F-G	C	
											With G-109 adapter, grid cap goes to stud of G-109. If panel has 9-pin socket, do not use grid cap.
5BC3		Diode-1	1	5	0	4	1	2	F-G	B-J	
5BC3		Diode-2	1	5	0	4	1	2	D-E	B-J	
5BC8		Triode-1	1	5	25	9	1	6	E	C	
5BC8		Triode-2	9	5	25	9	1	6	H	C	
5BE8		Triode	8	5	12	12	1	6	J	C	May show short on B.
5BE8		Pentode	7	5	7	37	1	6	A-E	C	
5BK7A		Triode-1	1	5	25	10	1	6	E	C	
5BK7A		Triode-2	9	5	25	10	1	6	H	C	
5BQ7		Triode-1	1	6	18	11	1	6	E	C	
5BQ7		Triode-2	9	6	18	11	1	6	H	C	
5BR8		Triode	8	5	12	15	1	6	J	C	
5BR8		Pentode	7	5	8	42	1	6	A-E	C	
5BS8		Triode-1	1	5	9	15	1	6	E	C	
5BS8		Triode-2	9	5	9	15	1	6	H	C	
5BT8		Pentode	6	5	5	35	1	6	A-E	C	
5BT8		Diode-1	6	5	0	26	10	6	J	C	
5BT8		Diode-2	6	5	0	26	10	6	H	C	
5BW8		Pentode	5	5	5	31	11	6	F-G	C	May show short on A.
5BW8		Diode-1	7	5	0	24	10	6	B	C	
5BW8		Diode-2	7	5	0	24	10	6	H	C	
5BZ7		Triode-1	1	6	26	8	1	6	E	C	
5BZ7		Triode-2	9	6	26	8	1	6	H	C	
											May show short on B-F. Cathode short test - Depress B-F together.
5CG8		Triode	8	5	19	11	1	6	J	C	
5CG8		Pentode	7	5	6	38	1	6	A-E	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
5CL8		Triode	8	5	25	10	1	6	J	C	Shall show short on B-E. Grid short test - Depress B-E together.
5CL8		Tetrode	7	5	11	47	10	6	A-E	C	
5CM6			9	5	0	21	8	6	G-H	C	
5CM8		Triode	7	5	13	30	1	6	H	C	
5CM8		Pentode	9	5	5	33	1	6	A-E	C	
5CQ8		Triode	7	5	28	9	2	6	H	C	
5CQ8		Tetrode	9	5	15	32	2	6	B-E	C	
5CR8		Triode	7	5	10	15	1	6	H	C	
5CR8		Pentode	9	5	5	36	1	6	A-E	C	
5CX8		Triode	9	5	28	11	6	6	B	C	
5CX8		Pentode	1	5	20	22	6	6	F-G	C	
5DG4		Plate-1	1	5	0	0	11	2	A	B	
5DG4		Plate-2	1	5	0	0	11	2	D	B	
5DH8		Triode	8	5	40	7	1	6	J	C	
5DH8		Pentode	7	5	23	30	1	6	A-E	C	
5EA8		Pentode	9	5	15	34	2	6	B-E	C	
5EA8		Triode	7	5	19	11	2	6	H	C	
5ES8		Triode-1	1	5	12	10	11	7	E	D	
5ES8		Triode-2	9	5	14	10	11	7	H	D	
5EU8		Triode	9	5	24	10	1	7	B-E	D	
5EU8		Pentode	1	5	18	10	1	7	G-H	D	
5EW6			1	5	18	31	6	7	E-F	D	
5FV8		Triode	8	5	19	10	1	6	J	C	
5FV8		Pentode	7	5	14	35	1	6	A-E	C	
5GH8		Triode	7	5	25	10	7	6	H	C	
5GH8		Pentode	9	5	15	33	2	6	B-E	C	
5GJ7		Triode	7	6	7	8	1	6	F	C	
5GJ7		Pentode	9	6	10	37	1	6	A-E	C	
5GM6			1	5	16	10	7	7	E-F	D	
5GS7		Triode	8	5	10	10	1	6	J	C	
5GS7		Pentode	7	5	5	38	1	6	A-E	C	Shall show short on B-F.
5GX6			1	5	6	22	6	7	E-F-J	D	
5GX7		Triode	7	5	12	12	1	6	F	C	
5GX7		Pentode	9	5	11	35	1	6	A-E	C	
5GY8		Triode-1	7	5	0	26	6	6	E	C	
5GY8		Triode-2	2	5	30	10	6	6	G	C	
5GY8		Triode-3	8	5	30	10	6	6	J	C	
											Shall show short on B-H. Cathode short test - Depress B-H together.
5GX7		Triode	7	5	12	12	1	6	F	C	
5GX7		Pentode	9	5	11	35	1	6	A-E	C	
5GY8		Triode-1	7	5	0	26	6	6	E	C	
5GY8		Triode-2	2	5	30	10	6	6	G	C	
5GY8		Triode-3	8	5	30	10	6	6	J	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
5HA7	3	Triode-1	8	5	35	10	1	1	D	E	With G-109 adapter, grid cap goes to stud of G-109. If panel has 9-pin socket, do not use grid cap.
5HA7	5	Triode-2	8	5	26	11	1	7	J		
5HB7		Triode	7	5	24	11	1	6	F	C	Shall show short on B-H. Cathode short test - Depress B-H together.
5HB7		Pentode	9	5	19	11	9	6	A-E	C	
5HC7	6	Triode-1	3	5	32	10	4	6	F	A	With G-109 adapter, grid cap goes to G-109 stud.
5HC7	5	Triode-2	1	5	24	10	4	5	J		
5HG8		Triode	5	5	7	10	2	7	A	D	May show short on B-H. Cathode short test - Depress B-H together.
5HG8		Pentode	9	5	10	10	2	7	F-G	D	
5HZ6			1	5	25	10	5	7	E-F	D	
5J6		Triode-1	5	5	16	13	7	6	B	C	
5J6		Triode-2	6	5	16	13	7	6	A	C	
5JK6			1	5	7	11	1	7	F-J	D	
5JL6			1	5	8	10	11	7	F-J	D	
5JW8		Triode	7	5	15	21	1	6	H	C	
5JW8		Pentode	9	5	7	38	2	6	B-E	C	
5KD8		Triode	7	5	25	10	7	6	H	C	
5KD8		Pentode	9	5	15	36	2	6	B-E	C	
5KE8		Triode	7	5	33	10	11	6	H	C	
5KE8		Pentode	9	5	15	10	9	6	B-E	C	
5KZ8		Triode	7	5	24	10	1	7	H	D	
5KZ8		Pentode	9	5	8	35	1	7	A-E	D	
5LJ8		Triode	8	6	15	12	1	6	J	C	
5LJ8		Pentode	7	6	5	34	1	6	A-E	C	Shall show short on B-F.
5MB8		Triode	8	5	12	13	1	6	J	C	
5MB8		Pentode	7	5	5	33	1	6	A-E	C	
5MF8	7	Pentode	8	5	15	49	10	4	J	E	
5MF8	5		9	5	10	17	2	5	A		
5MHH3		Triode	5	5	16	13	7	6	B	C	
5MHH3		Triode	6	5	16	13	7	6	A	C	
5MK9			1	5	0	5	11	7	E	D	
5MQ8		Triode	6	5	29	13	11	6	H	C	
5MQ8		Pentode	7	5	9	7	1	6	B-G	C	
5P29			4	5	15	16	3	1	C-G	---	
5R4GY		Plate-1	7	5	0	6	11	1	C	F	
5R4GY		Plate-2	7	5	0	6	11	1	E	F	
5RDDH1		Diode-1	6	5	0	4	11	6	H	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
5RDDH1		Diode-2	6	5	0	4	11	6	E	C	
5RDDH1		Triode	6	5	5	5	11	6	A-F	C	
5RHP1		Triode	7	5	13	10	6	7	H	D	
5RHP1		Pentode	9	5	13	35	2	7	B-E	D	
5RHR1			7	5	0	21	1	6	H	C	
5RHR1			9	5	5	13	1	6	B-E	C	
5RK16		Plate-1	---	5	0	5	11	6	H	C	
5RK16		Plate-2	---	5	0	5	11	6	F	C	
5T4		Plate-1	7	5	0	4	11	1	C	F	
5T4		Plate-2	7	5	0	4	11	1	E	F	
5T8		Triode	6	5	11	38	2	6	G	C	
5T8		Diode-1	6	5	0	22	10	6	E	C	
5T8		Diode-2	6	5	0	22	10	6	J	C	
5T8		Diode-3	6	5	0	22	10	6	H	C	
5U4		Plate-1	7	5	0	5	11	1	C	F	
5U4		Plate-2	7	5	0	5	11	1	E	F	
5U8		Triode	7	5	18	11	1	6	H	C	
5U8		Pentode	9	5	12	37	2	6	B-E	C	
5U9		Triode	2	6	0	43	10	6	G	E	Grid cap goes to adapter stud.
5U9		Pentode	2	6	5	37	6	6	A-F	E	
5V3		Plate-1	7	5	0	4	11	1	C	F	
5V3		Plate-2	7	5	0	4	11	1	E	F	
5V4		Plate-1	7	5	0	2	11	1	C	F	
5V4		Plate-2	7	5	0	2	11	1	E	F	
5V6			4	5	11	14	3	1	B-C	---	
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
5V9		Triode	2	5	0	43	10	6	F	E	
5V9		Heptode	2	5	28	45	10	6	A-C	E	
5W4		Plate-1	7	5	0	9	11	1	C	F	
5W4		Plate-2	7	5	0	9	11	1	E	F	
5X4		Plate-1	7	5	0	5	11	4	B	---	
5X4		Plate-2	7	5	0	5	11	4	D	---	
5X8		Triode	9	5	19	11	1	6	B	C	
5X8		Pentode	1	5	13	13	1	6	F-G	C	
5X9		Triode	2	6	0	43	10	6	G	E	
5X9		Pentode	2	6	5	38	6	6	A-F	E	
5Y3		Plate-1	7	5	0	8	11	1	C	F	
5Y3		Plate-2	7	5	0	8	11	1	E	F	
5Y4		Plate-1	7	5	0	8	11	4	B	---	
5Y4		Plate-2	7	5	0	8	11	4	D	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
5Z3		Plate-1	7	5	0	5	11	1	B	---	
5Z3		Plate-2	7	5	0	5	11	1	C	---	
5Z4		Plate-1	7	5	0	2	11	1	C	F	
5Z4		Plate-2	7	5	0	2	11	1	E	F	
6A3			3	6	40	4	1	1	B	---	
6A4-LA			3	6	24	20	4	1	B-D	---	
6A5			4	4	40	4	1	4	B	*	* Fil Cont - Depress A then J; then A-J together.
6A6		Triode-1	3	6	35	7	1	1	B	---	
6A6		Triode-2	5	6	35	7	1	1	F	---	
6A7		Amp	7	6	15	50	3	1	B-C	---	
6A7		Osc	5	6	31	31	1	1	D	---	
6A7S		Amp	7	6	26	50	3	1	B-C	---	
6A7S		Osc	5	6	31	31	1	1	D	---	
6A8		Amp	7	6	15	50	3	1	B-C	---	
6A8		Osc	4	6	31	30	1	1	E	---	
6AB4			6	6	30	10	2	6	A	C	
6AB5		Triode	3	6	23	19	1	1	D-B	---	
6AB5		Eye	7	6	0	0	2	1	D-B	---	See instructions for eye test.
6AB6			4	6	25	26	3	1	B-C	---	
6AB7			3	6	13	31	5	1	E-F	---	
6AB8		Pentode	7	6	0	5	6	7	E-F	D	
6AB8		Triode	9	6	3	10	6	7	H-J	D	
6AC5			4	6	20	26	1	1	B	---	
6AC6			4	6	31	10	3	1	B-C	---	
6AC7			3	6	4	34	5	1	E-F	---	
6AC9	0	Diode	2	6	0	43	10	2	J	G	Grid cap goes to adapter stud.
6AC9	7	Pentode	2	6	8	33	3	5	C-D		May show short on B.
6AC10	5	Triode-1	8	6	9	21	8	5	J	C	With G-109 adapter, grid cap goes to G-109 stud.
6AC10	0	Triode-2	1	6	9	21	8	2	D	C	With socket adapter, grid cap goes to adapter stud.
6AC10	3	Triode-3	8	6	9	22	9	7	D	C	With G-109 adapter, grid cap goes to G-109 stud.
6AD4			8	6	6	36	1	5	F	B	
6AD5			2	6	12	33	1	1	D	---	
6AD6		Eye-1	7	6	0	0	3	1	D-C	---	See instructions for eye test.
6AD6		Eye-2	7	6	0	0	2	1	D-B	---	See instructions for eye test.
6AD7		Triode	8	6	30	23	1	1	E	---	
6AD7		Pentode	4	6	25	18	3	1	B-C	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6AD10	0	Pent-1	2	6	10	15	9	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
6AD10	6	Pent-2	8	6	5	22	2	6	B-C		
6AE5			4	6	29	5	1	1	B	---	
6AE6		Triode-1	4	6	18	35	1	1	B	---	
6AE6		Triode-2	4	6	18	38	1	1	C	---	
6AE7		Triode-1	5	6	35	6	1	1	B	---	
6AE7		Triode-2	3	6	35	6	1	1	B	---	
6AF3											
6AF4			7	6	0	11	1	6	A-J	C	Shall show short on A-B-F-J. Plate short test - Depress A-J together. Grid short test - Depress B-F together.
6AF5			4	6	25	7	1	1	B	---	
6AF6		Eye-1	7	6	0	0	3	1	D-C	---	See instructions for eye test.
6AF6		Eye-2	7	6	0	0	2	1	D-B	---	
6AF9		Pent-1	6	6	7	10	2	6	G	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6AF9		Pent-2	8	6	15	26	2	6	B-C		
6AF11	0	Triode-1	5	6	18	15	9	2	F	G	Grid cap goes to adapter stud.
6AF11		Triode-2	2	6	9	25	9	2	C	G	
6AF11	5	Pentode	2	6	25	37	9	5	A		
6AG5			1	6	7	38	6	6	E-F	C	Cathode short test - Depress B-J together.
6AG6			4	6	23	15	3	1	B-C	---	
6AG7			3	6	12	25	5	1	E-F	---	
6AG9	0		4	6	10	17	2	2	A	G	
6AG9	6		3	6	5	27	2	9	B-F		
6AG11	8	Triode-1	2	6	19	14	5	3	J	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6AG11		Diode-1	2	6	0	42	10	3	D	B	
6AG11	2	Triode-2	1	6	19	14	1	2	F		
6AG11		Diode-2	1	6	0	42	10	2	D		
6AG12			7	4	24	9	6	5	B-E	---	
6AH4			8	6	26	6	11	1	F	---	
6AH5			5	6	9	12	8	1	C-H	---	
6AH6			1	6	8	30	6	6	E-F	C	
6AH7		Triode-1	8	6	18	15	1	4	B	---	
6AH7		Triode-2	4	6	18	15	1	4	E	---	
6AJ4			7	6	0	22	1	4	D	---	Shall show short on B-C-E-G-H. Grid short test - Depress B-C-E-G-H together.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6AJ5			1	6	10	29	6	6	E-F	C	Shall show short on B-J. Cathode short test - Depress B-J together.
6AJ7			3	6	4	34	5	1	E-F	---	
6AJ9		Triode	2	6	0	45	10	6	G	E	Grid cap goes to adapter stud.
6AJ9		Pentode	2	6	5	42	6	6	A-F	E	
6AK4			8	6	26	7	1	5	F	B	
6AK5			1	6	14	28	6	6	E-F	C	Cathode short test - Depress B-J together.
6AK6			1	6	22	23	6	6	E-F	C	
6AK7			3	6	12	25	5	1	E-F	---	
6AK9	0	Pentode	1	6	29	11	1	2	B	G	
6AK9		Triode-1	1	6	29	9	1	2	F	G	
6AK9	8	Triode-2	1	6	0	25	4	9	D-E	G	
6AK10	0	Triode-2	6	6	3	22	1	2	A-D	G	
6AK10	6	Triode-3	6	6	3	23	3	6	C-F		
6AK10	8	Triode-1	6	6	3	18	3	3	C-D		
6AL5		Diode-1	7	6	0	25	10	6	J	C	
6AL5		Diode-2	7	6	0	25	10	6	B	C	
6AL6			4	6	9	12	3	1	C-G		
6AL7		Eye	*	6	7	0	7	1	B	---	
6AL9	2	Triode	1	6	13	19	2	2	G	B	With socket adapter, grid cap goes to adapter stud.
6AL9	5	Pentode	2	6	0	5	3	5	A-B		
6AL11	2	Pent-1	4	6	24	10	1	2	E-F-G	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6AL11	6	Pent-2	8	6	15	10	1	6	B-C		
6AM4			7	6	0	32	1	4	D	---	Shall show short on B-C-E-G-H. Grid short test - Depress B-C-E-G-H together.
6AM5			1	6	18	22	9	7	E-J	D	
6AM6			1	6	8	37	9	7	E-J	D	
6AM8		Pentode	9	6	1	39	2	6	B-E	C	
6AM8		Diode	7	6	0	25	10	6	F	C	
6AN5			1	6	7	20	6	6	E-F	C	Shall show short on B-J. Cathode short test - Depress B-J together.
6AN6		Diode-1	8	6	0	47	10	1	B	A	
6AN6		Diode-2	8	6	0	47	10	1	C	A	
6AN6		Diode-3	8	6	0	47	10	1	D	A	
6AN6		Diode-4	8	6	0	47	10	1	E	A	
6AN8		Triode	9	6	12	26	11	6	H	C	
6AN8		Pentode	6	6	7	34	1	6	A-E	C	
6AQ4		Triode	7	6	0	42	10	7	A-F	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6AQ5			6	6	50	30	1	6	E	C	Shall show short on A-J. Grid short test - Depress A-J together.
6AQ6		Triode	1	6	13	30	1	6	J	C	
6AQ6		Diode-1	1	6	0	30	10	6	E	C	
6AQ6		Diode-2	1	6	0	30	10	6	F	C	
6AQ7		Triode	3	6	19	27	1	4	D	---	
6AQ7		Diode-1	3	6	0	30	10	4	B	---	
6AQ7		Diode-2	3	6	0	30	10	4	H	---	
6AQ8		Triode-1	1	6	25	11	1	7	E	D	
6AQ8		Triode-2	9	6	25	11	9	7	H	D	
6AR5			1	6	26	19	6	6	E-F	C	
6AR6			1	6	10	12	4	4	B-D	E	
6AR8		Sect-1	5	6	20	21	1	7	B-G	D	
6AR8		Sect-2	5	6	20	21	1	7	B-F	D	
6AR11	2	Pent-2	1	6	13	35	4	2	C-D	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6AR11	8	Pent-1	4	6	13	35	3	9	B-C		
6AS5			6	6	30	29	1	6	J	C	Shall show short on B-E. Grid short test - Depress B-E together. OK above 1/3 scale.
6AS6			1	6	5	41	6	6	E-F	C	
6AS8		Pentode	9	6	10	33	8	6	G-H	C	
6AS8		Diode	9	6	0	27	10	6	E	C	
6AS11	0	Triode-1	5	6	18	15	9	2	F	G	
6AS11		Triode-2	2	6	19	15	9	2	C	G	
6AS11	5	Pentode	2	6	31	40	9	5	A		
6AT6		Triode	1	6	13	30	1	6	J	C	
6AT6		Diode-1	1	6	0	30	10	6	E	C	
6AT6		Diode-2	1	6	0	30	10	6	F	C	
6AT7N		Triode-1	1	6	27	12	7	7	E	D	
6AT7N		Triode-2	9	6	27	12	7	7	H	D	
6AT8		Triode	8	6	19	13	1	6	J	C	
6AT8		Pentode	7	6	10	16	2	6	A-E	C	
6AU4			7	6	0	4	1	4	D	---	
6AU5			8	6	19	8	11	1	D-F	---	
6AU6			1	6	10	38	6	6	E-F	C	
6AU8		Pentode	1	6	9	23	11	6	F-G	C	
6AU8		Triode	9	6	14	16	1	6	B	C	
6AV5			8	6	4	11	6	1	D-F	---	
6AV6		Triode	1	6	12	31	1	6	J	C	
6AV6		Diode-1	1	6	0	35	10	6	F	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6AV6		Diode-2	1	6	0	35	10	6	E	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6AV11	5	Triode-1	8	6	15	15	7	7	J	E	
6AV11		Triode-3	2	6	15	15	9	7	A	E	
6AV11	2	Triode-2	7	6	15	15	5	8	A		
6AW6			1	6	10	37	6	6	E-F	C	
6AW8		Triode	9	6	11	20	1	6	B	C	
6AW8		Pentode	1	6	6	19	11	6	F-G	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6AX3	2		7	6	0	9	11	8	E	H	
6AX4			7	6	0	3	11	4	D	---	
6AX5		Plate-1	7	6	0	4	12	1	D	---	
6AX5		Plate-2	7	6	0	4	12	1	B	---	
6AX7		Triode-1									
6AX7		Triode-2									Shall show short on A-J. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. With G-109 adapter, grid cap goes to G-109 stud.
6AX8		Triode	7	6	18	11	1	6	H	C	
6AX8		Pentode	9	6	16	32	2	6	B-E	C	
6AY3			1	6	0	0	11	7	A-J	D	
6AY11	8	Diode-1	2	6	0	25	10	3	D	A	
6AY11		Triode-1	2	6	35	9	1	3	J	A	
6AY11	0	Diode-2	2	6	0	25	10	2	B		With socket adapter, grid cap goes to adapter stud.
6AY11		Triode-2	4	6	36	9	1	2	E		
6AZ5		Diode-1	7	6	0	26	10	5	F	B	
6AZ5		Diode-2	7	6	0	26	10	5	H	B	
6AZ6		Diode-1	7	6	0	25	10	5	J	B	
6AZ6		Diode-2	7	6	0	25	10	5	A	B	
6AZ8		Triode	7	6	24	10	1	6	F	C	
6AZ8		Pentode	5	6	5	36	9	6	H-J	C	
6B4			4	6	40	4	1	1	B	---	
6B5		Input	4	6	20	25	1	1	C	---	
6B5		Output	4	6	20	27	3	1	B-C	---	
6B6		Triode	7	6	12	37	1	1	B	---	
6B6		Diode-1	7	6	0	30	10	1	C	---	
6B6		Diode-2	7	6	0	30	10	1	D	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6B7		Pentode	7	6	26	31	3	1	B-C	---	
6B7		Diode-1	7	6	0	35	10	1	D	---	
6B7		Diode-2	7	6	0	35	10	1	E	---	
6B8		Pentode	7	6	25	31	5	1	B-E	---	
6B8		Diode-1	7	6	0	30	10	1	C	---	
6B8		Diode-2	7	6	0	30	10	1	D	---	
6B10	0	Triode-1	4	6	29	10	1	2	E	G	Grid cap goes to adapter stud.
6B10		Triode-2	2	6	29	10	1	2	C	G	
6B10	6	Diode-1	2	6	0	26	10	9	B		
6B10		Diode-2	2	6	0	26	10	9	H		
6B32		Diode-1	7	6	0	25	10	6	J	D	
6B32		Diode-2	7	6	0	25	10	6	B	D	
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. May show short on A-J.
6BA3			8	6	0	4	2	7	A-J	D	
6BA5			2	6	19	24	4	5	D-H	C	
6BA6			1	6	9	40	6	6	E-F	C	
6BA7		Amp									
6BA7		Osc									
6BA8		Triode	9	6	23	10	1	6	B	C	
6BA8		Pentode	1	6	5	31	6	6	F-G	C	
6BA11	0	Pent-1	3	6	32	8	3	2	B-J	C	With socket adapter, grid cap goes to adapter stud.
6BA11		Pent-2	3	6	30	10	3	2	B-E	G	
6BA11	8	Triode	3	6	27	12	2	9	E		
											* Shall use magnoval adapter. Cap goes to top of tube. Shall show short on A-B-E-F-H-J.
6BB14		*	1	6	0	44	10	6	H-J	C	
6BC4											
6BC5			1	6	4	40	6	6	E-F	C	Shall show short on B-J. Cathode short test - Depress B-J together.
6BC7		Diode-1									
6BC7		Diode-2									
6BC7		Diode-3									
6BC8		Triode-1	1	6	25	9	1	6	E	C	
6BC8		Triode-2	9	6	25	9	1	6	H	C	
6BD4A			3	6	0	40	10	1	D-G	---	OK above 1/3 scale.
6BD5			8	6	40	5	7	1	D-F	---	
6BD6			1	6	15	33	6	6	E-F	C	
6BD7A		Triode									

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6BD7A		Diode-1									
6BD7A		Diode-2									
6BD11	0	Triode-2	2	6	34	9	1	2	C	G	If panel has a nine-pin socket, Do not use grid cap. With socket adapter, grid cap goes to G-109 stud.
6BD11		Triode-1	5	6	34	9	1	2	F	G	
6BD11	5	Pentode	2	6	0	4	3	5	A-B		
6BE3	2		7	6	0	9	11	2	E	B	Use grid cap. If panel has a nine-pin socket, Do not use grid cap. With socket adapter, grid cap goes to G-109 stud.
6BE6		Amp	6	6	47	47	9	6	E-J	C	
6BE6		Osc	1	6	21	9	1	6	F	C	
6BE7			1	6	20	45	8	6	H-J	C	Shall show short on B-F.
6BE8		Triode	8	6	12	12	1	6	J	C	May show short on B.
6BE8		Pentode	7	6	7	37	1	6	A-E	C	
6BF5			1	6	0	12	6	6	E-F	C	Shall show short on A-J. Grid short test - Depress A-J together.
6BF6		Triode	1	6	18	15	1	6	J	C	
6BF6		Diode-1	1	6	0	30	10	6	F	C	
6BF6		Diode-2	1	6	0	30	10	6	F-?	C	
6BF7		Triode-1	1	6	7	33	11	5	F	B	
6BF7		Triode-2	9	6	7	33	11	5	H	B	
6BF8		Diode-1	2	6	0	42	10	7	G	D	
6BF8		Diode-2	2	6	0	42	10	7	F	D	
6BF8		Diode-3	2	6	0	42	10	7	A	D	
6BF8		Diode-4	6	6	0	42	10	7	B	D	
6BF8		Diode-5	6	6	0	42	10	7	J	D	
6BF8		Diode-6	6	6	0	42	10	7	H	D	
6BF11	0	Pent-1	2	6	19	19	4	2	A-E	G	With socket adapter, grid cap goes to adapter stud. With G-109 adapter, grid cap goes to G-109 stud.
6BF11	8	Pent-2	2	6	10	13	4	9	D-E		
6BG6			4	6	8	12	6	1	F-G	---	
6BG7		Triode-1	1	6	7	33	11	5	F	B	
6BG7		Triode-2	9	6	7	33	11	5	H	B	
6BH3			1	6	0	0	11	7	A-J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-J.
6BH6			1	6	12	40	6	6	E-F	C	
6BH8		Triode	9	6	19	10	1	6	B	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6BH8		Pentode	1	6	9	23	11	6	F-G	C	
6BH11	0	Triode-1	3	6	11	14	1	3	B	H	Grid cap goes to adapter stud.
6BH11		Triode-2	5	6	11	14	2	3	A	H	
6BH11	7	Pentode	9	6	5	38	2	5	B-C		
											If panel has a nine-pin socket, Do not use grid cap. With socket adapter, grid cap goes to adapter stud. OK above 1/3 scale.
6BJ3	0		1	6	0	25	10	2	C	G	
6BJ6			1	6	25	10	1	6	E-F	C	
6BJ7		Diode-1	2	6	0	25	10	6	F	C	May show short on B.
6BJ7		Diode-2	2	6	0	25	10	6	E	C	
6BJ7		Diode-3	2	6	0	25	10	6	J	C	
6BJ8		Triode	6	6	16	13	2	6	A	C	
6BJ8		Diode-1	6	6	0	23	10	6	E	C	
6BJ8		Diode-2	6	6	0	23	10	6	H	C	
6BK4			4	6	50	50	1	1	G	A	May show short on B-C-E-F-H. Tube OK above Diode arrow.
6BK5			7	6	0	14	1	6	F-H	C	Shall show short on A-B. Grid short test - Depress A-B together.
6BK7		Triode-1	1	6	25	10	1	6	E	C	
6BK7		Triode-2	9	6	25	10	1	6	H	C	
6BK8			7	6	0	46	8	7	E-H	D	May show short on A-J.
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6BK11	5	Triode-1	8	6	20	26	7	7	J	E	
6BK11		Triode-3	2	6	20	26	9	7	A	E	
6BK11	2	Triode-2	7	6	20	26	5	8	A		
6BL4			8	6	0	27	10	4	D-H	---	May show short on D-H.
6BL7		Triode-1	8	6	27	6	1	4	J	---	
6BL7		Triode-2	3	6	27	6	1	4	D	---	
6BL8		Triode	7	5	13	10	6	7	H	D	
6BL8		Pentode	9	5	13	20	2	7	B-E	D	
6BM8		Triode	8	6	32	11	8	7	G	D	
6BM8		Pentode	2	6	23	17	1	7	A-E	D	
											Shall show short on A-B-F-J. Grid short test - Depress B-J together. Cathode short test - Depress A-F together.
6BN4			2	6	0	20	1	6	E	C	
6BN6			8	6	0	22	1	6	E-J	C	
6BN7		Triode-1	1	6	29	5	1	6	G	C	
6BN7		Triode-2	9	6	10	27	1	6	H	C	
6BN8		Triode	6	6	27	10	2	6	A	C	
6BN8		Diode-1	6	6	0	25	10	6	E	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6BN8		Diode-2	6	6	0	25	10	6	H	C	
6BN11	7	Pent-1	8	6	5	40	2	5	B-D	F	
6BN11	2	Pent-2	4	6	5	40	5	2	A-E		
6BQ5			7	6	45	32	5	6	A	C	Shall show short on H-J. Grid short test -
6BQ6			4	6	20	5	1	1	C-G	---	Depress H-J together.
6BQ7		Triode-1	1	6	18	11	1	6	E	C	
6BQ7		Triode-2	9	6	18	11	1	6	H	C	
6BR7		Triode	9	4	14	18	1	3	H	*	* Fil Cont - Depress C, then D; then both C-
6BR7		Diode-1	9	4	0	25	10	3	A	*	D together.
6BR7		Diode-2	9	4	0	25	10	3	E	*	* Fil Cont - Depress C, then D; then both C-
6BR8		Triode	8	6	12	15	1	6	A-E	C	D together.
6BR8		Pentode	7	6	8	42	1	6	A-E	C	* Fil Cont - Depress C, then D; then both C-
											D together.
6BS3			8	6	0	42	10	6	A-J	C	If panel has a nine-pin socket, Do not use
6BS8		Triode-1	1	6	9	15	1	6	E	C	grid cap. With G-109 adapter, grid cap goes
6BS8		Triode-2	9	6	9	15	1	6	H	C	to G-109 stud. Shall show short on A-J.
6BT6		Triode	1	6	12	34	1	6	J	C	
6BT6		Diode-1	1	6	0	35	10	6	F	C	
6BT6		Diode-2	1	6	0	35	10	6	E	C	
6BT8		Pentode	6	6	5	35	1	6	A-E	C	
6BT8		Diode-1	6	6	0	26	10	6	J	C	
6BT8		Diode-2	6	6	0	26	10	6	H	C	
6BU6		Triode	1	6	30	10	1	6	J	C	
6BU6		Diode-1	7	6	0	30	10	6	F	C	
6BU6		Diode-2	7	6	0	30	10	6	E	C	
6BU8		Sect-1	1	6	21	12	1	6	F-J	C	
6BU8		Sect-2	1	6	21	12	1	6	B-J	C	
6BV8		Triode	9	6	16	10	1	6	B	C	
6BV8		Diode-1	9	6	0	23	10	6	G	C	
6BV8		Diode-2	9	6	0	23	10	6	E	C	
6BV11	7	Pent-1	8	6	5	28	1	4	B	E	
6BV11	2	Pent-2	7	6	5	28	1	2	E		
6BW3	0		9	6	0	44	10	2	C	G	
6BW4		Plate-1	2	6	0	6	11	6	A	C	
6BW4		Plate-2	2	6	0	6	11	6	H	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6BW6			6	6	37	47	9	6	A	C	Shall show short on H-J.
6BW11	7	Pent-1	4	6	5	31	2	4	B-J	E	
6BW11	2	Pent-2	4	6	7	37	5	2	A-E		
6BX6			9	6	5	36	6	6	A-F	C	Shall show short on B-H. Cathode short test - Depress B-H together.
6BX7		Triode-1	3	6	12	10	11	4	D	---	
6BX7		Triode-2	8	6	12	10	11	4	J	---	
6BX8		Triode-1	1	6	17	8	1	7	E	D	
6BX8		Triode-2	9	6	17	8	1	7	H	D	
6BY5		Plate-1	7	6	0	3	11	1	D	---	
6BY5		Plate-2	7	6	0	3	11	1	C	---	
6BY6		Sect-1	6	6	43	47	9	6	E-J	C	OK above 1/3 scale.
6BY6		Sect-2	1	6	17	9	1	6	F	C	---
6BY7			9	6	5	35	6	6	A-F	C	Shall show short on B-H. Cathode short test - Depress B-H together.
6BY8		Pentode	8	6	18	34	6	6	A-F	C	
6BY8		Diode	8	6	0	26	10	6	E	C	
6BY11	0	Pent-1	2	6	10	18	4	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
6BY11	8	Pent-2	2	6	5	13	4	9	D-E		
6BZ3	0		2	6	0	43	10	2	C	G	Grid cap goes to adapter stud.
6BZ6			1	6	4	43	6	6	E-F	C	
6BZ7		Triode-1	1	6	26	8	1	6	E	C	
6BZ7		Triode-2	9	6	26	8	1	6	H	C	
6BZ8		Triode-1	9	6	15	12	1	6	H	C	
6BZ8		Triode-2	1	6	15	12	1	6	E	C	
6C4			6	6	24	10	1	6	A-E	C	Plate short test - Depress A-E together.
6C5			4	6	15	18	1	1	B	---	
6C6			7	6	11	40	3	1	B-C	---	
6C7		Triode	7	6	25	15	1	1	B	---	
6C7		Diode-1	7	6	0	35	10	1	D	---	
6C7		Diode-2	7	6	0	35	10	1	E	---	
6C8		Triode-1	7	6	31	11	1	1	B	---	
6C8		Triode-2	4	6	31	11	1	1	E	---	
6C9		Tetrode-1	1	6	4	11	5	7	F-G	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6C9	*	Tetrode-2	8	6	5	11	3	7	J-B	D	* CAUTION - With socket adapter, grid cap goes to adapter stud.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6C10	5	Triode-1	8	6	34	10	1	5	J	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6C10	2	Triode-2	7	6	0	5	1	8	A-G		
6C10	3	Triode-3	8	6	34	10	1	7	D		
6C16		Triode	7	6	13	10	6	7	H	D	Shall show short on E-F.
6C16		Pentode	9	6	13	35	2	7	B-E	D	
6C18		Triode	7	6	15	9	1	6	H	C	
6C18		Pentode	1	6	5	40	9	6	B-J	C	
6CA4		Plate-1	5	6	0	2	11	6	H	C	
6CA4		Plate-2	5	6	0	2	11	6	A	C	Shall show short on B-E. Grid short test - Depress B-E together.
6CA5			7	6	0	4	1	6	B-E-F-J	C	
6CA7			4	6	17	15	3	1	B-C	---	
6CA11	0	Triode-1	2	6	20	17	2	2	J	G	May show short on A. Shall show short on B-C-D-E-F-H. Cathode short test - Depress B-E together.
6CA11		Triode-2	5	6	15	16	2	2	C	G	
6CA11	8	Pentode	7	6	45	10	2	3	D-E	A	
6CB5			2	6	0	6	1	1	F-G-H	---	
6CB6			1	6	10	39	6	6	E-F	C	
6CC31		Triode-1	5	6	16	13	7	6	B	C	Grid cap goes to adapter stud.
6CC31		Triode-2	6	6	16	13	7	6	A	C	
6CC42		Triode-1	1	6	25	10	1	2	E	G	
6CC42		Triode-2	2	6	25	10	1	2	C	G	
6CC43		Triode-1	1	6	20	12	4	6	E	C	
6CC43		Triode-2	9	6	21	12	4	6	H	C	See instructions for eye test.
6CD3	0		2	6	0	42	10	2	C	G	
6CD6			4	6	0	10	6	1	F-G	---	
6CD7		Eye-1	7	6	0	0	3	1	D-B	---	With socket adapter, grid cap goes to adapter stud. Shall show short on B-J. Cathode short test - Depress B-J together.
6CD7		Eye-2	7	6	0	0	3	1	D-E	---	
6CE3	0		9	6	0	4	1	2	C	G	
6CE5			1	6	10	36	6	6	E-F	C	Shall show short on A-J.
6CF6			1	6	5	41	6	6	E-F	C	
6CF8			7	6	17	32	8	6	E-H	C	
6CG3	0		5	6	0	43	10	3	C	H	
6CG7		Triode-1	1	6	16	16	1	6	E	C	
6CG7		Triode-2	9	6	16	16	1	6	H	C	Shall show short on B-F. Cathode short test - Depress B-F together.
6CG8		Triode	8	6	19	11	1	6	J	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6CG8		Pentode	7	6	6	38	1	6	A-E	C	
6CH3			1	6	0	0	11	7	A-J	D	Shall show short on A-J.
6CH6			9	6	20	19	6	7	A-F	D	
6CH7		Triode-1									
6CH7		Triode-2									
6CH8		Triode	6	6	11	26	11	6	G	C	
6CH8		Pentode	1	6	6	34	2	6	B-J	C	
6CH40		Amp	1	6	11	32	8	6	E-H	C	OK above 1/3 scale.
6CH40		Osc	9	6	26	10	7	6	H	C	---
6CH40		Triode	7	6	25	13	7	6	F	C	---
6CJ3			8	6	0	4	2	7	A-J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-J.
6CJ5			5	6	15	33	4	2	D-J	F	Shall show short on A-B.
6CJ6			1	6	0	44	10	6	J	C	Shall show short on A-E-F-G-H.
6CK3			1	6	0	42	10	7	A-J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-J.
6CK4			8	6	0	8	3	1	D	---	Shall show short on B-H. Grid short test - Depress B-H together.
6CK5			5	6	14	15	4	4	D-J	D	May show short on A-B. Cathode short test - Depress A-B together.
6CK6			9	6	10	20	8	6	A-H	C	
6CL3			1	6	0	42	10	7	A-J	D	Shall show short on A-J.
6CL5											
6CL6			1	6	0	11	1	6	B-E-F	C	Shall show short on B-F-G-J.
6CL8		Triode	8	6	31	7	1	6	J	C	
6CL8		Tetrode	7	6	17	28	1	6	A-E	C	
6CM3			8	6	0	45	10	6	A-J	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-J.
6CM5			4	6	3	9	11	1	C-G-H	---	May show short on B-C-F-H.
6CM6			9	6	0	21	8	6	G-H	C	Shall show short on B-E. Grid short test - Depress B-E together.
6CM7		Triode-1	1	6	18	15	1	6	E-J	C	
6CM7		Triode-2	6	6	21	8	1	6	H	C	
6CM8		Triode	7	6	13	30	1	6	H	C	
6CM8		Pentode	9	6	5	33	1	6	A-E	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6CN6			4	5	15	16	3	1	C-G-H	---	
6CN7		Triode	1	4	10	38	1	3	F	*	* Fil Cont - Depress C then D; then C-D together.
6CN7		Diode-1	1	4	0	25	10	3	J	*	* Fil Cont - Depress C then D; then C-D together.
6CN7		Diode-2	1	4	0	25	10	3	H	*	* Fil Cont - Depress C then D; then C-D together.
6CQ4			1	6	0	47	10	9	D	F	
6CQ6			1	6	31	10	5	7	E-J	D	
6CQ8		Triode	7	6	28	9	2	6	H	C	
6CQ8		Tetrode	9	6	15	32	2	6	B-E	C	
6CR6		Pentode	9	6	15	32	6	6	E-F	C	
6CR6		Diode	7	6	0	31	10	6	B	C	
6CR8		Triode	7	6	10	15	1	6	H	C	
6CR8		Pentode	9	6	5	36	1	6	A-E	C	
6CS6		Amp	6	6	39	47	9	6	E-J	C	OK above 1/3 scale.
6CS6		Osc	1	6	26	10	1	6	F	C	---
6CS7		Triode-1	2	6	25	8	1	6	H	C	
6CS7		Triode-2	1	6	23	14	1	6	E	C	
6CT3		Diode	8	6	0	45	10	6	E-J	C	Shall show short on E-J.
6CU5			7	6	0	12	6	6	F-J	C	Shall show short on B-E. Grid short test - Depress B-E together.
6CU6			4	6	20	5	1	1	C-G-H	---	
6CU7		Triode	3	6	30	10	3	4	B	H	
6CU7		Hexode	5	6	0	42	4	4	D-J	H	
6CU8		Pentode	1	6	12	31	2	7	B-J	D	May show short on H.
6CU8		Triode	6	6	33	7	2	7	G-H	D	May show short on 1-6.
6CW4			9	6	7	47	10	7	H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6CW5			9	6	0	7	9	6	A-E-F-G	C	May show short on A-E-F-G-H-J.
6CX8		Triode	9	6	28	11	6	6	B	C	
6CX8		Pentode	1	6	20	22	6	6	F-G	C	
6CY5			1	6	20	21	6	6	E-F	C	Shall show short on B-J. Cathode short test - Depress B-J together.
6CY7		Triode-1	1	6	6	45	6	6	E	C	May show short on B-J.
6CY7		Triode-2	2	6	0	41	10	6	B-H-J	C	
6CZ5			8	6	46	30	1	6	G-H	C	Shall show short on B-E. Grid short test - Depress B-E together.
6D1			6	6	15	29	1	6	A-E	C	Shall show short on A-E.
6D4			7	6	0	4	1	6	J	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6D5			4	6	38	6	1	1	B	---	
6D6			7	6	17	33	3	1	B-C	---	
6D7			7	6	11	39	3	1	B-C	---	
6D8		Amp	7	6	15	45	3	1	B-C	---	
6D8		Osc	4	6	33	35	1	1	E	---	
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6D10	5	Triode-1	8	6	30	10	1	5	J	C	
6D10	2	Triode-2	7	6	0	4	1	8	A-G		
6D10	3	Triode-3	8	6	32	10	1	7	D		
6DA4			3	6	0	1	11	4	D	---	
6DA5		Triode	8	6	23	50	10	7	A	D	Shall show short on B-F-G. * Depress B-F-G together, then A. See instructions for eye test.
6DA5		Eye	8	6	0	0	3	7	*	D	
6DA6			9	6	16	10	6	6	A-F	C	May show short on E-H.
6DB5											
6DB6			1	6	13	14	1	6	E-F	C	
6DC6			1	6	10	37	6	6	E-F	C	
6DC8		Pentode	9	6	15	33	8	6	E-H	C	
6DC8		Diode-1	9	6	0	32	10	6	F	C	
6DC8		Diode-2	9	6	0	32	10	6	F	C	
6DE4			4	5	0	2	11	4	D	---	
6DE6			1	6	17	10	1	6	E-F	C	
6DE7		Triode-1	1	6	20	17	8	7	E	D	Shall show short on J-B.
6DE7		Triode-2	1	6	0	4	5	7	J-B-H	D	
6DG6			4	6	4	12	3	1	B-C	---	
6DJ8		Triode-1	1	6	7	8	3	7	E	D	
6DJ8		Triode-2	9	6	7	8	3	7	H	D	
6DK6			1	6	7	38	6	6	E-F	C	
6DL3			1	6	0	5	2	7	A-J	D	Plate short test - Depress A-J together.
6DL5			1	5	0	29	6	6	E-F	C	Grid short test - Depress A-J together.
6DM4			3	6	0	4	12	9	D	---	
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. May show short on A-J.
6DN3			8	6	0	4	2	7	A-J	D	
6DN6			4	6	0	10	6	1	F-G	---	
6DN7		Triode-1	3	6	29	10	7	4	D	---	
6DN7		Triode-2	8	6	8	10	7	4	D	---	
6DQ3	0		5	6	0	5	9	3	C	---	
6DQ4			8	6	0	44	10	9	D	F	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6DQ5											
6DQ6			4	6	8	7	11	1	C-G	---	
6DR4			6	6	15	29	1	6	A-E	C	Shall show short on A-E.
6DR7		Triode-1	1	6	22	25	8	7	E	D	Shall show short on J-B.
6DR7		Triode-2	1	6	0	4	5	7	J-B-H	D	
6DR8		Pentode	9	6	15	33	8	6	E-H	C	
6DR8		Diode-1	9	6	0	38	10	6	A	C	
6DR8		Diode-2	9	6	0	38	10	6	F	C	
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6DS4			9	6	9	45	10	7	H	D	Shall show short on A-J. Grid short test - Depress A-J together.
6DS5			9	6	0	24	6	7	E-F	D	
6DS8		Amp	1	6	8	48	8	6	E-H	C	
6DS8		Osc	9	6	27	10	7	6	H	C	
6DS8		Triode	7	6	27	10	7	6	F	C	
6DT3	0		5	6	0	45	10	3	C	H	
6DT4			4	6	0	0	11	4	D-H	---	May show short on D-H.
											Shall show short on B-E. Grid short test - Depress B-E together.
6DT5			2	6	0	19	8	7	G-H	D	
6DT6			1	6	20	13	1	6	E-F	C	
6DT8		Triode-1	1	6	27	12	7	7	E	D	
6DT8		Triode-2	9	6	27	12	7	7	H	D	
6DU3	0		5	6	0	5	9	3	C	---	
											Read on Diode Scale. Shall show short on C-E-H-J.
6DV4			5	6	0	30	10	6	H-J	B	
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. May show short on A-J. Shall show short on 3-6. Grid short test - Depress 3-6 together.
6DW4			8	6	0	4	2	7	A-J	D	
6DW5			2	4	0	10	7	7	3	4-5	
6DX8		Triode	8	6	32	10	1	7	J	D	
6DX8		Pentode	6	6	11	10	1	7	E-G	D	
6DY5			9	6	3	15	11	7	A-G	D	
6DY7		Pent-1	4	6	15	23	3	1	C-E	---	
6DY7		Pent-2	8	6	15	23	3	1	B-C	---	
6DZ4			2	6	2	11	9	7	A-J	C	Shall show short on A-B-F-J.
6DZ7		Pent-1	4	6	22	17	3	1	C-E	---	
6DZ7		Pent-2	8	6	22	17	3	1	B-C	---	
6DZ8		Triode	8	6	18	28	1	6	G-H	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6DZ8		Pentode	2	6	13	17	1	6	A-E	C	
6E5		Triode	3	6	23	24	1	1	B	---	
6E5		Eye	7	6	0	0	2	1	D-B	---	See instructions for eye test.
6E6		Triode-1	3	6	30	9	1	1	B	---	
6E6		Triode-2	5	6	30	9	1	1	F	---	
6E7			7	6	14	33	3	1	B-C	---	
6E8			7	6	15	50	3	1	B-C	---	
6E8			4	6	31	30	1	1	E	---	
6EA4	2		6	6	50	50	10	8	G	H	Cap goes to top of tube. Shall show short on A-C. OK above Diode arrow.
6EA5			1	6	18	18	6	7	E-F	D	Shall show short on B-J. Cathode short test - Depress B-J together.
6EA7		Triode-1	3	6	31	10	3	4	D	---	
6EA7		Triode-2	8	6	0	6	8	4	J	---	
6EA8		Pentode	9	6	15	34	2	6	B-E	---	
6EA8		Triode	7	6	19	11	2	6	H	---	
6EB5		Diode-1	7	6	0	31	10	7	J	D	
6EB5		Diode-2	7	6	0	31	10	7	B	D	
6EB8		Triode	9	6	35	10	6	7	B	D	
6EB8		Pentode	1	6	7	27	6	7	F-G	D	
6EC4	*		1	6	0	43	10	6	A-F-J	C	* Shall use magnoval adapter. Shall show short on A-F-J. Cap goes to top of tube.
6ED4	*		5	6	0	48	10	6	F	C	* Shall use magnoval adapter. Shall show short on A-B-E-G-H-J. Cap goes to top of tube.
6EF4	3		1	6	0	48	10	7	G	J	Cap goes to top of tube.
6EH4	2		6	6	50	50	10	8	G	H	Shall show short on A-C. Cap goes to top of tube. OK above Diode arrow.
6EH5			8	6	0	22	6	7	F-J	D	Shall show short on B-E. Grid short test - Depress B-E together.
6EH7			9	6	10	10	11	7	A-F	D	Shall show short on B-H. Cathode short test - Depress B-H together.
6EJ4	3		1	6	0	48	10	7	G	J	Shall show short on D-H. Cap goes to top of tube.
6EJ7			9	6	13	10	11	7	A-F	D	Shall show short on B-H. Cathode short test - Depress B-H together.
6EL4			4	6	50	50	1	1	G	A	OK above Diode arrow. Shall show short on B-C-E-F-G.
6EM5			9	6	0	21	8	7	G-H	D	Shall show short on B-E. Grid short test - Depress B-E together.
6EM7		Triode-1	3	6	32	10	1	9	D	F	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6EM7		Triode-2	8	6	0	6	1	9	J	F	
6EN4			4	6	15	30	10	1	D-E-G	A	OK above Diode arrow. Shall show short on B-C-D-E-F-H.
6EQ7		Diode	9	6	0	39	10	7	F	D	
6EQ7		Pentode	9	6	23	10	2	7	A-E	D	
6ER5			2	6	17	10	6	7	E-F	D	Shall show short on A-J. Cathode short test - Depress A-J together.
6ES5			2	6	23	10	6	7	E	D	Shall show short on A-J. Cathode short test - Depress A-J together.
6ES6			1	6	0	6	1	6	E-F	C	
6ES8		Triode-1	1	6	12	10	11	7	E	D	
6ES8		Triode-2	9	6	14	10	11	7	H	D	
6ET6			1	6	0	6	1	6	E-F	C	
6ET7		Pentode	1	6	14	22	6	7	F-G	D	
6ET7		Diode-1	1	6	0	36	10	7	B	D	
6ET7		Diode-2	1	6	0	37	10	7	J	D	
6EU7		Triode-1	6	6	10	35	10	2	A	J	OK above 15 on meter scale.
6EU7		Triode-2	4	6	10	35	10	2	E	J	OK above 15 on meter scale.
6EU8		Triode	9	6	24	10	1	7	B	D	
6EU8		Pentode	1	6	18	10	1	7	G-H	D	
6EV5			1	6	11	20	6	6	E-F	D	Shall show short on B-J. Cathode short test - Depress B-J together.
6EV7		Triode-1	1	6	29	10	1	7	E	D	
6EV7		Triode-2	9	6	29	10	1	7	H	D	
6EW6			1	6	18	31	6	7	E-F	D	
6EW7		Sect-1	1	6	26	10	1	7	E	D	Shall show short on B-J.
6EW7		Sect-2	2	6	0	12	11	7	H	D	Grid short test, Sect 2 - Depress B-J together.
6EX6			4	6	5	6	8	1	F-G	A	
6EY6			4	6	5	10	1	1	B-C	---	
6EZ5			4	6	12	10	3	1	B-C	---	
6EZ8		Triode-1	7	6	31	10	7	6	F	C	
6EZ8		Triode-2	1	6	31	10	1	6	E	C	
6EZ8		Triode-3	9	6	31	10	9	6	B	C	
6F4											
6F5			7	6	12	33	1	1	C	---	
6F6			4	6	25	18	3	1	B-C	---	
6F7		Triode	5	6	28	21	1	1	D	---	
6F7		Pentode	7	6	15	34	3	1	B-C	---	
6F8		Triode-1	7	6	15	16	1	1	B	---	
6F8		Triode-2	4	6	15	16	1	1	E	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6F10			3	6	4	34	5	1	E-F	---	Shall show short on B-H. Cathode short test -
6F19			9	6	5	35	6	6	A-F	C	Depress B-H together.
6F21			1	6	31	10	5	7	E-J	D	
6F22			7	6	17	32	8	6	E-H	C	Shall show short on A-J.
6F26			9	6	5	35	6	6	A-F	C	Shall show short on B-H. Cathode short test -
6F29			9	6	10	10	11	7	A-F	D	Depress B-H together.
6F30			9	6	13	10	11	7	A-F	C	Shall show short on B-E.
6F33			1	6	5	41	6	6	E-F	C	OK above 1/3 scale.
6F35			1	6	10	29	6	6	E-F	C	Shall show short on B-J. Cathode short test -
6FA7		Diode	1	6	0	37	10	7	B	D	Depress B-J together.
6FA7		Tetrode	1	6	10	30	6	7	F-G-H	D	
6FD6			1	6	10	35	6	7	E-F	D	
6FD7		Triode-1	1	6	32	10	1	6	E	D	Shall show short on B-J. Cathode short test -
6FD7		Triode-2	1	6	0	6	1	6	H	D	Depress B-J together.
6FD10			1	5	12	16	1	5	A-B	---	
6FE5			4	6	5	10	3	1	B-C	---	
6FG5			1	6	11	50	1	7	E	D	Shall show short on B-J. Cathode short test -
6FG7		Triode	8	6	25	10	2	7	A-E	D	Depress B-J together. Use Diode scale.
6FG7		Pentode	7	6	19	10	2	7	A-E	D	Shall show short on B-F. Cathode short test -
6FH5											Depress B-F together.
6FH6			4	6	12	19	3	1	C-G	---	
6FH8		Triode	9	6	14	10	12	6	B	C	
6FH8		Tetrode-1	5	6	7	40	1	6	A-G	C	
6FH8		Tetrode-2	5	6	0	43	1	6	A-F	C	Use Diode scale.
6FH8		Tetrode-3	5	6	0	42	1	6	A-H	C	Use Diode scale.
6FJ7		Triode-1	9	6	27	10	1	5	B	C	If panel has a nine-pin socket, Do not use
6FJ7		Triode-2	4	6	7	10	2	8	A	C	grid cap. With G-109 adapter, grid cap goes
6FM7	7	Triode-1	3	6	30	10	9	4	D	E	to G-109 stud.
6FM7	2	Triode-2	4	6	2	6	9	2	A		
6FM8		Triode	6	6	31	10	6	7	G	D	If panel has a nine-pin socket, Do not use
											grid cap. With G-109 adapter, grid cap goes
											to G-109 stud.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6FM8		Diode-1	6	6	0	27	10	7	J	D	
6FM8		Diode-2	6	6	0	27	10	7	E	D	
6FQ5			2	6	12	10	1	7	E	D	Shall show short on A-J. Cathode short test -
6FQ7		Triode-1	1	6	19	15	9	7	E	D	Depress A-J together.
6FQ7		Triode-2	9	6	19	15	9	7	H	D	
6FR7		Triode-1	1	6	15	30	8	7	E	C	Shall show short on J-B.
6FR7		Triode-2	1	6	0	41	10	7	J-B-H	C	
6FS5			1	6	20	47	12	7	E	D	Shall show short on B-J. Cathode short test -
6FV6			1	6	9	10	1	7	E-F	D	Depress B-J together.
6FV8		Triode	8	6	19	10	1	6	J	C	
6FV8		Pentode	7	6	14	35	1	6	A-E	C	
6FW5			8	6	5	10	6	1	D-F	---	
6FW8		Triode-1	1	6	5	10	1	7	E	D	
6FW8		Triode-2	9	6	7	10	1	7	H	D	
6FY5			2	6	13	10	1	7	E	D	Shall show short on A-J. Cathode short test -
6FY7	5	Triode-1	9	6	36	10	1	7	B	E	Depress A-J together.
6FY7	2	Triode-2	4	6	0	5	2	8	A		If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6FY8		Triode	8	6	27	10	8	6	G	C	
6FY8		Pentode	2	6	10	11	1	6	A-E	C	
6G5		Triode	3	6	19	27	1	1	B	---	
6G5		Eye	7	6	0	0	2	1	D-B	---	See instructions for eye test.
6G6			4	6	22	23	3	1	B-C	---	
6G7-S		Pentode	7	6	28	20	3	1	B-C	---	Shall show short on C
6G7-S		Rect-1	7	6	0	5	11	1	D	---	
6G7-S		Rect-2	7	6	0	5	11	1	F	---	
6G11	6	Pent-1	8	6	5	10	2	9	C-B	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6G11	2	Pent-2	4	6	16	50	10	8	F-G		
6GA7	6		3	6	1	5	4	6	C	A	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on F-G.
6GA7	2		5	6	11	7	3	8	C-D	H	
6GB3			4	6	3	10	11	1	C-G	A	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6GB5	*		7	6	0	26	10	6	E-A	C	* Shall use magnoval adapter. Shall show short on A-B-E-F-H-J. Cathode short test - Depress B-F together. OK above 1/3 scale. Cap goes to top of tube.
6GB6			4	6	3	15	11	1	C-G	A	
6GB7			4	6	8	7	11	1	C-G	---	
6GB9			4	6	8	10	11	1	C-G	---	
6GC5			2	6	0	8	7	7	F-G-H	D	Shall show short on B-E-F-H. Grid short test - Depress B-E together. Shall show short on C-F. Screen short test - Depress C-F together. Shall show short on B-F.
6GC6			4	6	0	6	3	1	C-F-G	---	
6GD7		Triode	8	6	9	12	1	6	J	C	
6GD7		Pentode	7	6	5	41	1	6	A-E	C	
6GE5	7		4	6	30	28	7	4	H	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6GE8		Triode	2	6	0	6	8	7	E	D	
6GE8		Pentode	6	6	18	44	8	7	G-H	D	
6GF5	7		4	6	30	25	7	4	H	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. With G-109 adapter, grid cap goes to G-109 stud.
6GF7		Triode-1	7	6	20	27	1	6	F	C	
6GF7		Triode-2	9	6	2	7	1	6	E	C	
6GH8		Triode	7	6	25	10	7	6	H	C	
6GH8		Pentode	9	6	15	33	2	6	B-E	C	
6GJ5			1	6	0	10	9	7	A-H	D	Do not use grid cap. Shall show short on A-E-H-J. Shall show short on B-H.
6GJ7		Triode	7	6	7	8	1	6	F	C	
6GJ7		Pentode	9	6	10	37	1	6	A-E	C	
6GK5			2	6	13	10	1	7	E	D	Shall show short on A-J. Cathode short test - Depress A-J together. Shall show short on B-G.
6GK6			9	6	22	15	6	7	A-F	D	
6GK17			7	6	0	4	1	4	D	---	
6GL7		Triode-1	3	6	15	25	2	4	D	---	
6GL7		Triode-2	8	6	5	5	2	4	J	---	
6GM5			5	6	22	9	1	7	G-H	D	
6GM6			1	6	16	10	7	7	E-F	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6GM8		Triode-1	1	6	0	8	1	7	E	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6GM8		Triode-2	9	6	0	8	1	7	H	D	
6GN8		Triode	9	6	36	10	7	7	B	D	
6GN8		Pentode	1	6	7	10	7	7	F-G	D	
6GQ7		Diode-1	2	6	0	43	10	6	F	C	
6GQ7		Diode-2	2	6	0	43	10	6	E	C	
6GQ7		Diode-3	2	6	0	43	10	6	J	C	
6GS7		Triode	8	6	10	10	1	6	J	C	Shall show short on B-F.
6GS7		Pentode	7	6	5	38	1	6	A-E	C	
6GS8		Sect-1	1	6	21	12	1	6	F-J	C	
6GS8		Sect-2	1	6	21	12	1	6	B-J	C	
6GT5			1	6	0	42	10	7	AE GHJ	D	Shall show short on A-E-H-J.
											Shall show short on B-J. Cathode short test -
											Depress B-J together.
6GU5			1	6	31	9	9	7	E-F	D	
6GU7		Triode-1	1	6	15	10	1	7	E	D	
6GU7		Triode-2	9	6	15	10	1	7	H	D	
											May show short on B-F-G-J. Grid cap goes
											to top of tube.
6GV5	5		8	6	0	6	1	7	B-F	E	Shall show short on E-F.
6GV7		Triode	7	6	15	9	1	6	H	C	
6GV7		Pentode	1	6	5	40	9	6	B-J	C	
6GV8		Triode	9	6	28	10	1	7	H	D	
6GV8		Pentode	7	6	7	13	1	7	A-E	D	
6GW5			7	6	0	42	10	6	B-F	C	Shall show short on B-F.
6GW6			4	6	3	10	11	1	C-G	A	
6GW8		Triode	8	6	35	10	2	7	G	D	
6GW8		Pentode	6	6	15	21	2	7	B-E	D	
6GX6			1	6	6	22	6	7	E-F-J	D	
											Shall show short on B-H. Cathode short test -
											Depress B-H together.
6GX7		Triode	7	6	12	12	1	6	F	C	
6GX7		Pentode	9	6	11	35	1	6	A-E	C	
6GX8		Triode	6	6	12	17	1	6	H	C	
6GX8		Eye	6	6	0	0	12	6	A-E	C	See instructions for eye test.
											If panel has a nine-pin socket, Do not use
											grid cap. With G-109 adapter, grid cap goes
											to G-109 stud. Shall show short on C-G.
6GY5	6		9	6	4	9	11	6	C-G	A	
6GY6			1	6	6	28	6	7	E-F-J	D	
6GY8		Triode-1	7	6	0	26	6	6	E	C	
6GY8		Triode-2	2	6	30	10	6	6	G	C	
6GY8		Triode-3	8	6	30	10	6	6	J	C	
6H4			7	6	0	43	10	1	C	---	
6H5		Triode	3	6	19	27	1	1	B	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6H5		Eye	7	6	0	0	2	1	D-B	---	See instructions for eye test.
6H6		Diode-1	7	6	0	25	10	1	B	---	
6H6		Diode-2	7	6	0	25	10	1	D	---	
6H7S		Triode	7	6	25	39	1	1	E	---	
6H7S		Pentode	4	6	25	21	3	1	B-C	---	
6HA5			1	6	14	10	9	7	E	D	Shall show short on B-J. With socket adapter, grid cap goes to adapter stud.
6HB5	0		2	6	4	5	2	2	A-J	G	
6HB6			9	6	6	9	8	7	A-E-F-G	D	May show short on B-E-F-G.
6HB7		Triode	7	6	24	11	1	6	F	C	Shall show short on B-H.
6HB7		Pentode	9	6	19	11	9	6	A-E	C	
6HC8		Triode	8	6	31	10	1	6	G	C	
6HC8		Pentode	2	6	26	9	5	6	E-A	C	
6HD5	2		4	6	5	9	1	8	A-G	H	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6HD7		Triode	7	6	15	15	1	6	F	C	Shall show short on B-H. Cathode short test - Depress B-H together.
6HD7		Pentode	9	6	9	14	2	6	A-E	C	
6HE5	2		3	6	0	10	1	2	D-F-G	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6HE7	3		3	6	0	5	3	7	D	J	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on D.
6HE7	6		9	6	10	50	10	8	C		
6HF5	2		1	6	2	5	1	2	D-F-G	B	Shall show short on D-F. Grid cap goes to top of tube.
6HF8		Triode	9	6	15	21	1	6	B	C	
6HF8		Pentode	1	6	10	13	11	6	F-G	C	
6HG5			6	6	50	31	1	6	E	C	Shall show short on A-J.
6HG8		Triode	5	6	7	10	2	7	A	D	May show short on B-H. Cathode short test - Depress B-H together.
6HG8		Pentode	9	6	10	10	2	7	F-G	D	
6HJ5	2		4	6	5	9	1	8	A-G	H	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6HJ7		Triode	7	6	10	13	1	6	F	C	Shall show short on B-H. Cathode short test - Depress B-H together. Shall show short on B-H.
6HJ7		Pentode	9	6	0	38	1	6	A-E	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6HJ8		Pentode	9	6	8	35	2	7	E-B	D	
6HJ8		Diode	7	6	0	43	10	7	F	D	
6HK5			1	6	27	13	11	7	E	D	Shall show short on B-J.
6HL5			6	6	0	16	7	6	A-G	C	Shall show short on H-J.
											*Fil Cont - Depress C then D; then both C-D together. Shall show short on B-G.
6HL7			9	6	9	25	6	5	A-F	*	
6HL8		Triode	7	6	14	5	8	6	G	C	
6HL8		Pentode	9	6	9	32	2	6	B-E	C	
6HM5			1	6	13	11	2	7	E	D	Shall show short on B-J.
6HM6			9	6	7	30	6	6	A-F	C	Shall show short on B-H.
6HQ5			1	6	10	11	1	6	E	C	Shall show short on B-J.
6HR5			6	6	50	30	1	6	E	C	Shall show short on A-J.
6HR6			1	6	5	10	1	6	B-E-F	C	
6HS5	0		9	6	5	33	2	2	A	G	
6HS6			1	6	12	30	6	7	E-F	D	
6HS8		Pent-1	1	6	38	10	1	7	F-J	D	
6HS8		Pent-2	1	6	38	10	1	7	B-J	D	
6HT6			9	6	7	11	2	6	F-G	C	Shall show short on B-H.
6HU8		Pent-1	9	6	10	22	8	6	B-H-J	C	
6HU8		Pent-2	5	6	10	22	7	6	F-G	C	
6HV5	0		9	6	5	33	2	2	A	G	
6HW8			5	6	50	50	2	7	F-G-H-J	D	OK above 1/4 scale.
6HZ5	0		9	6	6	33	2	2	A	G	
6HZ6			1	6	25	10	5	7	E-F	D	
6HZ8		Triode	9	6	26	10	1	7	B	D	
6HZ8		Pentode	1	6	5	9	1	7	F-G	D	
											Shall show short on A-E-F. Grid short test - Depress A-E-F together.
6J4			8	6	0	18	1	6	J	C	
6J5			4	6	15	15	1	1	B	---	
6J6		Triode-1	5	6	16	13	7	6	B	C	
6J6		Triode-2	6	6	16	13	7	6	A	C	
6J7			7	6	10	39	3	1	B-C	---	
6J8		Triode	4	6	20	18	1	1	E	---	
6J8		Heptode	7	6	7	50	3	1	B-C	---	OK above 1/3 scale.
6J9		Triode-1	9	6	0	43	10	6	A	C	
6J9		Triode-2	9	6	0	43	10	6	J	C	
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6J10	6	Pent-1	3	6	30	41	2	9	J	D	
6J10	0	Pent-2	1	6	2	27	2	2	C-J		

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6J11	2	Pent-2	1	6	13	33	3	2	C-D	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6J11	8	Pent-1	5	6	13	33	9	3	C-J		
6JA5	2		3	6	0	9	1	2	D-F-G	B	
6JA8		Triode	9	6	30	10	6	7	B	D	
6JA8		Tetrode	1	6	7	27	6	7	F-G	D	
6JB5	2		3	6	0	10	1	2	D-F-G	D	
6JB6			1	6	0	6	4	6	A-G-H	C	Shall show short on A-E-H-J. Grid cap goes to top of tube.
6JC5	2		3	6	0	12	1	2	D-F-G	G	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6JC6			9	6	5	30	6	7	A-F	D	Shall show short on B-H.
6JC8		Triode	6	6	28	9	1	7	G	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
6JC8		Pentode	9	6	29	10	3	7	B-E	D	
6JD5	0		9	6	6	33	2	2	A	G	
6JD6			9	6	5	30	6	7	A-F	D	
6JE6			1	6	0	6	4	6	A-G-H	C	Shall show short on B-H. Shall show short on A-E-H-J. Cap goes to top of tube.
6JE8		Triode	9	6	27	10	1	7	B	D	
6JE8		Pentode	1	6	7	10	1	7	F-G	D	
6JF6			7	6	0	6	1	7	A-H	D	
6JG5			5	6	8	7	9	6	A-F-G	C	Shall show short on A-E-H-J. Cap goes to top of tube.
6JG6			9	6	2	6	7	7	A-G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
6JH5	0		5	6	4	29	9	2	A-F-J	G	Shall show short on A-F. Plate short test - Depress A-F together.
6JH6			1	6	31	10	11	7	E-F-J	D	
6JH8		Sect-1	5	6	36	10	1	7	B-G	D	
6JH8		Sect-2	5	6	36	10	1	7	B-F	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6JK5	0		5	6	4	29	9	2	A-F-J	G	Shall show short on A-F. Plate short test - Depress A-F together.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6JK6			1	6	7	11	2	7	F-J	D	
6JK8		Triode-1	1	6	19	10	1	7	E	D	With G-109 adapter, grid cap goes to G-109 stud.
6JK8		Triode-2	9	6	14	10	1	7	H	D	
6JL6			1	6	8	10	11	7	F-J	D	
6JM6	3		6	6	15	28	5	1	A-G	C	Grid cap goes to top of tube.
6JN6	5		2	6	18	28	6	5	G-J	C	Shall show short on G-J individually.
6JN8		Triode	8	6	11	12	1	7	J	D	
6JN8		Pentode	7	6	5	36	1	7	A-E	D	
6JQ6		Pentode	1	6	0	7	1	6	B-H-J	C	Shall show short on A-F. May show short on B-J.
6JQ6		Diode	1	6	0	10	11	6	E	C	
6JR6			9	6	5	7	7	7	A-G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
6JS6	3		6	6	7	5	5	7	E-G-H	J	Shall show short on E-H. Cap goes to top of tube.
6JT6			9	6	3	7	7	7	A-G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
6JT8		Triode	9	6	20	20	1	6	B	C	
6JT8		Pentode	1	6	8	10	11	6	F-G	C	
6JU6			7	6	0	6	1	7	A-H	D	Shall show short on A-E-H-J. Grid cap goes to top of tube.
6JV8		Triode	9	6	28	10	9	7	B	D	
6JV8		Pentode	1	6	7	11	9	7	F-G	D	
6JW8		Triode	7	6	15	21	1	6	H	C	
6JW8		Pentode	9	6	7	38	2	6	B-E	C	
6JX8		Triode	7	6	9	27	1	6	F	C	
6JX8		Heptode	9	6	15	35	7	6	E-H	C	
6JY8		Triode	9	6	19	13	1	6	B	C	
6JY8		Pentode	1	6	9	20	11	6	F-G	C	
6JZ6	3		6	6	15	21	5	7	E-G-H	J	Cap goes to top of tube.
6JZ8	7	Pentode	8	6	12	47	10	4	J	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6JZ8	5	Triode	9	6	10	25	2	5	A		
6K5			7	6	11	31	1	1	B	---	
6K6			4	6	26	19	3	1	B-C	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6K7			7	6	16	33	3	1	B-C	---	
6K8		Triode	4	6	28	15	1	1	E	---	
6K8		Heptode	7	6	9	50	3	1	B-C	---	OK above 1/3 scale.
6K11	5	Triode-1	8	6	28	10	1	5	J	C	
6K11	2	Triode-2	7	6	32	10	12	8	A		
6K11	3	Triode-3	8	6	32	10	12	7	D		
6KA8		Triode	9	6	33	10	11	6	H	C	
6KA8		Pentode	5	6	34	10	11	6	F-G	C	
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-F-H-J.
6KD6	4		1	6	0	43	10	8	G	D	
6KD8		Triode	7	6	25	10	7	6	H	C	
6KD8		Pentode	9	6	15	36	2	6	B-E	C	
6KE8		Triode	7	6	33	10	11	6	H	C	
6KE8		Pentode	9	6	15	10	9	6	B-E	C	
6KF8		Pent-1	1	6	10	17	1	6	F-J	C	
6KF8		Pent-2	1	6	10	17	1	6	B-J	C	
6KH8			2	6	31	12	1	6	G-H	C	
6KH8			2	6	31	12	1	6	B-G	C	
6KL8		Pentode	9	6	26	11	7	7	A-E	D	
6KL8		Diode	9	6	0	34	10	7	F	D	
											Shall show short on E-J. Cap goes to top of tube.
6KM6			5	6	0	43	10	6	E-J	C	
6KM8		Diode	1	6	0	35	10	7	B	D	OK above 1/3 scale.
6KM8		Tetrode-1	1	6	27	10	2	7	F-H	D	
6KM8		Tetrode-2	1	6	27	10	2	7	F-J	D	
6KM8		Tetrode-3	1	6	27	10	2	7	F-G	D	
											Shall show short on C-G. Cap goes to top of tube.
6KN6	6		9	6	10	5	2	6	C-G	A	
6KN8		Triode-1	1	6	10	9	1	7	E	D	
6KN8		Triode-2	9	6	10	9	1	7	H	D	
6KR8		Triode	9	6	12	14	1	6	B	C	
6KR8		Pentode	1	6	7	21	6	6	F-G	C	
6KS6			8	6	0	22	1	6	E-J	C	
6KS8		Triode	9	6	11	25	1	6	B	C	
6KS8		Pentode	1	6	7	21	11	6	F-G	C	
6KT6			9	6	5	32	6	6	A-F	C	Shall show short on B-H.
6KT8		Triode	9	6	14	18	1	6	B	C	
6KT8		Pentode	1	6	7	33	6	6	F-G	C	
6KU8		Diode-1	1	6	0	31	10	6	B	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6KU8		Diode-2	1	6	0	31	10	6	J	C	
6KV6			9	6	5	6	7	7	A-G-H	D	Shall show short on A-H.
6KV8		Triode	9	6	33	10	1	6	B	C	
6KV8		Pentode	1	6	8	10	11	6	F-G	C	
6KX8		Triode-1	7	6	19	30	2	6	A	C	
6KX8		Triode-2	8	6	19	27	1	6	B	C	
6KY6			9	6	5	22	6	7	A-F	D	Shall show short on B-G.
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6KY8		Triode	7	6	20	22	1	6	F	C	
6KY8		Pentode	9	6	5	15	1	6	A-E	C	
6KZ8		Pentode	9	6	8	35	1	7	A-E	D	
6KZ8		Triode	7	6	24	10	1	7	H	D	
6L5			4	6	16	16	1	1	B	---	
6L6			4	6	9	12	3	1	B-C	---	
6L7		Input	7	6	25	11	1	1	C	---	
6L7		Output	4	6	12	50	3	1	B-C	---	OK above 1/3 scale.
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-F-H-J.
6LB6	4		1	6	0	43	10	8	G	D	Cap goes to top of tube.
6LB8		Triode	9	6	21	10	1	7	B	D	
6LB8		Pentode	1	6	2	10	2	7	F-B	D	
											May show short on B-C-H. OK above Diode arrow.
6LC6			4	6	50	50	1	1	G	---	
6LC8		Triode	9	6	29	10	1	7	H	D	May show short on B.
6LC8		Pentode	5	6	29	10	2	7	F-G	D	
6LD6			9	6	5	10	8	7	A-E-F	D	
6LE8		Pent-1	7	6	10	45	6	6	F-H	C	
6LE8		Pent-2	7	6	10	45	6	6	E-F	C	
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-F-H-J.
6LF6	4		1	6	0	46	10	8	G	D	
6LF8		Triode	9	6	31	10	1	6	B	C	
6LF8		Pentode	1	6	23	11	11	6	F-G	C	
											Screen short test - Depress A-J together.
6LG6	4		1	6	0	5	3	6	G	B	Cathode short test - Depress F-H together.
											May show short on B-C-H. OK above Diode arrow.
6LH6			4	6	50	50	1	1	G	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6LJ6			6	6	30	50	1	1	G	---	May show short on B-C-H. OK above Diode arrow.
6LJ8		Triode	8	6	15	12	1	6	J	C	Shall show short on B-F.
6LJ8		Pentode	7	6	5	34	1	6	A-E	C	
6LM8		Triode	7	6	20	10	5	7	H	D	
6LM8		Pentode	9	6	15	10	5	7	B-E	D	
6LN8		Triode	7	5	13	14	6	7	H	D	
6LN8		Pentode	9	5	13	5	2	7	B-E-J	D	
6LQ6			1	6	0	6	4	6	A-G-H	C	May show short on A-E-H-J. Cap goes to top of tube.
6LQ8		Triode	9	6	12	13	5	6	B	C	
6LQ8		Pentode	1	6	7	20	6	6	F-G	C	
6LR6	3		6	6	7	6	5	7	E-G-H	J	Shall show short on E-H. Cap goes to top of tube. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6LR8		Triode	7	6	12	15	1	6	F	C	
6LR8		Pentode	9	6	5	13	1	6	A-E	C	
6LT8		Diode-1	7	6	0	43	10	6	F	C	May show short on H.
6LT8		Diode-2	7	6	0	43	10	6	E	C	
6LT8		Pentode	7	6	7	34	9	6	B-J	C	
6LU6			6	6	45	40	11	6	D-E-H	C	
6LU8	5	Triode	9	6	10	16	2	5	A	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on H-J.
6LU8	8	Pentode	2	6	0	43	10	3	H-J		
6LV6	4		1	6	0	46	10	8	G	D	Shall show short on A-F-H-J.
6LW6			5	6	20	6	1	4	B-G	---	May show short on D-E-H-J.
6LX6	3		6	6	7	5	5	7	E-G-H	J	Shall show short on E-H. Cap goes to top of tube.
6LX8		Triode	7	6	14	17	1	6	H	C	
6LX8		Pentode	9	6	7	35	2	6	B-E	C	
6LY8		Triode	9	6	14	31	1	6	B	C	
6LY8		Pentode	1	6	8	8	7	6	F-G	C	
6LZ6			1	6	0	46	10	7	AEHGJ	D	Shall show short on A-E-H-J.
6M3			3	6	0	4	3	4	A-B-D	J	Shall show short on A-B-D-H.. Plate short test - Depress A-B-D together.
6M11	8	Triode-1	2	6	30	10	6	3	J	H	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6M11	2	Triode-2	1	6	30	10	9	8	F		
6M11	5	Pentode	1	6	5	37	6	5	B-F		
6MA6			2	6	14	20	11	8	E-G	---	Shall show short on C-D-F-J. OK above 1/3 scale.
6MB6	6		2	6	8	6	11	6	B-C-G	A	Shall show short on C-G. Cap goes to top of tube.
6MB8		Triode	8	6	12	13	1	6	J	C	
6MB8		Pentode	7	6	5	33	1	6	A-E	C	
											Shall show short on A-E-H-J. Grid short test - Depress E-J together. Screen short test - Depress A-H together. Grid cap goes to top of tube.
6MC6			2	6	16	9	9	6	AEGHJ	C	
6MD8		Triode-1	5	6	9	14	1	6	B	C	
6MD8		Triode-2	6	6	9	14	1	6	J	C	
6MD8		Triode-3	7	6	9	14	1	6	H	C	
											Shall show short on A-E-H-J. Grid short test - Depress E-J together. Screen short test - Depress A-H together. Grid cap goes to top of tube.
6ME6			2	6	28	21	11	6	AEGHJ	C	
6ME8		Sect-1	5	6	15	19	1	7	B-G	D	
6ME8		Sect-2	5	6	15	19	1	7	B-F	D	
6MF8	7	Pentode	8	6	15	49	10	4	J	E	
6MF8	5	Triode	9	6	10	17	2	5	A		
6MG8		Triode	7	6	15	23	11	6	H	C	
6MH1 - ?			8	6	0	18	1	6	J	C	Shall show short on A-E-F. Grid short test - Depress A-E-F together.
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-F-H-J.
6MH6	4		1	6	0	46	10	8	G	D	
6MHH3		Triode	5	6	16	13	7	6	B	C	
6MHH3		Triode	6	6	16	13	7	6	A	C	
											Shall show short on A-E-H-J. Cap goes to top of tube.
6MJ6			1	6	0	6	4	6	A-G-H	C	
6MJ8	0	Triode-1	6	6	10	13	1	2	E	G	
6MJ8	4	Triode-2	8	6	10	13	1	8	F		
6MJ8		Triode-3	9	6	10	13	1	8	E		
6MK8		Pent-1	1	6	15	15	1	6	F-J	C	
6MK8		Pent-2	1	6	15	15	1	6	B-J	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6ML4			7	6	0	11	1	6	A-J	C	Shall show short on A-B-F-J. Plate short test - Depress A-J together. Grid short test - Depress B-F together.
6ML8		Triode-1	5	6	15	15	1	6	B	C	
6ML8		Triode-2	6	6	15	15	1	6	J	C	
6ML8		Triode-3	7	6	15	15	1	6	H	C	
6MN8	6		7	6	5	5	12	6	B	A	
6MN8	5		6	6	5	6	12	5	B		
6MN8	0		6	6	6	16	12	3	E		
6MP17			1	6	27	32	2	6	D-E-H	C	
6MP18			6	6	50	30	1	6	E	C	Shall show short on A-J. Grid short test - Depress A-J together.
6MP20			1	6	12	36	6	6	D-E-H	C	
6MQ8		Triode	7	6	29	10	7	6	H	C	
6MQ8		Pentode	9	6	15	33	2	6	B-E	C	
6MU8		Triode	7	6	28	10	7	6	H	C	
6MU8		Pentode	9	6	15	26	2	6	B-E	C	
6MV8		Triode	9	6	16	20	1	6	B	C	
6MV8		Pentode	1	6	14	22	11	6	F-H	C	
6MX8		Triode	7	6	20	22	1	6	F	C	
6MX8		Pentode	9	6	5	15	1	6	A-E	C	
6MY8	5	Triode	9	6	10	16	2	5	A	C	Shall show short on H-J.
6MY8	8	Pentode	2	6	0	43	10	3	H-J		
6N3			2	6	0	7	3	7	G	D	
6N4			7	6	0	18	7	6	E	C	Shall show short on A-B-F-J. Grid short test - Depress A-J together. Cathode short test - Depress B-F together.
6N5		Triode	3	6	24	20	1	1	B	---	
6N5		Eye	7	6	0	0	2	1	D-B	---	See instructions for eye test.
6N6		Input	4	6	20	25	1	1	C	---	
6N6		Output	4	6	20	28	3	1	B-C	---	
6N7		Triode-1	3	6	35	7	1	1	B	---	
6N7		Triode-2	4	6	35	7	1	1	E	---	
6P5			4	6	15	17	1	1	B	---	
6P7		Triode	1	6	28	22	1	1	E	B	
6P7		Pentode	7	6	15	36	4	1	C-D	B	
6PL12		Triode	8	6	32	11	8	7	G	D	
6PL12		Pentode	2	6	23	17	1	7	A-E	D	
6Q4											
6Q5			7	6	0	2	11	1	B-D	---	
6Q7		Triode	7	6	13	30	1	1	B	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6Q7		Diode-1	7	6	0	30	10	1	B	---	
6Q7		Diode-2	7	6	0	30	10	1	C	---	
6Q8			7	6	15	50	3	1	D	---	
6Q8			4	6	31	30	1	1	E	---	
6Q11	5	Triode-1	8	6	25	10	5	5	J	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6Q11		Triode-3	2	6	25	19	5	5	A	C	
6Q11	2	Triode-2	7	6	25	19	5	8	A		
6R4			8	6	11	13	1	6	F	C	
6R6			7	6	17	34	2	1	B-D	---	
6R7		Triode	7	6	18	15	1	1	B	---	
6R7		Diode-1	7	6	0	30	10	1	C	---	
6R7		Diode-2	7	6	0	30	10	1	C	---	
6RA6			8	6	5	5	12	6	A-G-J	C	Shall show short on A-J.
6RA9			1	6	4	5	1	7	A-G-J	D	Shall show short on A-J. Grid short test - Depress A-J together.
6RB11			1	6	4	6	1	7	B-E-G	D	Shall show short on B-E. Grid short test - Depress B-E together.
6RHH2		Triode	1	6	18	11	1	6	E	C	
6RHH2		Triode	9	6	18	11	1	6	H	C	
6RHH8		Triode-1	1	6	10	9	1	7	E	D	
6RHH8		Triode-2	9	6	10	9	1	7	H	D	
6RP15			6	6	0	14	6	6	A-G-J	C	Shall show short on H-J.
6RP22			1	6	0	42	10	6	G-J	C	Shall show short on B-F-G-J.
6S2	*		1	6	0	16	12	2	G	D	* CAUTION - Pins 2-3-4-6-7-8-9 shall be open-circuited before inserting tube in socket.
6S4			8	6	0	23	1	7	G	D	Shall show short on B-E. May show short on A-F-H.
6S7			7	6	17	32	3	1	B-C	---	
6S8		Triode	7	6	12	37	1	4	E	---	May show short on J.
6S8		Diode-1	7	6	0	30	10	4	B	---	
6S8		Diode-2	7	6	0	30	10	4	C	---	
6S8		Diode-3	7	6	0	30	10	4	H	---	
6SA7		Amp	3	6	47	47	6	1	B-F	---	OK above 1/3 scale.
6SA7		Osc	4	6	21	9	1	1	C	---	---
6SB7		Amp	3	6	50	32	6	1	B-F	---	OK above 1/3 scale.
6SB7		Osc	4	6	22	7	1	1	C	---	---
6SC7		Triode-1	3	6	19	27	1	4	D	---	
6SC7		Triode-2	2	6	19	27	1	4	J	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6SD7			3	6	7	36	5	1	E-F	---	
6SF5			2	6	12	32	1	4	D	---	
6SF7		Pentode	9	6	20	32	3	4	C-E	---	
6SF7		Diode	9	6	0	25	10	4	D	---	
6SG7			3	6	9	38	5	1	E-F	---	Cathode short test - Depress B-D together.
6SH7			3	6	10	39	5	1	E-F	---	Cathode short test - Depress B-D together.
6SJ7			3	6	10	39	5	1	E-F	---	
6SK7			3	6	16	33	5	1	E-F	---	
6SL7		Triode-1	8	6	14	30	1	4	J	---	
6SL7		Triode-2	3	6	14	30	1	4	D	---	
6SN7		Triode-1	3	6	15	16	1	4	D	---	
6SN7		Triode-2	8	6	15	16	1	4	J	---	
6SQ7		Triode	9	6	14	34	1	4	E	---	
6SQ7		Diode-1	9	6	0	30	10	4	C	---	
6SQ7		Diode-2	9	6	0	30	10	4	D	---	
6SR7		Triode	9	6	18	15	1	4	E	---	
6SR7		Diode-1	7	6	0	30	10	4	D	---	
6SR7		Diode-2	7	6	0	30	10	4	C	---	
6SS7			3	6	17	30	5	1	E-F	---	
6ST7		Triode	9	6	20	15	1	4	E	---	
6ST7		Diode-1	7	6	0	35	10	4	D	---	
6ST7		Diode-2	7	6	0	35	10	4	C	---	
6SU7		Triode-1	8	6	14	30	1	4	J	---	
6SU7		Triode-2	3	6	14	30	1	4	D	---	
6SV7		Pentode	9	6	7	40	3	4	C-E	---	
6SV7		Diode	9	6	0	25	10	4	D	---	
6SZ7		Triode	9	6	13	30	1	4	E	---	
6SZ7		Diode-1	9	6	0	30	10	4	C	---	
6SZ7		Diode-2	9	6	0	30	10	4	D	---	
6T1			7	6	0	11	1	6	A-J	C	Shall show short on A-B-F-J. Shall show short on A-B-F-J. Plate short test - Depress A-J together. Grid short test - Depress B-F together.
6T4			7	6	0	9	1	6	A-J	C	
6T5		Triode	3	6	19	27	1	1	B	---	
6T5		Eye	7	6	0	0	2	1	D-B	---	See instructions for eye test.
6T6M			7	6	7	30	3	1	B-C	---	
6T7		Triode	7	6	12	35	1	1	B	---	
6T7		Diode-1	7	6	0	35	10	1	C	---	
6T7		Diode-2	7	6	0	35	10	1	D	---	
6T8		Triode	6	6	11	38	2	6	G	C	
6T8		Diode-1	6	6	0	22	10	6	E	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6T8		Diode-2	6	6	0	22	10	6	J	C	
6T8		Diode-3	6	6	0	22	10	6	H	C	
6T9	4	Triode	6	6	32	11	2	8	E	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6T9	8	Pentode	2	6	10	10	1	3	D-E		
6T10	0	Pent-1	2	6	12	23	9	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
6T10	6	Pent-2	8	6	10	20	2	6	B-C		
6U3			2	6	0	7	3	7	G	D	
6U4			7	6	0	4	1	9	D	F	
6U5		Triode	3	6	19	27	1	1	B	---	
6U5		Eye	7	6	0	0	2	1	D-B	---	See instructions for eye test.
6U6			4	6	6	11	3	1	B-C	---	
6U7			7	6	17	33	3	1	B-C	---	
6U8		Triode	7	6	18	11	1	6	H	C	
6U8		Pentode	9	6	12	37	2	6	B-E	C	
6U9		Triode	2	6	0	43	10	6	G	E	Grid cap goes to adapter stud.
6U9		Pentode	2	6	5	37	6	6	A-F	E	
6U10	5	Triode-1	8	6	30	10	8	5	J	C	With G-109 adapter, grid cap goes to G-109 stud. With socket adapter, grid cap goes to adapter stud. With G-109 adapter, grid cap goes to G-109 stud. * NOTE - Pin-9 shall be opencircuited; use G-109 adapter and connect grid cap lead to tube instead of side stud on G-109 adapter. Shall show short on A-J. Plate short test - Depress A-J together.
6U10	0	Triode-2	1	6	36	10	8	2	D		
6U10	3	Triode-3	8	6	28	10	9	7	D		
6V3	*		8	6	0	4	1	6	A-J	C	
6V4		Plate-1	5	6	0	4	11	6	H	C	
6V4		Plate-2	5	6	0	4	11	6	A	C	
6V6			4	6	11	14	3	1	B-C	---	
6V7		Triode	7	6	25	12	1	1	B	---	
6V7		Diode-1	7	6	0	30	10	1	C	---	
6V7		Diode-2	7	6	0	30	10	1	D	---	
6V8		Triode	5	6	6	43	1	6	H	C	
6V8		Diode-1	7	6	0	32	10	6	G	C	
6V8		Diode-2	7	6	0	25	10	6	A	C	
6V8		Diode-3	7	6	0	25	10	6	J	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6V9		Triode	2	6	0	43	10	6	F	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6V9		Heptode	2	6	28	45	10	6	A-C	E	
6W4			7	5	0	4	1	4	D	---	Allow sufficient heater warm up time.
6W5		Plate-1	7	6	0	2	11	1	B	---	
6W5		Plate-2	7	6	0	2	11	1	D	---	
6W6			4	6	8	9	3	1	B-C	---	
6W7			7	6	13	33	3	1	B-C	---	
6X2											
6X4		Plate-1	2	6	0	3	11	6	A	C	Grid cap goes to adapter stud.
6X4		Plate-2	2	6	0	3	11	6	F	C	
6X5		Plate-1	7	6	0	3	11	1	B	---	
6X5		Plate-2	7	6	0	3	11	1	D	---	
6X8		Triode	9	6	19	11	1	6	B	C	
6X8		Pentode	1	6	13	13	1	6	F-G	C	
6X9		Triode	2	6	0	43	10	6	G	E	
6X9		Pentode	2	6	5	38	6	6	A-F	E	
6Y5		Plate-1	7	6	0	3	11	1	C	---	
6Y5		Plate-2	7	6	0	3	11	1	E	---	
6Y6			4	6	5	9	3	1	B-C	---	
6Y7		Triode-1	3	6	33	9	1	1	B	---	
6Y7		Triode-2	4	6	33	9	1	1	E	---	
6Y9		Pent-1	6	6	7	10	2	6	G	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6Y9		Pent-2	8	6	15	26	2	6	B-C	E	
6Y10	0	Pent-1	2	6	12	14	9	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
6Y10	6	Pent-2	8	6	10	26	2	6	B-C		
6Z3			7	6	0	3	11	1	B	---	* Fil Cont - Depress A then B; then A-B together.
6Z4		Plate-1	7	6	0	4	11	1	B	---	
6Z4		Plate-2	7	6	0	4	11	1	C	---	
6Z5		Plate-1	7	6	0	3	11	1	C	*	
6Z5		Plate-2	7	6	0	3	11	1	E	*	
6Z6		Plate-1	7	6	0	4	11	1	B	---	
6Z6		Plate-2	7	6	0	4	11	1	D	---	
6Z7		Triode-1	3	6	33	11	1	1	B	---	
6Z7		Triode-2	4	6	33	11	1	1	E	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6Z10	6	Pent-1	3	6	30	41	2	9	J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
6Z10	9	Pent-2	1	6	2	27	2	2	C-J		
6ZY5		Plate-1	7	6	0	4	11	1	B	---	
6ZY5		Plate-2	7	6	0	4	11	1	D	---	
7A4			5	6	15	15	1	1	B	---	
7A5			5	6	8	11	3	1	B-C	---	
7A6		Diode-1	4	6	0	25	10	1	C	---	
7A6		Diode-2	4	6	0	25	10	1	E	---	
7A7			5	6	16	33	3	1	B-C	---	
7A8		Amp	5	6	20	50	7	1	B-G	---	
7A8		Osc	4	6	25	50	1	1	C	---	Cathode short test - Depress A-D-E together.
7AB7			7	6	15	31	9	4	C-J	B	
7AD7			5	6	4	30	3	1	B-C	---	
7AF7		Triode-1	7	6	15	15	1	1	E	---	
7AF7		Triode-2	4	6	15	15	1	1	C	---	
7AG7			5	6	8	38	3	1	B-C	---	
7AH7			5	6	10	35	3	1	B-C	---	
7AJ7			5	6	13	36	3	1	B-C	---	
7AK7			5	6	4	29	3	1	B-C	---	
7AN7		Triode-1	5	7	12	10	5	7	G	D	Shall show short on A-F. Cathode short test - Triode-1 - Depress A-F together.
7AN7		Triode-2	9	7	12	10	5	7	B	D	
7AU7		Triode-1	1	4	27	10	2	3	E	*	* Fil Cont - Depress C then D; then both C-D.
7AU7		Triode-2	9	4	27	10	2	3	H	*	* Fil Cont - Depress C then D; then both C-D.
7B4			5	6	12	33	1	1	B	---	Cathode short test - Depress D-F together.
7B5			5	6	26	19	3	1	B-C	---	
7B6		Triode	3	6	12	37	1	1	B	---	
7B6		Diode-1	3	6	0	30	10	1	G	---	
7B6		Diode-2	3	6	0	30	10	1	E	---	
7B7			5	6	19	32	3	1	B-C	---	
7B8		Amp	5	6	15	50	7	1	B-G	---	
7B8		Osc	4	6	31	28	1	1	C	---	
7C4			7	6	0	46	10	1	D	---	
7C5			5	6	11	14	3	1	B-C	---	
7C6		Triode	3	6	20	33	1	1	B	---	Shall show short on D-F. Cathode short test - Depress D-F together.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
7C6		Diode-1	3	6	0	30	10	1	G	---	
7C6		Diode-2	3	6	0	30	10	1	E	---	
7C7			5	6	15	33	3	1	B-C	---	
7CL8		Triode	8	6	31	7	1	6	J	C	
7CL8		Tetrode	7	6	16	28	1	6	A-E	C	
7D10			9	6	20	19	6	7	A-F	D	
7D11			4	6	5	15	3	1	B-C	---	
7DJ8		Triode-1	1	6	5	10	1	6	E	C	
7DJ8		Triode-2	9	6	5	10	9	6	H	C	
7DZ7		Pent-1	4	6	22	17	3	1	C-E	---	
7DZ7		Pent-2	8	6	22	17	3	1	B-C	---	
7E5			7	6	0	28	1	8	C-F	---	Cathode short test - Depress D-E together. Grid short test - Depress G-J together. Plate short test - Depress C-F together. Shall show short on D-F. Cathode short test - Depress D-F together.
7E6		Triode	3	6	18	15	1	1	B	---	
7E6		Diode-1	7	6	0	25	10	1	G	---	
7E6		Diode-2	7	6	0	25	10	1	E	---	
7E7		Pentode	5	6	17	34	7	1	B-G	---	
7E7		Diode-1	7	6	0	25	10	1	C	---	
7E7		Diode-2	7	6	0	25	10	1	D	---	
7ES8		Triode-1	1	7	12	10	11	7	E	D	
7ES8		Triode-2	9	7	14	10	11	7	H	D	
7EY6			4	7	5	10	1	1	B-C	---	
7F7		Triode-1	4	6	14	31	1	1	C	---	
7F7		Triode-2	7	6	14	31	1	1	E	---	
7F8		Triode-1	1	6	13	14	1	8	E	F	
7F8		Triode-2	9	6	13	14	1	8	C	F	
7G7			5	6	5	40	3	1	B-C	---	
7G8		Sect-1	7	6	23	27	3	1	C-F	---	
7G8		Sect-2	4	6	23	27	3	1	B-C	---	
7GS7		Triode	8	7	10	10	1	6	J	C	Shall show short on B-F.
7GS7		Pentode	7	7	5	38	1	6	A-E	C	
7GV7		Triode	7	7	15	9	1	6	H	C	
7GV7		Pentode	1	7	5	40	9	6	B-J	C	
7H7			5	6	11	35	3	1	B-C	---	
7HG8		Triode	5	7	7	10	2	7	A	D	May show short on B-H. Cathode short test - Depress B-H together.
7JHG8		Pentode	9	7	10	10	2	7	F-G	D	
7J7		Hexode	5	6	6	45	7	1	B-G	---	OK above 1/3 scale.
7J7		Triode	4	6	20	18	1	1	C	---	---

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
7K7		Triode	4	6	14	30	1	1	C	---	
7K7		Diode-1	4	6	0	25	10	1	E	---	
7K7		Diode-2	4	6	0	25	10	1	G	---	
7KY6			9	7	5	22	6	7	A-F	D	Shall show short on B-G.
7KZ6			9	7	6	21	6	7	A-F	D	Shall show short on B-G.
7L7			5	6	5	40	3	1	B-C	---	
											Shall show short on A-J. Grid short test - Depress A-J together.
7MP18			6	6	50	30	1	6	E	C	
7N7		Triode-1	4	6	15	16	1	1	C	---	
7N7		Triode-2	7	6	15	16	1	1	E	---	
7Q7		Amp	3	6	47	37	5	1	B-E	---	OK above 1/3 scale.
7Q7		Osc	4	6	21	9	1	1	C	---	
7R7		Pentode	5	6	12	37	7	1	B-G	---	
7R7		Diode-1	7	6	0	25	10	1	D	---	
7R7		Diode-2	7	6	0	25	10	1	C	---	
7S7		Heptode	4	6	28	32	7	1	B-G	---	
7S7		Triode	4	6	28	14	1	1	C	---	
7SC7		Triode-1	3	7	19	27	1	4	D	---	
7SC7		Triode-2	2	7	19	27	1	4	J	---	
7T7			5	6	9	39	3	1	B-C	---	
7V7			5	6	9	40	3	1	B-C	---	
7W7			5	6	10	38	3	1	B-C	---	Cathode short test - Depress D-F together.
7X6		Plate-1	7	6	0	4	1	1	C	---	
7X6		Plate-2	7	6	0	4	1	1	E	---	
7X7		Triode	3	6	13	45	1	1	B	---	
7X7		Diode-1	3	6	0	25	10	1	G	---	
7X7		Diode-2	3	6	0	25	10	1	E	---	
7Y4		Plate-1	7	6	0	4	11	1	C	---	
7Y4		Plate-2	7	6	0	4	11	1	E	---	
7Z4		Plate-1	7	6	0	7	11	1	C	---	
7Z4		Plate-2	7	6	0	7	11	1	E	---	
8A8		Triode	7	7	21	10	7	6	H	C	
8A8		Pentode	9	7	15	33	2	6	B-E	C	
8AC9	0	Diode	2	7	0	43	10	2	J	G	Grid cap goes to adapter stud.
8AC9	7	Pentode	2	7	8	33	3	5	C-D		May show short on B.
											With G-109 adapter, grid cap goes to G-109 stud.
8AC10	5	Triode-1	8	7	9	21	8	5	J	C	With socket adapter, grid cap goes to adapter stud.
8AC10	0	Triode-2	1	7	9	21	8	2	D		With G-109 adapter, grid cap goes to G-109 stud.
8AC10	3	Triode-3	8	7	9	22	9	7	D		

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
8AL9	2	Triode	1	7	13	19	2	2	G	B	With socket adapter, grid cap goes to adapter stud.
8AL9	5	Pentode	2	7	0	5	3	5	A-B		
8AR11	2	Pent-2	1	7	13	35	4	2	C-D	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
8AR11	8	Pent-1	4	7	13	35	3	9	B-C		
8AU8		Triode	9	7	14	16	1	6	B	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
8AU8		Pentode	1	7	9	23	11	6	F-G	C	
8AV11	5	Triode-1	8	6	15	15	7	7	J	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
8AV11		Triode-3	2	6	15	15	9	7	A	E	
8AV11	2	Triode-2	7	6	15	15	5	8	A		If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
8AW8		Triode	9	7	11	20	1	6	B	C	
8AW8		Pentode	1	7	6	19	11	6	F-G	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
8B8		Triode	8	7	32	10	2	7	G	D	
8B8		Pentode	2	7	25	17	1	7	A-E	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
8B10	0	Triode-1	4	7	29	10	1	2	E	G	
8B10		Triode-2	2	7	29	10	1	2	C	G	With socket adapter, grid cap goes to adapter stud.
8B10	6	Diode-1	2	7	0	26	10	9	B		
8B10		Diode-2	2	7	0	26	10	9	H		Grid cap goes to adapter stud.
8BA8		Triode	9	7	23	10	1	6	B	C	
8BA8		Pentode	1	7	5	31	6	6	F-G	C	Grid cap goes to adapter stud.
8BA11	0	Pent-1	3	7	32	8	3	2	B-J	G	
8BA11		Pent-2	3	7	30	10	3	2	B-E	G	Grid cap goes to adapter stud.
8BA11	8	Triode	3	7	27	12	2	9	E		
8BH8		Triode	9	7	19	10	1	6	B	C	Grid cap goes to adapter stud.
8BH8		Pentode	1	7	9	23	11	6	F-G	C	
8BM11	0	Pent-2	5	7	5	38	2	2	B-J	G	Grid cap goes to adapter stud.
8BM11	8	Pent-1	5	7	5	41	3	9	C-J		
8BN8		Triode	6	7	27	10	2	6	A	C	Grid cap goes to adapter stud.
8BN8		Diode-1	6	7	0	25	10	6	E	C	
8BN8		Diode-2	6	7	0	25	10	6	H	C	Grid cap goes to adapter stud.
8BN11	7	Pent-1	8	7	5	40	2	5	B-D	F	
8BN11	2	Pent-2	4	7	5	40	5	2	A-E		Grid cap goes to adapter stud.
8BQ5			7	7	45	32	5	6	A	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
8BQ7		Triode-1	1	7	18	11	1	6	E	C	
8BQ7		Triode-2	9	7	18	11	1	6	H	C	
8BQ11	2	Pent-2	1	7	7	35	4	2	C-D	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
8BQ11	8	Pent-1	4	7	8	35	3	9	B-C		
8BU11	0	Triode-1	3	6	10	16	1	3	B	H	Grid cap goes to adapter stud.
8BU11		Triode-2	5	6	10	16	2	3	A	H	
8BU11	7	Pentode	9	6	10	35	2	5	B-C		
8CB11	2		1	7	13	35	4	2	C-D	B	
8CB11	8		4	7	13	35	3	9	B-C		
8CG7		Triode-1	1	7	16	16	1	6	E	C	
8CG7		Triode-2	9	7	16	16	1	6	H	C	
8CL8		Triode	8	7	31	7	1	6	J	C	
8CL8		Tetrode	7	7	17	28	1	6	A-E	C	
8CM7		Triode-1	1	7	18	15	1	6	E	C	
8CM7		Triode-2	6	7	21	8	1	6	H	C	
8CN7		Triode	1	5	10	38	1	3	F-G	*	* Fil Cont - Depress C then D; then both C-D.
8CN7		Diode-1	1	5	0	25	10	3	J	*	* Fil Cont - Depress C then D; then both C-D.
8CN7		Diode-2	1	5	0	25	10	3	H	*	* Fil Cont - Depress C then D; then both C-D.
8CS7		Triode-1	2	7	25	8	1	6	H	C	
8CS7		Triode-2	1	7	23	14	1	6	E	C	
8CW5			9	7	0	7	9	6	A-E-F-G	C	May show short on A-E-F-G-H-J. Grid short test - Depress H-J together. Screen short test - Depress E-G together. Plate short test - Depress A-F together.
8CX8		Triode	9	7	28	11	6	6	B	C	
8CX8		Pentode	1	7	20	22	6	6	F-G	C	
8CY5			1	7	20	21	6	6	E-F	C	Shall show short on B-J. Cathode short test - Depress B-J together.
8CY7		Triode-1	1	7	6	45	6	6	E	C	
8CY7		Triode-2	2	7	0	41	10	6	B-H-J	C	May show short on B-J.
8D8			7	7	17	35	8	6	E-H	C	
8DX8		Triode	8	7	32	8	1	7	J	D	Shall show short on A-J.
8DX8		Pentode	6	7	11	8	1	7	E-G	D	
8EB8		Triode	9	7	35	10	6	7	B	D	
8EB8		Pentode	1	7	7	27	6	7	F-G	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
8EM5			9	7	0	21	8	7	G-H	D	Shall show short on B-E. Grid short test - Depress B-E together.
8ET7		Pentode	1	7	14	22	6	7	F-G	D	
8ET7		Diode-1	1	7	0	36	10	7	B	D	
8ET7		Diode-2	1	7	0	37	10	7	J	D	
8FE5			4	7	5	10	3	1	B-C	---	
8FQ7		Triode-1	1	7	19	15	9	7	E	D	
8FQ7		Triode-2	9	7	19	15	9	7	H	D	
8FY7	5	Triode-1	9	6	36	10	1	7	B	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
8FY7	2	Triode-2	4	6	0	5	2	8	A		
8GJ7		Triode	7	7	7	8	1	6	F-G	C	
8GJ7		Pentode	9	7	10	37	1	6	A-E	C	
8GM6			1	7	16	10	7	7	E-F	D	
8GN8		Triode	9	7	36	10	7	7	B	D	
8GN8		Pentode	1	7	7	10	7	7	F-G	D	
8GU7		Triode-1	1	7	15	10	1	7	E	D	Shall show short on B-H. Cathode short test - Depress B-H together.
8GU7		Triode-2	9	7	15	10	1	7	H	D	
8GX7		Triode	7	7	12	12	1	6	F-G	C	
8GX7		Pentode	9	7	11	35	1	6	A-E	C	
8HG8		Triode	5	7	7	10	2	7	A	D	
8HG8		Pentode	9	7	10	10	2	7	F-G	D	
8JE8		Triode	9	7	27	10	1	7	B	D	
8JE8		Pentode	1	7	7	10	1	7	F-G	D	With G-109 adapter, grid cap goes to G-109 stud.
8JK8		Diode-1	1	7	19	10	1	7	E	D	
8JK8		Diode-2	9	7	14	10	1	7	H	D	
8JT8		Triode	9	7	20	10	1	6	B	C	
8JT8		Pentode	1	7	8	10	11	6	F-G	C	
8JU8		Diode-1	1	7	0	42	10	7	A-F	D	
8JU8		Diode-2	1	7	0	42	10	7	A	D	
8JU8		Diode-3	1	7	0	42	10	7	H-J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
8JU8		Diode-4	1	7	0	42	10	7	H	D	
8JV8		Triode	9	7	28	10	9	7	B	D	
8JV8		Pentode	1	7	7	11	9	7	F-G	D	
8K11	5	Triode-1	8	7	28	10	1	5	J	C	
8K11	2	Triode-2	7	7	32	10	12	8	A		

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
8K11	3	Triode-3	8	7	32	10	12	7	D		
8KA8		Triode	9	7	33	10	11	6	H	C	
8KA8		Pentode	5	7	34	10	11	6	F-G	C	
8KR8		Triode	9	7	12	14	1	6	B	C	
8KR8		Pentode	1	7	7	21	6	6	F-G	C	
8KS8		Triode	9	7	11	25	1	6	B	C	
8KS8		Pentode	1	7	7	21	11	6	F-G	C	
8KT8		Triode	9	7	14	18	1	6	B	C	
8KT8		Pentode	1	7	7	33	6	6	F-G	C	
8LC8		Triode	9	7	29	10	1	7	H	D	
8LC8		Pentode	5	7	29	10	2	7	F-G	D	May show short on 3. ?
8LE8		Pent-1	7	7	10	45	6	6	F-H	C	OK above 1/3 scale.
8LE8		Pent-2	7	7	10	45	6	6	E-F	C	
8LS6			9	7	5	31	6	7	A-F	D	Shall show short on B-G.
8LT8		Diode-1	7	7	0	43	10	6	F	C	May show short on H.
8LT8		Diode-2	7	7	0	43	10	6	E	C	
8LT8		Pentode	7	7	7	34	9	6	B-J	C	
8LX8		Pentode	9	7	7	35	2	6	B-E	C	
8LX8		Triode	7	7	14	17	1	6	H	C	
8MD8		Triode-1	5	7	9	14	1	6	B	C	
8MD8		Triode-2	6	7	9	14	1	6	J	C	
8MD8		Triode-3	7	7	9	14	1	6	H	C	
8MU8		Triode	7	7	28	10	7	6	H	C	
8MU8		Pentode	9	7	15	26	2	6	B-E	C	
8MV8		Triode	9	7	16	20	1	6	B	C	
8MV8		Pentode	1	7	14	22	11	6	F-G	C	
8RHP1		Triode	8	7	32	10	2	7	G-H	D	
8RHP1		Pentode	2	7	25	17	1	7	A-E	D	
8U9		Triode	2	7	0	43	10	6	G-H	E	Grid cap goes to adapter stud.
8U9		Pentode	2	7	5	37	6	6	A-F	E	
8X9		Triode	2	7	0	43	10	6	G-H	E	Grid cap goes to adapter stud.
8X9		Pentode	2	7	5	38	6	6	A-F	E	
9A8		Triode	7	7	10	47	10	7	H	D	
9A8		Pentode	9	7	10	47	10	7	B-E	D	
9AB4			6	7	27	10	12	8	A	D	
9AH9	0		9	7	12	14	1	2	B	G	
9AH9	7		7	7	25	9	4	2	D-J		Shall show short on D-E.
9AK8		Triode	6	7	13	30	6	7	G-H	D	
9AK8		Diode-1	6	7	0	33	10	7	E	D	
9AK8		Diode-2	6	7	0	27	10	7	J	D	
9AK8		Diode-3	6	7	0	27	10	7	H	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
9AK10	0	Triode-2	6	7	3	22	1	2	A-D	G	
9AK10	6	Triode-1	6	7	3	23	3	6	C-F		
9AK10	8	Triode-3	6	7	3	18	3	3	C-D		
9AM10	5	Triode-1	8	7	9	21	8	5	J	C	With G-109 adapter, grid cap goes to G-109 stud.
9AM10	0	Triode-2	1	7	9	21	8	2	D		With socket adapter, grid cap goes to adapter stud.
9AM10	3	Triode-3	8	7	9	22	9	7	D		With G-109 adapter, grid cap goes to G-109 stud.
9AQ8		Triode-1	1	7	25	10	1	7	E	D	
9AQ8		Triode-2	9	7	25	10	1	7	H	D	
9BJ11	0	Pent-2	5	7	5	38	2	2	B-J	G	Grid cap goes to adapter stud.
9BJ11	8	Pent-1	5	7	5	19	2	9	C-J		
9BR7		Triode	9	5	14	18	1	3	H	*	* Fil Cont - Depress C then D; then both C-D.
9BR7		Diode-1	9	5	0	25	10	3	A	*	* Fil Cont - Depress C then D; then both C-D.
9BR7		Diode-2	9	5	0	25	10	3	E	*	* Fil Cont - Depress C then D; then both C-D.
9CG8		Triode	8	7	19	11	1	6	J	C	
9CG8		Pentode	7	7	6	38	1	6	A-E	C	Shall show short on B-F.
9DZ8		Triode	8	7	18	28	1	6	G-H	C	
9DZ8		Pentode	2	7	13	17	1	6	A-E	C	
9EA8		Triode	7	7	19	11	2	6	H	C	
9EA8		Pentode	9	7	15	34	2	6	B-E	C	
9ED4	*		5	7	0	48	10	6	F	C	* Shall use magnoval adapter. Shall show short on A-B-E-G-H-J. Cap goes to top of tube.
9GH8		Triode	7	7	25	10	7	6	H	C	
9GH8		Pentode	9	7	15	33	2	6	B-E	C	
9GV7		Triode	7	7	15	9	1	6	H	C	Shall show short on E-F.
9GV7		Pentode	1	7	5	40	9	6	B-J	C	
9GV8		Triode	9	7	28	10	1	7	H	D	
9GV8		Pentode	7	7	7	13	1	7	A-E	D	
9JW8		Triode	7	7	15	21	1	6	H	C	
9JW8		Pentode	9	7	7	38	2	6	B-E	C	
9KC6			9	7	5	34	7	6	A-G	C	
9KV8		Triode	9	7	33	10	1	6	B	C	
9KV8		Pentode	1	7	8	10	11	6	F-G	C	
9KX6			9	7	5	24	6	7	A-F	D	Shall show short on B-G.
9KZ8		Pentode	9	7	8	35	1	7	A-E	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
9KZ8		Triode	7	7	24	10	1	7	H	D	
9MD8		Triode-1	5	7	9	14	1	6	B	C	
9MD8		Triode-2	6	7	9	14	1	6	J	C	
9MD8		Triode-3	7	7	9	14	1	6	H	C	
9MHH3		Triode	5	7	16	13	7	6	B	C	
9MHH3		Triode	6	7	16	13	7	6	A	C	
9ML8		Triode-1	5	7	15	15	1	6	B	---	
9ML8		Triode-2	6	7	15	15	1	6	J	---	
9ML8		Triode-3	7	7	15	15	1	6	H	---	
9MN8	6		7	7	5	5	12	6	B	A	
9MN8	5		6	7	5	6	12	5	B		
9MN8	0		6	7	6	16	12	3	E		
9MP12			1	7	5	28	6	6	E-F	C	
9RA6			8	7	5	5	12	6	A-G-J	C	Shall show short on A-J. Grid short test - Depress A-J together.
9RAL1		Triode-1	1	7	10	20	1	6	E	C	
9RAL1		Triode-2	1	7	0	13	1	6	H	C	
9RHR2		Triode	7	7	25	10	7	6	H	C	
9RHR2		Pentode	9	7	15	33	2	6	B-E	C	
9LA6			9	7	5	25	6	7	A-F	D	
9V9		Triode	2	7	0	43	10	6	F	E	
9V9		Heptode	2	7	28	45	10	6	A-C	E	
10			3	7	30	10	1	1	B	---	
10AF11	0	Triode-1	5	7	18	15	9	2	F	G	Grid cap goes to adapter stud.
10AF11		Triode-2	2	7	9	25	9	2	C	G	
10AF11	5	Pentode	2	7	25	37	9	5	A		
10AL11	2	Pent-1	4	7	24	10	1	2	E-F-G	B	
10AL11	6	Pent-2	8	7	15	10	1	6	B-C		
10BQ5											
10C8		Triode	9	8	41	7	1	6	H	C	
10C8		Pentode	6	8	18	29	1	6	A-E	C	
10CW5			9	7	0	7	9	6	A-E-F-G	C	May show short on A-E-F-G-H-J. Shall show short on B-J. Grid short test - Depress B-J together.
10DE7		Triode-1	1	8	27	10	3	7	E	D	
10DE7		Triode-2	9	8	0	12	11	7	H	D	
10DR7		Triode-1	1	6	20	27	1	7	E	D	Shall show short on B-J. Grid short test - Depress B-J together.
10DR7		Triode-2	9	6	0	7	9	7	H	D	
10DX8		Triode	8	8	32	8	1	7	J	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
10DX8		Pentode	6	8	11	8	1	7	E-G	D	
10EB8		Triode	9	8	35	10	6	7	B	D	
10EB8		Pentode	1	8	7	27	6	7	F-G	D	
10EG7		Triode-1	3	8	26	10	3	9	D	F	
10EG7		Triode-2	8	8	0	5	3	9	J	F	
10EM7		Triode-1	3	7	32	10	1	9	D	F	
10EM7		Triode-2	8	7	0	6	1	9	J	F	
10EW7		Sect-1	1	7	26	10	1	7	E	D	Shall show short on B-J.
10EW7		Sect-2	2	7	0	12	11	7	H	D	Grid short test, Section 2 - Depress B-J together.
10FD7		Triode-1	1	7	32	10	1	6	E	D	Shall show short on B-J. Grid short test - Depress B-J together.
10FD7		Triode-2	1	7	0	6	1	6	H	D	
10FD12		Pentode	9	6	15	33	8	6	E-H	---	
10FD12		Diode-1	9	6	0	32	10	6	A	---	
10FD12		Diode-2	9	6	0	32	10	6	F-G	---	
10FR7		Triode-1	1	7	15	30	8	7	E	D	Shall show short on J-B.
10FR7		Triode-2	1	7	0	41	10	7	J-B-H	D	
10GF7		Triode-1	7	7	21	28	1	6	F-G	C	With G-109 adapter, grid cap goes to G-109 stud.
10GF7		Triode-2	9	7	3	8	1	6	E	C	
10GH8		Triode	7	8	25	10	7	6	H	C	
10GH8		Pentode	9	8	15	33	2	6	B-E	C	
10GK6			9	7	22	15	6	7	A-F	D	Shall show short on B-G.
10GN8		Triode	9	8	36	10	7	7	B	D	
10GN8		Pentode	1	8	7	10	7	7	F-G	D	
10GV8		Triode	9	7	28	10	1	7	H	D	
10GV8		Pentode	7	7	7	13	1	7	A-E	D	
10HF8		Triode	9	8	15	21	1	6	B	C	
10HF8		Pentode	1	8	10	13	11	6	F-G	C	
10JA5	2		3	7	0	9	1	2	F-G-D	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
10JA8		Triode	9	8	30	10	6	7	B	D	
10JA8		Tetrode	1	8	7	27	6	7	F-G	D	
10JT8		Triode	9	7	20	20	1	6	B	C	
10JT8		Pentode	1	7	8	10	11	6	F-G	C	
10JY8		Triode	9	8	12	10	1	6	B	---	
10JY8		Pentode	1	8	5	9	2	6	F-G	---	
10KR8		Triode	9	7	12	14	1	6	B	C	
10KR8		Pentode	1	7	7	21	6	6	F-G	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
10KU8		Diode-1	1	7	0	31	10	6	B	C	
10KU8		Diode-2	1	7	0	31	10	6	J	C	
10KU8		Pentode	1	7	20	21	6	6	F-G	C	
10L14		Triode-1	1	9	25	11	1	7	E	D	
10L14		Triode-2	9	9	25	11	9	7	H	D	
10LB8		Triode	9	7	21	10	1	7	B	D	
10LB8		Pentode	1	7	2	10	2	7	F-G	D	
10LD6			9	7	5	10	8	7	A-E-F	D	May show short on B-E-F-G.
10LD12		Triode	6	9	34	12	6	7	G-H	---	
10LD12		Diode-1	6	9	0	38	10	7	E	---	
10LD12		Diode-2	6	9	0	43	10	7	J	---	
10LD12		Diode-3	6	9	0	43	10	7	H	---	
10LD13		Triode	9	8	35	10	9	7	H	D	May show short on A-G.
10LD13		Diode-1	9	8	0	35	10	7	F	D	
10LD13		Diode-2	9	8	0	35	10	7	E	D	
10LE8		Pent-1	7	7	10	45	6	6	F-H	C	OK above 1/3 scale.
10LE8		Pent-2	7	7	10	45	6	6	E-H	C	OK above 1/3 scale.
10LM8		Triode	7	7	20	10	5	7	H	D	
10LM8		Pentode	9	7	15	10	5	7	B-E	D	
10LW8		Triode	9	7	16	46	10	6	B	C	
10LW8		Pentode	1	7	10	46	10	6	F-G	C	
10LY8		Triode	9	7	14	31	1	6	B	C	
10LY8		Pentode	1	6	8	8	7	6	F-G	C	
10LZ8		Triode	9	7	20	25	1	6	B	G	
10LZ8		Pentode	1	7	15	17	11	6	F-G	G	
10P18			9	11	0	7	6	7	A-E-F-G	D	May show short on E-F-G-H.
10T10	0	Pent-1	2	7	12	23	9	2	A-E	G	
10T10	6	Pent-2	8	7	10	20	2	6	B-C		With socket adapter, grid cap goes to adapter stud. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
10Z10	6	Pent-1	3	7	30	41	2	9	J	D	
10Z10	0	Pent-2	1	7	2	40	2	9	C-J		
11AF9		Pent-1	6	8	7	10	2	6	G-H	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter. May show short on J.
11AF9		Pent-2	8	8	15	26	2	6	B-C	E	
11AR11	2	Pent-2	1	8	13	35	4	2	C-D	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
11AR11	8	Pent-1	4	8	13	35	3	9	B-C		
11BM8		Triode	8	8	32	11	8	7	G	D	
11BM8		Pentode	2	8	23	17	1	7	A-E	D	
11BN11	7	Pent-1	8	8	5	40	2	5	B-D	F	
11BN11	2	Pent-2	4	8	5	40	5	2	A-E		
11BQ11	2	Pent-2	1	8	7	35	4	2	C-D	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
11BQ11	8	Pent-1	4	8	8	35	3	9	B-C		
11BT11	2	Triode-1	1	7	20	19	1	2	G-H	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
11BT11	5	Triode-2	6	7	17	46	10	5	H		
11BT11	6	Pentode	3	7	15	33	2	6	B-F		
11C5			6	8	30	30	1	6	J	C	Shall show short on B-E. Grid short test - Depress B-E together.
11CA11	0	Triode-2?	2	8	20	17	2	2	J	G	
11CA11		Triode-2	5	8	15	16	2	2	C	G	
11CA11	8	Pentode	7	8	45	10	2	3	D-E		May show short on A.
11CF11	0		3	8	5	5	1	2	B-C-D	G	
11CF11	5		3	8	5	5	1	7	A-B		
11CF11	6		3	8	5	5	1	6	B-J		
11CY7		Triode-1	1	8	6	45	6	6	E	C	May show short on B-J.
11CY7		Triode-2	2	8	0	41	10	6	B-H-J	C	
11DS5			9	8	0	24	6	7	E-F	D	Shall show short on A-J. Grid short test - Depress A-J together.
11FY7	5	Triode-1	9	8	36	10	1	7	B	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
11FY7	2	Triode-2	4	8	0	5	2	8	A		
11HM7			9	5	10	11	11	5	A-F	*	* Fil Cont - Depress C then D; then both C-D. Shall show short on B-G.
11JE8		Triode	9	8	27	10	1	7	B	D	
11JE8		Pentode	1	8	7	10	1	7	F-G	D	
11KV8		Triode	9	8	33	10	1	6	B	C	
11KV8		Pentode	1	8	8	10	11	6	F-G	C	
11LQ8		Triode	9	8	12	13	5	6	B	C	
11LQ8		Pentode	1	8	7	20	6	6	F-G	C	
11LT8		Diode-1	7	8	0	43	10	6	F	C	May show short on H.
11LT8		Diode-2	7	8	0	43	10	6	E	C	
11LT8		Pentode	7	8	7	34	9	6	B-J	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
11LY6			6	7	9	14	9	7	ABFGJ	D	Shall show short on B-G. Grid-3 short test -
11MS8		Triode	9	8	28	10	1	7	H	D	Depress B-G together.
11MS8		Pentode	7	8	7	13	1	7	A-E	D	
11Y9		Pent-1	6	8	7	10	2	6	G-H	E	If panel has a nine-pin socket, Do not use
11Y9		Pent-2	8	8	15	26	2	6	B-C	E	grid cap. With G-109 adapter, grid cap goes
12-A			3	5	23	10	1	1	B		to socket adapter.
12A4			1	6	0	12	1	8	G	*	* Fil Cont - Depress C then D; then C-D
12A5			4	6	28	15	3	4	B-C	*	together. Shall show short on A-J. Grid short
12A6			4	8	13	16	3	1	B-C	---	test - Depress A-J together.
12A7		Pentode	7	8	31	18	3	1	B-C	---	* Fil Cont - Depress A then J; then A-J
12A7		Rect	7	8	0	3	11	1	E	---	together.
12A8		Amp	7	8	15	50	3	1	B-C	---	
12A8		Osc	4	8	31	30	1	1	E	---	
12AB5			2	8	0	13	1	6	F-G-H	C	Shall show short on B-E-F-H. Grid short test
12AC5			5	8	11	35	4	2	D-J	F	Depress B-E together. Screen short test -
12AC6			1	8	9	31	11	7	E-F	D	Depress F-H together.
12AC10	5	Triode-1	8	8	9	21	8	5	J	C	May show short on A-B. Cathode short test -
12AC10	0	Triode-2	1	8	9	21	8	2	D		Depress A-B together.
12AC10	3	Triode-3	8	8	9	22	9	7	D		
12AD6		Amp	9	8	0	26	11	7	E-F	D	With socket adapter, grid cap goes to
12AD6		Osc	1	8	29	9	11	7	F	D	adapter stud.
12AD7		Triode-1	1	6	10	38	2	3	E-F	*	With G-109 adapter, grid cap goes to G-109
12AD7		Triode-2	9	6	10	38	2	3	H	*	stud.
12AE6		Triode	1	8	19	31	11	7	J	D	* Fil Cont - Depress C then D; then both C-
12AE6		Diode-1	1	8	0	34	10	7	F	D	D.
12AE6		Diode-2	1	8	0	34	10	7	E	D	
12AE7		Triode-1	1	6	23	7	11	3	E	*	* Fil Cont - Depress C then D; then both C-
											D.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12AE7		Triode-2	9	6	11	7	11	3	H	*	
12AE10	0	Pent-1	2	8	17	19	8	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
12AE10	6	Pent-2	8	8	10	24	2	6	B-C		
12AF3											
12AF6			1	8	25	15	11	7	E-F	D	
12AF11	0	Triode-1	5	8	18	15	9	2	F	G	Grid cap goes to adapter stud.
12AF11		Triode-2	2	8	9	25	9	2	C	G	
12AF11	5	Pentode	2	8	25	37	9	5	A		
12AG6		Amp	9	8	0	27	11	7	E-F	D	
12AG6		Osc	1	8	34	7	11	7	F	D	
12AH7		Triode-1	8	8	18	15	1	4	B	---	
12AH7		Triode-2	4	8	18	15	1	4	E	---	
12AJ6		Triode	1	8	32	17	11	6	J	C	
12AJ6		Diode-1	1	8	0	31	10	6	F	C	
12AJ6		Diode-2	1	8	0	34	10	6	E	C	
12AJ7		Triode	7	8	12	14	8	6	F	C	
12AJ7		Heptode	9	8	10	17	8	6	A-E-H	C	
12AL5		Diode-1	7	8	0	25	10	6	J	C	
12AL5		Diode-2	7	8	0	25	10	6	B	C	
12AL8		Triode	6	8	28	18	11	6	H	C	
12AL8		Tetrode	2	8	21	17	11	6	E-J	C	
12AL11	2	Pent-1	4	8	24	10	1	2	E-F-G	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
12AL11	6	Pent-2	8	8	15	10	1	6	B-C		
12AQ5			6	8	50	30	1	6	E	C	Shall show short on A-J. Grid short test - Depress A-J together.
12AQ6		Triode	1	8	13	30	1	6	J	C	
12AQ6		Diode-1	1	8	0	30	10	6	E	C	
12AQ6		Diode-2	1	8	0	30	10	6	F	C	
12AS5			6	8	30	29	1	6	J	C	Shall show short on B-E. Grid short test - Depress B-E together.
12AT6		Triode	1	8	13	30	1	6	J	C	
12AT6		Diode-1	1	8	0	30	10	6	E	C	
12AT6		Diode-2	1	8	0	30	10	6	F	C	
12AT7		Triode-1	1	6	29	10	2	3	E	*	* Fil Cont - Depress C then D; then depress C-D together.
12AT7		Triode-2	9	6	29	10	2	3	H	*	
12AU6			1	8	10	37	6	6	E-F	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12AU7		Triode-1	1	6	27	10	2	3	E	*	* Fil Cont - Depress C then D; then depress C-D together.
12AU7		Triode-2	9	6	27	10	2	3	H	*	
12AU8		Triode	9	8	14	16	1	6	B	C	
12AU8		Pentode	1	8	9	23	11	6	F-G	C	
12AV5			8	8	4	11	6	1	D-F	---	
12AV6		Triode	1	8	12	31	1	6	J	C	
12AV6		Diode-1	1	8	0	35	10	6	F	C	
12AV6		Diode-2	1	8	0	35	10	6	E	C	
12AV7		Triode-1	1	6	26	10	1	3	E	*	* Fil Cont - Depress C then D; then depress C-D together.
12AV7		Triode-2	9	6	26	10	1	3	H	*	
12AW6			1	8	5	41	6	6	D-E	C	
12AX3	2		7	8	0	9	11	8	E	H	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
12AX4			7	8	0	3	11	4	D-E	---	
12AX7		Triode-1	1	6	12	31	2	3	E	*	* Fil Cont - Depress C then D; then depress C-D together.
12AX7		Triode-2	9	6	12	31	2	3	H	*	
12AX12		Pentode	6	1	20	35	3	1	B-C	---	
12AX12		Diode	6	1	0	35	10	1	D-E	---	
12AY3			1	8	0	0	11	7	A-J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter. Shall show short on A-J. * Fil Cont - Depress C then D; then depress C-D together.
12AY7		Triode-1	1	6	25	20	1	3	E	*	
12AY7		Triode-2	9	6	25	20	1	3	H	*	
12AZ7		Triode-1	1	6	31	10	1	3	E	*	* Fil Cont - Depress C then D; then depress C-D together.
12AZ7		Triode-2	9	6	31	10	1	3	H	*	
12B4			6	6	0	6	1	8	G	*	* Fil Cont - Depress C then D; then depress C-D together. Shall show short on A-J. Grid short test - Depress A-J together.
12B7			5	8	20	31	3	1	B-C	---	
12B8		Triode	6	8	10	33	1	1	D	---	
12B8		Pentode	7	8	7	33	3	1	B-C	---	
12BA6			1	8	9	40	6	6	E-F	C	
12BA7		Amp	8	8	40	47	1	6	A-G	C	OK above 1/3 scale.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12BA7		Osc	9	8	29	6	1	6	H	C	
12BB14	*		1	8	0	44	10	6	H-J	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H-J. Cap goes to top of tube.
12BD6			1	8	15	33	6	6	E-F	C	
12BE3	2		7	8	0	11	11	2	E	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
12BE6		Amp	6	8	47	47	9	6	E-J	C	OK above 1/3 scale.
12BE6		Osc	1	8	21	9	1	6	F	C	---
12BF6		Triode	1	8	18	15	1	6	J	C	
12BF6		Diode-1	1	8	0	30	10	6	F	C	
12BF6		Diode-2	1	8	0	30	10	6	E	C	
12BF11	0	Pent-1	2	8	19	19	4	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
12BF11	8	Pent-2	2	8	10	13	4	9	D-E		With G-109 adapter, grid cap goes to G-109 stud.
12BH7		Triode-1	1	6	27	7	1	3	E	*	* Fil Cont - Depress C then D; then depress C-D together.
12BH7		Triode-2	9	6	27	7	1	3	H	*	
12BK5			7	8	0	14	1	6	F-H	C	Shall show short on A-B. Grid short test - Depress A-B together.
12BK6		Triode	1	8	32	11	1	6	J	C	
12BK6		Diode-1	7	8	0	30	10	6	F	C	
12BK6		Diode-2	7	8	0	30	10	6	E	C	
12BL6			1	8	20	12	11	6	E-F	C	
12BN6			8	8	0	22	1	6	E-J	C	
12BQ6			4	8	20	5	1	1	C-G	---	
12BR7		Triode	9	6	14	18	1	3	H	*	* Fil Cont - Depress C then D; then depress C-D together.
12BR7		Diode-1	9	6	0	25	10	3	A	*	
12BR7		Diode-2	9	6	0	25	10	3	E	*	
12BS3			8	8	0	42	10	6	A-J	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter. Shall show short on A-J.
12BT3	0		1	8	0	4	12	2	C	G	With socket adapter, grid cap goes to adapter stud.
12BT6		Triode	1	8	12	34	1	6	J	C	
12BT6		Diode-1	1	8	0	35	10	6	F	C	
12BT6		Diode-2	1	8	0	35	10	6	E	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12BU6		Triode	1	8	30	10	1	6	J	C	
12BU6		Diode-1	7	8	0	30	10	6	F	C	
12BU6		Diode-2	7	8	0	30	10	6	E	C	
12BV7			9	6	7	28	6	5	A-F	*	* Fil Cont - Depress C then D; then depress C-D together. Shall show short on B-G.
12BV11	7	Pent-1	8	8	5	28	1	4	B	E	
12BV11	2	Pent-2	7	8	5	28	1	2	E		
12BW4		Plate-1	2	8	0	6	11	6	A	C	
12BW4		Plate-2	2	8	0	6	11	6	H	C	
12BX6			9	8	5	36	6	6	A-F	C	Shall show short on B-H. Cathode short test - Depress B-H together.
											* Fil Cont - Depress C then D; then depress C-D together. Shall show short on B-G.
12BY7			9	6	18	14	11	5	A-F	*	Suppressor short test - Depress B-G.
12BZ6			1	8	4	43	6	6	E-F	C	
12C8		Pentode	7	8	26	30	5	1	B-E-F-J	---	
12C8		Diode-1	7	8	0	30	10	1	C-G	---	
12C8		Diode-2	7	8	0	30	10	1	D	---	
12CA4			5	10	0	2	11	6	H	C	
12CA4			5	10	0	2	11	6	A	C	
12CA5			7	8	0	4	1	6	B-E-F-J	C	Shall show short on B-E. Grid short test - Depress B-E together.
12CD6			4	8	0	10	6	1	F-G	---	
12CK3			1	8	0	42	10	7	A-J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter. Shall show short on A-J.
12CL3			1	8	0	42	10	7	A-J	D	Shall show short on A-J.
12CM6			9	8	0	21	8	6	G-H	C	Shall show short on B-E. Grid short test - Depress B-E together.
											Shall show short on B-E. Grid short test - Depress B-E together.
12CN5			6	8	25	42	11	6	J	C	
12CR6		Pentode	9	8	15	32	6	6	E-F	C	
12CR6		Diode	7	8	0	31	10	6	B-E-F-J	C	
12CS6		Amp	6	8	39	47	9	6	E-J	C	
12CS6		Osc	1	8	26	10	1	6	F-G	C	
12CT3			8	8	0	45	10	6	E-J	C	Shall show short on E-J.
12CT8		Triode	9	8	35	9	1	7	H	D	
12CT8		Pentode	6	8	13	27	1	7	A-E	D	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12CU5			7	8	0	12	6	6	F-J	C	Shall show short on B-E. Grid short test -
12CU6			4	8	20	5	1	1	C-G	---	Depress B-E together.
12CX6			1	8	17	8	11	6	E-F	C	
12D4			7	8	0	1	11	4	D	---	
12DA6			9	8	15	37	6	7	A-F	D	
12DB5			8	8	45	13	1	6	G	C	Shall show short on A-B-E-J. Grid short test -
12DE8	Pentode		8	8	26	12	11	7	E-F	D	Depress B-E together. Cathode short test -
12DE8	Diode		8	8	0	26	10	7	B	D	Depress A-J together.
12DF5	Diode-1		9	6	0	38	10	3	E	*	* Fil Cont - Depress C then D; then depress
12DF5	Diode-2		9	6	0	38	10	3	H	*	C-D together.
12DF7	Triode-1		9	6	35	11	7	3	H	*	* Fil Cont - Depress C then D; then depress
12DF7	Triode-2		1	6	35	11	7	3	E	*	C-D together.
12DK6			1	8	7	38	6	6	E-F	C	
12DK7	Tetrode		8	8	0	9	2	7	A-B	D	May show short on F-H.
12DK7	Diode-1		8	8	0	29	10	7	E	D	
12DK7	Diode-2		8	8	0	30	10	7	G	D	
12DL8	Tetrode		1	8	17	21	2	7	A-E	D	
12DL8	Diode-1		1	8	0	41	10	7	H	D	
12DL8	Diode-2		1	8	0	41	10	7	G	D	
12DM4			3	8	0	4	12	9	D	---	
12DM7	Triode-1		1	6	12	31	2	3	E	*	* Fil Cont - Depress C then D; then depress
12DM7	Triode-2		9	6	12	31	2	3	H	*	C-D together.
12DN6			4	8	0	10	6	1	F-G	---	
12DQ4			8	8	0	44	10	9	D	F	
12DQ5			8	8	0	5	2	1	C-F-G	---	Shall show short on B-C-D-E-F-H. Grid short
12DQ6			4	8	8	7	11	1	C-G	---	test - Depress D-H together. Screen short
12DQ7			9	6	21	20	6	5	A-F	*	test - Depress C-F together. Cathode short
12DS7	Tetrode		1	8	11	35	2	7	B-E	D	test - Depress B-E together.
12DS7	Diode-1		9	8	0	34	10	7	G	D	
12DS7	Diode-2		9	8	0	34	10	7	H	D	* Fil Cont - Depress C then D; then depress

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12DT5			2	8	0	19	8	7	G-H	D	Shall show short on B-E. Grid short test - Depress B-E together.
12DT6			1	8	20	13	1	6	E-F	C	
12DT7		Triode-1	1	6	12	31	2	3	E-F	*	* Fil Cont - Depress C then D; then depress C-D together.
12DT7		Triode-2	9	6	12	31	2	3	H	*	
12DT8		Triode-1	1	8	27	12	7	7	E-F	D	
12DT8		Triode-2	9	8	27	12	7	7	H	D	
12DU7		Tetrode	8	8	0	7	2	7	B-E	D	
12DU7		Diode-1	8	8	0	50	10	7	A	D	
12DU7		Diode-2	8	8	0	50	10	7	G	D	* Fil Cont - Depress C then D; then depress C-D together.
12DV7		Triode	1	6	31	11	7	3	E	*	
12DV7		Diode-1	1	6	0	50	10	3	J	*	
12DV7		Diode-2	1	6	0	50	10	3	B	*	
12DV8		Tetrode	1	8	35	32	2	7	B-E	D	
12DV8		Diode-1	1	8	0	7	2	7	G	D	
12DV8		Diode-2	1	8	0	7	2	7	H	D	
12DW4		Diode	8	8	0	4	2	7	A-J	D	
12DW5			2	8	0	10	8	7	G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter. May show short on A-J. Shall show short on B-E. Grid short test - Depress B-E together. * Fil Cont - Depress C then D; then depress C-D together.
12DW7		Triode-1	1	6	34	10	1	3	E	*	
12DW7		Triode-2	9	6	28	10	1	3	H	*	
12DW8		Triode-1	1	8	0	9	3	7	E	D	
12DW8		Triode-2	9	8	0	6	3	7	H	D	
12DW8		Diode	9	8	0	30	10	7	G	D	
12DY8		Tetrode	8	8	0	6	11	7	B-E	D	
12DY8		Triode	7	8	30	26	11	7	F	D	
12DZ6			1	8	23	24	6	7	E-F	D	
12DZ7		Pent-1	4	8	22	17	3	1	C-E	---	
12DZ7		Pent-2	8	8	22	17	3	1	B-C	---	
12DZ8		Triode	8	8	18	28	1	6	G	C	
12DZ8		Pentode	2	8	13	17	1	6	A-E	C	
12E5			4	8	15	17	1	1	B	---	
12E13			4	6	5	15	3	1	B-C	---	
12EA6			1	8	21	26	6	7	E-F	D	
12EC8		Pentode	7	8	21	19	11	7	A-E	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12EC8		Triode	8	8	21	15	11	7	J	D	Shall show short on B-E. Grid short test - Depress B-E together.
12ED5			2	8	0	18	6	7	F-J	D	
12EG6		Amp	6	8	39	32	11	7	E-J	D	
12EG6		Osc	1	8	13	11	11	7	F	D	
12EH5			8	8	0	22	6	7	F-J	D	Shall show short on B-E. Grid short test - Depress B-E together. Shall show short on E-H. Cathode short test - Depress E-H together.
12EH8		Pentode	1	8	15	34	6	7	F-G	D	
12EH8		Triode	9	8	24	11	6	7	B	D	
12EK6			1	8	7	22	6	7	E-F	D	
12EL6		Diode-1	1	8	0	35	10	7	E	D	
12EL6		Diode-2	1	8	0	35	10	7	F	D	
12EL6		Triode	1	8	34	10	11	7	B	D	
12EM6		Tetrode	8	8	3	10	2	7	B-E	D	
12EM6		Diode	8	8	0	30	10	7	G	D	
12EN6			4	8	30	5	11	1	B-C	---	
12EQ7		Diode	9	8	0	39	10	7	F	D	
12EQ7		Pentode	9	8	23	10	2	7	A-E	D	
12EZ6			1	8	9	28	6	7	E-F	D	
12F5			7	8	12	33	1	1	C	---	
12F8		Pentode	6	8	22	20	11	7	B-J	D	
12F8		Diode-1	6	8	0	33	10	7	E	D	
12F8		Diode-2	6	8	0	33	10	7	H	D	
12FK6		Triode	1	8	17	11	8	7	J	D	
12FK6		Diode-1	1	8	0	35	10	7	F	D	
12FK6		Diode-2	1	8	0	35	10	7	E	D	
12FM6		Triode	1	8	13	12	8	7	J	D	
12FM6		Diode-1	1	8	0	35	10	7	F	D	
12FM6		Diode-2	1	8	0	35	10	7	E	D	
12FQ7		Triode-1	1	8	19	15	9	7	E	D	
12FQ7		Triode-2	9	8	19	15	9	7	H	D	
12FQ8		Triode-1	1	8	33	10	1	7	E-F	D	
12FQ8		Triode-2	9	8	33	10	1	7	B-H	D	
12FR8		Pentode	2	8	0	8	2	7	E-A	D	
12FR8		Triode	8	8	18	10	2	7	G	D	
12FR8		Diode	8	8	0	37	10	7	F	D	
12FS5			1	8	12	33	6	6	E-F	C	Shall show short on B-J.
12FV7		Diode-1	1	6	3	10	1	6	E	C-G	
		Diode-2	9	6	3	9	1	7	H	C-G	Shall show short on B-E.
12FX5			6	8	0	25	6	7	F-J	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12FX8		Triode	5	8	25	42	11	6	F	C	
12FX8		Heptode	9	8	20	45	8	6	B-G	C	
12FY8		Triode	8	8	27	10	8	6	G	C	
12FY8		Pentode	2	8	10	11	1	6	A-E	C	
12G4			6	8	16	14	1	6	A-E	C	Shall show short on A-E. Plate short test - Depress A-E together.
12G8		Triode-1	6	6	5	6	11	3	E	*	* Fil Cont - Depress C then D; then depress C-D together.
12G8		Triode-2	2	6	34	7	11	3	H	*	
12G11	6	Pent-1	8	8	5	10	2	9	C-B	D	
12G11	2	Pent-2	4	8	16	50	10	8	F-G		
12GA6		Amp	6	8	50	28	8	6	E-J	C	
12GA6		Osc	1	8	7	10	1	6	F	C	
12GB3			4	8	5	8	11	1	C-G	A	
12GB7			4	8	8	7	11	1	C-G	---	
12GC5			2	8	0	8	7	7	F-G-H	D	Shall show short on B-E-F-H.
12GC6			4	8	0	6	3	1	C-F-G	---	Shall show short on C-F. Screen short test - Depress C-F together.
12GE5	7		4	8	30	28	7	4	H	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
12GJ5			1	8	0	10	9	7	A-H	D	Shall show short on A-E-H-J.
12GK17			7	8	0	3	11	4	D	---	
12GN7			9	6	15	18	6	5	A-F	*	* Fil Cont - Depress C then D; then depress C-D together.
12GT5			1	8	0	42	10	7	AEGHJ	D	Shall show short on A-E-H-J.
12GV5	5		8	8	0	6	1	7	B-F	E	May show short on B-F-G-J. Grid cap goes to top of tube.
12GW6			4	8	3	10	11	1	C-G	A	
12H4			6	6	16	14	1	8	A-E	*	* Fil Cont - Depress C then D; then depress C-D together. Shall show short on A-E. Plate short test - Depress A-E together.
12H6		Diode-1	7	8	0	25	10	1	B	---	
12H6		Diode-2	7	8	0	25	10	1	D	---	
12HB25	*		1	8	0	43	10	6	H-J	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H-J.
12HE7	3		3	8	0	5	3	7	D	J	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
12HE7	6		9	8	10	50	10	8	C		

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12HG7			9	6	8	20	6	5	A-F	*	* Fil Cont - Depress C then D; then depress C-D together. Shall show short on B-G.
12HL5			6	8	0	16	7	6	A-G	C	Shall show short on H-J.
12HL7			9	6	9	25	6	5	A-F	*	* Fil Cont - Depress C then D; then depress C-D together. Shall show short on B-G.
12HU8		Pent-1	9	8	10	22	8	6	B-H	C	
12HU8		Pent-2	5	8	10	22	7	6	F-G	C	
12J5			4	8	15	15	1	1	B	---	
12J7			7	8	10	39	3	1	B-C	---	
12J8		Tetrode									
12J8		Diode-1									
12J8		Diode-2									
12JB6			1	8	0	6	4	6	A-G-H	C	Shall show short on A-E-H-J. Grid cap goes to top of tube.
12JF5	0		3	8	5	7	1	2	B-J	G	Grid cap goes to adapter stud.
12JM6	3		6	8	15	28	5	1	A-G	C	Grid cap goes to top of tube.
12JN6	5		2	8	18	28	6	5	G-J	C	Shall show short on G-J individually.
12JN8		Triode	8	8	11	12	1	7	J	D	
12JN8		Pentode	7	8	5	36	1	7	A-E	D	
12JQ6		Pentode	1	8	0	7	1	6	B-H-J	C	
12JQ6		Diode	1	8	0	10	11	6	E	C	
12JS6	3		6	8	7	5	5	7	E-G-H	J	Shall show short on E-H. Grid cap goes to top of tube.
12JT6			9	8	3	7	7	7	A-G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter. Shall show short on A-H.
12JZ8	7	Pentode	8	8	12	47	10	4	J	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to socket adapter.
12JZ8	5	Triode	9	8	10	25	2	5	A		
12K7			7	8	16	33	3	1	B-C	---	
12K8		Triode	4	8	28	15	1	1	E	---	---
12K8		Heptode	7	8	9	50	3	1	B-C	---	OK above 1/3 scale.
12KA8		Triode	9	8	33	10	11	6	H	C	
12KA8		Pentode	5	8	34	10	11	6	F-G	C	
12KL8		Pentode	9	8	26	11	7	7	A-E	D	
12KL8		Diode	9	8	0	34	10	7	F-G	D	
12L6			4	8	8	10	3	1	B-C	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12L8		Pent-1	8	8	20	27	4	5	D-F	---	
12L8		Pent-2	2	8	20	27	4	5	C-D	---	
12MD8		Triode-1	5	8	9	14	1	6	B	C	
12MD8		Triode-2	6	8	9	14	1	6	J	C	
12MD8		Triode-3	7	8	9	14	1	6	H	C	
12ML8		Triode-1	5	10	15	15	1	6	B	C	
12ML8		Triode-2	6	10	15	15	1	6	J	C	
12ML8		Triode-3	7	10	15	15	1	6	H	C	
12MX8		Triode	7	8	20	22	1	6	F	C	
12MX8		Pentode	9	8	5	15	1	6	A-E	C	
12Q7		Triode	7	8	13	34	1	1	B	---	
12Q7		Diode-1	7	8	0	30	10	1	C-D	---	
12Q7		Diode-2	7	8	0	30	10	1	D-F	---	
12R5			6	8	45	10	1	6	J	C	Shall show short on B-E. Grid short test - Depress B-E together. * Fil Cont - Depress C then D; then depress C-D together.
12RLL3		Triode-1	1	6	26	10	1	3	E	*	
12RLL3		Triode-2	9	6	26	10	1	3	H	*	
12RLL5		Triode-1	1	8	19	15	9	7	E	D	
12RLL5		Triode-2	9	8	19	15	9	7	H	D	
12S8		Triode	7	8	12	37	1	4	E	---	May show short on J.
12S8		Diode-1	7	8	0	30	10	4	B	---	
12S8		Diode-2	7	8	0	30	10	4	C	---	
12S8		Diode-3	7	8	0	30	10	4	H	---	
12SA7		Amp	3	8	47	47	6	1	B-F	---	OK above 1/3 scale.
12SA7		Osc	4	8	21	9	1	1	C	---	---
12SC7		Triode-1	3	8	19	27	1	4	D-F	---	
12SC7		Triode-2	2	8	19	27	1	4	J	---	
12SF5			2	8	12	32	1	4	D	---	
12SF7		Pentode	9	8	20	32	3	4	C-E	---	
12SF7		Diode	9	8	0	25	10	4	D	---	
12SG7			3	8	9	38	5	1	E-F	---	Cathode short test - Depress B-D together.
12SH7			3	8	10	39	5	1	E-F	---	Cathode short test - Depress B-D together.
12SJ7			3	8	10	39	5	1	E-F	---	
12SK7			3	8	16	33	5	1	E-F	---	
12SL7		Triode-1	8	8	14	30	1	4	J	---	
12SL7		Triode-2	3	8	14	30	1	4	D	---	
12SN7		Triode-1	3	8	15	16	1	4	D	---	
12SN7		Triode-2	8	8	15	16	1	4	J	---	
12SQ7		Triode	9	8	14	34	1	4	E	---	
12SQ7		Diode-1	9	8	0	30	10	4	C	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
12SQ7		Diode-2	9	8	0	30	10	4	D	---	
12SR7		Triode	9	8	18	15	1	4	E	---	
12SR7		Diode-1	9	8	0	30	10	4	C	---	
12SR7		Diode-2	9	8	0	30	10	4	D	---	
12SW7		Triode	9	8	18	15	1	4	E	---	
12SW7		Diode-1	9	8	0	30	10	4	D	---	
12SW7		Diode-2	9	8	0	30	10	4	C	---	
12SX7		Triode-1	3	8	15	16	1	4	D	---	
12SX7		Triode-2	8	8	15	16	1	4	J	---	
12SY7		Amp	3	8	47	47	6	1	B-F	---	OK above 1/3 scale.
12SY7		Osc	4	8	21	9	1	1	C	---	---
12T10	0	Pent-1	2	8	12	23	9	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
12T10	6	Pent-2	8	8	10	10	9	6	B-C		
											* Fil Cont - Depress C then D; then depress C-D together.
12U7		Triode-1	1	6	25	20	11	3	E	*	
12U7		Triode-2	9	6	25	20	11	3	H	*	
12V6			4	8	11	14	3	1	B-C	---	
12W6			4	8	8	9	3	1	B-C	---	
12X4		Plate-1	2	8	0	3	11	6	A	C	
12X4		Plate-2	2	8	0	3	11	6	F	C	
12Z3			7	8	0	1	11	1	B	---	
											* Fil Cont - Depress A then J; then depress A-J together.
12Z5		Plate-1	7	6	0	3	11	6	B	*	
12Z5		Plate-2	7	6	0	3	11	6	F	*	
13CM5			4	8	3	9	11	1	C-G-H	---	Shall show short on B-C-F-H. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
13CW4			9	8	7	47	10	7	H	D	
13CW9		Triode-1	1	8	27	10	2	3	E	---	
13CW9		Triode-2	9	8	27	10	2	3	H	---	
											Shall show short on B-J. Grid short test - Depress B-J together.
13DE7		Triode-1	1	8	13	22	1	6	E	C	
13DE7		Triode-2	2	8	0	12	11	6	H	C	
											Shall show short on B-J. Grid short test - Depress B-J together.
13DR7		Triode-1	1	8	20	27	1	7	E	D	
13DR7		Triode-2	9	8	0	7	9	7	H	D	
13EM7		Triode-1	3	8	32	10	1	9	D	F	
13EM7		Triode-2	8	8	0	6	1	9	J	F	
											Shall show short on B-J. Grid short test - Depress B-J together.
13FD7		Triode-1	1	8	20	25	1	6	E	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
13FD7		Triode-2	2	8	0	6	1	6	H	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
13FM7	6	Triode-1	7	8	0	34	12	6	C	A	
13FM7	2	Triode-2	4	8	0	10	11	2	A	D	
13FR7		Triode-1	1	8	15	30	8	7	E	D	
13FR7		Triode-2	1	8	0	41	10	7	J-B-H	D	
13GB5	*		7	8	0	26	10	6	E-A	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H-J. OK above 1/3 scale. Cathode short test - Depress B-F together. Cap goes to top of tube.
13GF7		Triode-1	7	8	20	27	1	6	F	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
13GF7		Triode-2	9	8	2	7	1	6	E	C	
13J10	6	Pent-1	3	8	30	41	2	9	J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. May show short on G. With socket adapter, grid cap goes to adapter stud.
13J10	0	Pent-2	1	8	2	27	2	2	C-J		
13JT8		Triode	9	8	20	20	1	6	B	C	Grid short test - Depress A-E together.
13JT8		Pentode	1	8	8	10	11	6	F-G	C	
13JZ8	0		6	8	5	23	8	8	A-C-E	G	
13JZ8	4		5	8	5	23	8	8	E-H		
13V10	0	Pent-1	2	8	15	23	4	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
13V10	8	Pent-2	2	8	7	17	4	9	D-E		With G-109 adapter, grid cap goes to G-109 stud.
13Z10	6	Pent-1	3	8	30	41	2	9	J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
13Z10	0	Pent-2	1	8	2	27	2	2	C-J		With socket adapter, grid cap goes to adapter stud.
14			7	8	13	30	3	1	B-C	---	Cathode short test - Depress D-F together.
14A4			5	8	15	15	1	1	B	---	
14A5			5	8	8	11	3	1	B-C	---	
14A7			5	8	20	31	3	1	B-C	---	
14AF7		Triode-1	7	8	15	15	1	1	E	---	
14AF7		Triode-2	4	8	15	15	1	1	C	---	
14B6		Triode	3	8	12	37	1	1	B	---	
14B6		Diode-1	3	8	0	30	10	1	G	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
14B6		Diode-2	3	8	0	30	10	1	E	---	
14B8		Amp	5	8	15	50	7	1	B-G	---	
14B8		Osc	4	8	31	28	1	1	C	---	
14BF11	0	Pent-1	2	8	19	19	4	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
14BF11	8	Pent-2	2	8	10	13	4	9	D-E		With G-109 adapter, grid cap goes to G-109 stud.
14BL11	0	Triode-1	4	8	15	48	10	2	A	G	Cap goes to adapter stud.
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
14BL11	5	Triode-2	6	8	18	13	1	7	H		
14BL11	7	Pentode	4	8	10	21	3	4	C-G		
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
14BQ11	2	Pent-2	1	8	7	35	4	2	C-D	B	
14BQ11	8	Pent-1	4	8	8	35	3	9	B-C		
14BR11	0	Triode-1	6	8	15	19	1	2	E	G	Grid cap goes to adapter stud.
14BR11	5	Triode-2	9	8	15	19	1	7	H		
14BR11		Pentode	1	8	10	23	6	7	B-F		
14C5			5	8	11	14	3	1	B-C	---	
14C7			5	8	15	33	3	1	B-C	---	
											Shall show short on D-F. Cathode short test - Depress D-F together.
14E6		Triode	3	8	16	18	1	1	B	---	
14E6		Diode-1	7	8	0	25	10	1	G	---	
14E6		Diode-2	7	8	0	25	10	1	E	---	
14E7		Pentode	5	8	17	34	7	1	B-G	---	
14E7		Diode-1	7	8	0	25	10	1	C	---	
14E7		Diode-2	7	8	0	25	10	1	D	---	
14F7		Triode-1	4	8	14	31	1	1	C	---	
14F7		Triode-2	7	8	14	31	1	1	E	---	
14F8		Triode-1	1	8	13	14	1	8	E	F	
14F8		Triode-2	9	8	13	14	1	8	C	F	
14GT8		Triode	6	8	33	10	6	7	G	D	
14GT8		Diode-1	6	8	0	26	10	7	J	D	
14GT8		Diode-2	6	8	0	26	10	7	E	D	
14GW8		Triode	8	8	35	10	2	7	G	D	
14GW8		Pentode	6	8	15	21	2	7	B-E	D	
14H7			5	8	11	35	3	1	B-C	---	
14J7		Triode	4	8	20	18	1	1	C	---	---
14J7		Heptode	5	8	6	45	7	1	B-G	---	OK above 1/3 scale.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
14JG8		Diode-1	6	8	0	4	3	7	J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
14JG8		Diode-2	6	8	0	4	3	7	E	D	
14JG8		Triode	6	8	33	10	3	7	G	D	
14K7		Triode	3	8	30	10	3	2	B	F	
14K7		Heptode	5	8	0	35	4	2	J-D	F	
14L7		Triode	2	8	23	47	10	4	J	H	
14L7		Diode-1	2	8	0	36	10	4	E	H	
14L7		Diode-2	2	8	0	36	10	4	D	H	
14N7		Triode-1	4	8	15	16	1	1	C	---	
14N7		Triode-2	7	8	15	16	1	1	E	---	
14Q7		Amp	3	8	47	37	5	1	B-E	---	
14Q7		Osc	4	8	21	9	1	1	C	---	
14R7		Pentode	5	8	12	37	7	1	B-G	---	
14R7		Diode-1	7	8	0	25	10	1	D	---	
14R7		Diode-2	7	8	0	25	10	1	C	---	
14S7		Triode	4	8	28	14	1	1	C	---	Shall show short on D-F. Cathode short test - Depress D-F together.
14S7		Heptode	4	8	28	32	7	1	B-G	---	
14W7			5	8	10	38	3	1	B-C	---	
14X7		Triode	3	8	13	45	1	1	B	---	
14X7		Diode-1	3	8	0	25	10	1	G	---	
14X7		Diode-2	3	8	0	25	10	1	E	---	
14Y4		Plate-1	7	8	0	3	11	1	C	---	
14Y4		Plate-2	7	8	0	3	11	1	E	---	
15			7	2	21	37	3	1	B-C	---	
15A6			9	8	21	10	1	7	A-E-H	D	
15AF11	0	Triode-1	5	8	18	15	9	2	F	G	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
15AF11		Triode-2	5	8	18	15	9	2	C	G	
15AF11	5	Pentode	2	8	25	37	9	5	A		
15BD11	0	Triode-1	2	8	34	9	1	2	C	G	If panel has a nine-pin socket, Do not use grid cap. With socket adapter, grid cap goes to adapter stud.
15BD11		Triode-2	5	8	34	9	1	2	F	G	
15BD11	5	Pentode	2	8	0	4	3	5	A-B		
15CW5			9	8	0	7	9	6	A-E-F-G	C	May show short on A-E-F-G-H-J.
15DQ8		Triode	8	8	28	10	1	7	J	D	
15DQ8		Pentode	6	8	10	10	1	7	E-G	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
15EA7		Triode-1	3	8	31	10	3	4	D	---	
15EA7		Triode-2	8	8	0	6	8	4	J	---	
15EW6			1	8	18	31	6	7	E-F	D	
15EW7		Triode-1	1	8	26	10	1	7	E	D	Shall show short on B-J.
15EW7		Triode-2	2	8	0	12	11	7	H	D	
15FM7	6	Triode-1	7	8	0	34	12	6	C	A	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
15FM7	2	Triode-2	4	8	0	10	11	2	A		Shall show short on G-H.
15FO7		Triode	7	6	7	8	1	6	F	C	
15FO7		Pentode	9	6	10	37	1	6	A-E	C	
15FY7	5	Triode-1	9	8	36	10	1	7	B	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
15FY7	2	Triode-2	4	8	0	5	2	8	A		
15HB6			9	8	6	9	7	7	A-E-F-G	D	May show short on B-E-F-G.
15KY8		Triode	7	8	20	22	1	6	F	C	
15KY8		Pentode	9	8	5	15	1	6	A-E	C	
15LE8		Pent-1	7	8	10	45	6	6	F-H	C	OK above 1/3 scale.
15LE8		Pent-2	7	8	10	45	6	6	E-H	C	
15MF8	7	Pentode	8	8	15	49	10	4	J	E	
15MF8	5	Triode	9	8	10	17	2	5	A		
15MX8		Triode	7	8	20	22	1	6	F	C	
15MX8		Pentode	9	8	5	15	1	6	A-E	C	
16A			1	6	18	22	9	7	E-J	D	
16A5			9	8	15	18	7	6	A-G	C	
16A8		Triode	8	8	30	12	8	7	G	D	
16A8		Pentode	2	8	22	17	1	7	A-E	D	
16AK9	0		1	7	29	11	1	5	B	G-H	
16AK9	8		1	7	0	5	2	9	D-E		
16BQ11	2		1	8	7	37	4	2	C-D	B	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
16BQ11	8		4	8	8	35	3	9	B-C		
16BX11	8	Triode-2	2	8	31	12	6	3	J	H	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
16BX11	2	Triode-2	1	8	31	12	9	8	F		
16BX11	5	Pentode	1	8	5	38	6	5	B-F		

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
16CB28	6		9	8	4	9	11	6	C-G	A	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
16GK6			9	8	22	15	6	7	A-F	D	
											Shall show short on B-G.
16GY5	6		9	8	4	9	11	6	C-G	A	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on C-G.
16HB5	0		2	8	4	5	2	2	A-J	G	
16KA6	4		5	8	0	43	10	8	G	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on F-J.
16KH8			2	8	31	12	1	6	G-H	C	
16KH8			2	8	31	10	1	6	B-G	C	
16KH8			6	8	31	12	1	6	F-G	C	
16LD6			9	8	5	10	8	7	A-E-F-G	D	May show short on B-E-F-G.
16LU8	5	Triode	9	8	10	16	2	5	A	C	
16LU8	8	Pentode	2	8	0	43	10	3	H-J		
16MY8	5	Triode	9	8	10	16	2	5	A	C	Shall show short on H-J.
16MY8	8	Pentode	2	8	0	43	10	3	H-J		
16Y9		Pent-1	6	8	7	10	2	6	G	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
16Y9		Pent-2	8	8	15	26	2	6	B-C	E	
17			3	8	27	11	1	1	B	---	
17A8		Triode	7	8	21	10	7	6	H	C	
17A8		Pentode	9	8	15	33	2	6	B-E	C	
17AB10	6	Pent-1	3	8	19	38	2	9	J	D	
17AB10	0	Pent-2	1	8	0	17	2	2	C-J		
17AV5			8	12	4	11	6	1	D-F	---	
17AX3	2		7	8	0	11	11	8	E	H	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17AX4			7	12	0	3	11	4	D	---	
17AY3			1	12	0	0	11	7	A-J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17B4			4	8	40	4	1	1	B	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
17BB14	*		1	8	0	44	10	6	H-J	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H-J. Cap goes to top of tube.
17BD11	0	Triode-2	2	8	34	9	1	2	C	G	If panel has a nine-pin socket, Do not use grid cap. With socket adapter, grid cap goes to adapter stud.
17BD11		Triode-1	5	8	34	9	1	2	F	G	
17BD11	5	Pentode	2	8	0	4	3	5	A-B		Use grid cap.
17BE3	2		7	8	0	11	11	2	E	B	
17BF11	0	Pent-1	2	8	21	19	4	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
17BF11	8	Pent-2	2	8	12	13	4	9	D-E		If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17BH3			1	12	0	0	11	7	A-J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-J.
17BJ6			1	8	7	40	6	6	E-F	C	
17BQ6			4	12	20	5	1	1	C-G	---	
17BS3			8	8	0	42	10	6	A-J	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-J.
17BW3	0	Diode	9	8	0	44	10	2	C	G	
17BZ3	0		2	8	0	43	10	2	C	G	Grid cap goes to adapter stud.
17C5			6	12	28	27	1	6	J	C	Shall show short on B-E. Grid short test - Depress B-E together.
17C8		Pentode	9	12	14	37	8	7	H-E	D	
17C8		Diode-1	9	12	0	33	10	7	F	D	
17C8		Diode-2	9	12	0	33	10	7	A	D	
17C9		Tetrode-1	1	8	4	11	5	7	F-G	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17C9	*	Tetrode-2	8	8	5	11	3	7	J-B	D	* CAUTION - With socket adapter, grid cap goes to adapter stud.
17CA5			7	12	0	4	1	6	B-E-F-J	C	Shall show short on B-E. Grid short test - Depress B-E together.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
17CK3			1	8	0	42	10	7	A-J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-J.
17CL3			1	8	0	42	10	7	A-J	D	Shall show short on A-J.
17CT3			8	8	0	45	10	6	E-J	C	Shall show short on E-J.
17CU5			7	12	0	12	6	5	F-J	C	Shall show short on B-E. Grid short test - Depress B-E together.
17D4											
17DE4											
17DG6											
17DM4			3	12	0	4	12	9	D	---	
17DQ4			8	8	0	44	10	9	D	F	
17DQ6			4	12	8	7	11	1	C-G	---	
17DW4			8	8	0	4	2	7	A-J	D	If panel has a nine-pin socket, do not use grid cap. May show short on A-J.
17EW8		Triode-1	1	12	20	12	4	6	E	C	
17EW8		Triode-2	9	12	21	12	4	6	H	C	
17FY7	5	Triode-1	9	8	36	10	1	7	B	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17FY7	2	Triode-2	4	8	0	5	2	8	A		
17GE5	7		4	12	30	28	7	4	H	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17GJ5			1	8	0	10	9	7	A-H	D	Do not use grid cap.
17GT5			1	12	0	42	10	7	AEGHJ	D	Shall show short on A-E-H-J.
17GT6		Triode	8	8	28	10	1	7	J	D	
17GT6		Pentode	6	8	10	10	1	7	F-G	D	
17GV5	5		8	8	0	6	1	7	B-F	E	May show short on B-F-G-J.
17GW6			4	8	3	10	11	1	C-G	A	
17GY5	6		9	8	4	9	11	6	C-G	A	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17H3			1	12	0	3	11	6	B-F	C	Shall show short on B-F. Plate short test - Depress B-F together.
17HB25	*		1	8	0	43	10	6	H-J	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H-J.
17HC8		Triode	8	8	31	10	1	6	G	C	
17HC8		Pentode	2	8	26	9	5	6	E-A	C	
17HG8		Triode	5	8	7	10	2	7	A	D	May show short on B-H.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
17HG8		Pentode	9	8	10	10	2	7	F-G	D	
17JB6			1	8	0	6	4	6	A-G-H	C	Shall show short on A-E-H-J. Grid cap goes to top of tube.
17JF6			7	8	0	6	1	7	A-H	D	Shall show short on A-E-H-J. Grid cap goes to top of tube.
17JG6			9	8	2	6	7	7	A-G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
17JK8		Triode-1	1	8	19	10	1	7	E	D	With G-109 adapter, grid cap goes to G-109 stud.
17JK8		Triode-2	9	8	14	10	1	7	H	D	
17JM6	3		6	8	15	28	5	1	A-G	C	Grid cap goes to top of tube.
17JN6	5		2	8	18	28	6	5	G-J	C	Shall show short on G-J individually.
17JQ6		Pentode	1	8	0	9	1	6	B-H-J	C	Shall show short on A-B-F-J.
17JQ6		Diode	1	8	0	10	11	6	E	C	
17JR6			9	8	5	7	7	7	A-G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
17JS6	3		6	8	7	5	5	7	E-G-H	J	Shall show short on E-H. Grid cap goes to top of tube.
17JT6			9	8	3	9	7	7	A-G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
17JZ8	7	Pentode	8	8	12	47	10	4	J	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17JZ8	5	Triode	9	8	10	25	2	5	A		
17KV6			9	8	5	6	7	7	A-G-H	D	Shall show short on A-H.
17L6			4	12	8	10	3	1	B-C	---	
17LD8		Triode	7	8	14	22	1	6	F	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17LD8		Pentode	9	8	11	10	1	6	A-E	C	
17R5			6	12	45	10	1	6	J	C	Shall show short on B-E. Grid short test - Depress B-E together.
17RHH2		Triode-1	1	12	20	12	4	6	E	C	
17RHH2		Triode-2	9	12	20	12	4	6	H	C	
17W6			4	8	8	9	3	1	B-C	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
17X10	5		2	8	5	17	1	5	A-H	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17X10	0		1	8	12	42	5	2	C-E		
17Y9		Pent-1	6	8	7	10	2	6	G	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
17Y9		Pent-2	8	8	15	26	2	6	B-C	E	
17Z3											
18			4	8	25	18	3	1	B-C	---	
18A5			8	12	8	12	6	1	D-F	---	
18AJ10	0	Pent-1	2	12	16	17	9	2	A-E	G	With socket adapter, grid cap goes to adapter stud.
18AJ10	6	Pent-2	8	12	10	28	2	6	B-C		
18DZ8		Triode	8	8	18	28	1	6	G	C	
18DZ8		Pentode	2	8	13	17	1	6	A-E	C	
18FW6			1	12	15	33	6	6	E-F	C	
18FX6		Amp	6	12	45	45	9	6	E-J	C	OK above 1/3 scale.
18FX6		Osc	1	12	18	10	1	6	F	C	---
18FY6		Triode	1	12	33	10	1	7	J	---	
18FY6		Diode-1	1	12	0	36	10	7	F	---	
18FY6		Diode-2	1	12	0	36	10	7	E	---	
18GB5	*		7	8	0	26	10	6	A-E	C	* Shall use Magnoval adapter. OK above 1/3 scale. Shall show short on A-B-E-F-H-J. Cap goes to top of tube. Cathode short test - Depress B-F together.
18GD6			1	8	12	20	1	6	E-F	C	
18GV5	5		8	12	0	6	1	7	B-F-G	E	Shall show short on B-F. Black grid cap goes to top of tube.
18GV8		Triode	9	8	28	10	1	7	H	D	
18GV8		Pentode	7	8	7	13	1	7	A-E	D	
18HB8		Triode	8	12	28	10	5	7	B	D	
18HB8		Pentode	7	12	13	10	11	7	A-E	D	
18RAL1		Triode-1	1	12	10	20	1	6	E	C	Shall show short on B-J.
18RAL1		Triode-2	1	12	0	13	1	6	H	C	
19		Triode-1	3	2	20	23	1	1	B	---	
19		Triode-2	4	2	20	23	1	1	E	---	
19A3			1	8	0	47	10	7	E	*	* Fil Cont - Depress D then F; then D-F together.
19AU4	*		7	9	0	4	1	4	D	---	* A 10-ohm seven-watt resistor shall be put in series with the filament (pin 7 or 8).

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
19BG6			4	12	8	12	6	1	F-G	---	
19BY7			9	12	5	34	6	7	A-F	D	Shall show short on B-H. Cathode short test.
19C8		Triode	6	12	9	40	1	6	G	C	Depress B-H together.
19C8		Diode-1	7	12	0	25	10	6	E	C	
19C8		Diode-2	7	12	0	25	10	6	J	C	
19C8		Diode-3	7	12	0	25	10	6	H	C	
19CG3	0		5	9	0	43	10	3	C-E	H	
19CL8A		Triode	8	12	31	7	1	6	J	C	
19CL8A		Tetrode	7	12	17	28	1	6	A-E	C	
19D8		Heptode	9	8	11	41	8	7	E-H	D	OK above 1/4 scale.
19D8		Triode	7	8	13	26	8	7	F	D	---
19DE3	7		2	8	0	46	10	5	C-E	F	Grid cap goes to top of tube.
19DE7		Triode-1	1	9	13	22	1	6	E	C	Shall show short on B-J.
19DE7		Triode-2	2	9	0	12	11	6	H	C	
19DQ3	0		5	9	0	5	9	3	C	---	
19EA8		Pentode	9	12	15	34	2	6	B-E	C	
19EA8		Triode	7	12	19	11	2	6	H	C	
19EZ8		Triode-1	7	12	31	10	7	6	F	C	
19EZ8		Triode-2	1	12	31	10	1	6	E	C	
19EZ8		Triode-3	9	12	31	10	9	6	B	C	
10FL8?		Pentode	9	12	11	35	8	7	E-H	D	
10FL8?		Diode-1	9	12	0	27	10	7	A	D	Read on Diode scale.
10FL8?		Diode-2	9	12	0	27	10	7	F	D	Read on Diode scale.
19FX5			6	8	0	27	6	7	F-J	D	Shall show short on B-E.
19GQ7		Diode-1	2	8	0	43	10	6	F	C	
19GQ7		Diode-2	2	8	0	43	10	6	E	C	
19GQ7		Diode-3	2	8	0	43	10	6	J	C	
19HR6			1	8	7	12	1	6	B-E-F	C	
19HS6			1	12	12	30	6	7	E-F	D	
19HV8		Triode	8	12	38	10	2	7	J	D	
19HV8		Pentode	7	12	24	10	2	7	A-E	D	
19J6		Triode-1	5	12	23	11	3	6	B	C	
19J6		Triode-2	6	12	23	11	3	6	A	C	
19JC6			9	12	5	30	6	7	A-F	D	Shall show short on B-H.
19JN8		Pentode	7	12	5	36	1	7	A-E	D	
19JN8		Triode	8	12	11	12	1	7	J	D	
19KF6	*		6	9	0	7	5	6	E-G	C	* Shall use Magnoval adapter. With G-109 adapter, grid cap goes to G-109 stud.
19KG8		Triode	9	8	15	17	1	7	H	D	
19KG8		Pentode	7	8	6	39	1	7	A-E	D	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
19MR9			1	8	12	20	1	6	E-F	C	
19T8		Triode	6	12	11	38	2	6	G	C	
19T8		Diode-1	6	12	0	22	10	6	E	C	
19T8		Diode-2	6	12	0	22	10	6	J	C	
19T8		Diode-3	6	12	0	22	10	6	H	C	
19U3			1	8	0	0	11	7	G	D	
19V8		Triode	5	12	6	43	1	6	H	C	
19V8		Diode-1	7	12	0	32	10	6	G	C	
19V8		Diode-2	7	12	0	25	10	6	A	C	
19V8		Diode-3	7	12	0	25	10	6	J	C	
19W3			1	8	0	0	11	7	G	D	
19X3			1	8	0	0	11	7	G	D	
19X8		Triode	9	12	19	11	1	6	B	C	
19X8		Pentode	1	12	13	13	1	6	F-G	C	
19Y3			2	8	0	8	11	7	G	D	
20			3	4	29	13	1	1	B	---	
20EQ7		Diode	9	12	0	39	10	7	F	D	
20EQ7		Pentode	9	12	23	10	2	7	A-E	D	
20EW7		Triode-1	1	8	26	10	1	7	E	D	Shall show short on B-J.
20EW7		Triode-2	2	8	0	12	11	7	H	D	
20LF6	4		1	8	0	46	10	8	G	---	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-F-H-J.
21A6			9	9	7	8	1	6	A-F	C	
21AK6			1	9	22	23	6	6	E-F	C	
21EX6			4	9	5	6	8	1	F-G	A	
21GY5	6		9	9	4	9	11	6	C-G	A	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on C-G.
21HB3		Pentode	6	9	20	35	3	1	B-C	---	
21HB3		Diode	6	9	0	35	10	1	D	---	
21HD5	2		4	9	5	9	1	8	A-G	H	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
21HJ5	2		4	6	5	9	1	8	A-G	H	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
21JS6	3		6	9	7	5	5	7	E-G-H	J	Shall show short on E-H. Cap goes to top of tube.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
21JV6	5		2	9	8	36	6	5	G-J	C	Shall show short on G-J individually.
21JZ6	3		6	9	15	21	5	7	E-G	J	Cap goes to top of tube.
21KA6	4		5	9	0	43	10	8	G	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on F-J. * Shall use magnoval adapter. Cap goes to top of tube. Shall show short on A-B-E-F-H-J.
21KQ6	*		5	9	0	44	10	6	F-H	C	Screen short test - Depress A-J together.
21LG6	4		1	10	0	5	3	6	G	B	Cathode short test - Depress F-H together.
21LR8		Triode	7	9	12	15	1	6	F	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
21LR8		Pentode	9	9	5	13	1	6	A-E	C	
21LU8	5	Triode	9	9	10	16	2	5	A	C	Shall show short on H-J.
21LU8	8	Pentode	2	9	0	43	10	3	H-J		
21MY8	5	Triode	9	9	10	16	2	5	A	C	Shall show short on H-J.
21MY8	8	Pentode	2	9	0	43	10	3	H-J		
22			7	4	29	27	3	1	B-C	---	
22BH3			1	9	0	0	11	7	A-J	D	Shall show short on A-J.
22BW3	0		9	9	0	44	10	2	C	G	
22DE4			4	9	0	2	11	4	D	---	
22JF6			7	9	0	6	1	7	A-H	D	Shall show short on A-E-H-J. Grid cap goes to top of tube.
22JG6			9	9	2	6	7	7	A-G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
22JR6			9	9	5	7	7	7	A-G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
22JU6			7	9	0	6	1	7	A-H	D	Shall show short on A-E-H-J. Grid cap goes to top of tube.
22KM6			5	9	0	43	10	6	E-J	C	Shall show short on E-J. Cap goes to top of tube.
22KV6			9	9	5	6	7	7	A-G-H	D	Shall show short on A-H.
23JS6	3		6	9	7	6	6	7	E-G-H	J	Shall show short on E-H. Cap goes to top of tube.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
23MB6	6		2	9	8	6	11	6	B-C-G	A	Shall show short on C-G. Grid cap goes to top of tube.
23Z9	5	Triode-1	6	9	25	13	2	5	A	C	Grid cap goes to adapter stud.
23Z9		Triode-2	9	9	25	13	1	5	B	C	
23Z9	7	Pentode	9	9	0	14	2	4	B-G		
24			7	3	31	11	1	1	B-C	---	
24AX4			7	9	0	3	11	4	D	---	
24BF11	0	Pent-1	2	9	19	19	4	2	A-E	G	
24BF11	8	Pent-2	2	9	10	13	4	9	D-E		
											If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
24GA7	6		3	9	1	5	4	6	C	A	Shall show short on F-G.
24GA7	2		5	9	11	7	3	8	C-D		Cap goes to top of tube. Shall show short on A-E-H-J.
24JE6			1	9	0	6	4	6	A-G-H	C	
24JZ8	7	Pentode	8	9	12	47	10	4	J	E	
24JZ8	5	Triode	9	9	10	25	2	5	A		
											Cap goes to top of tube. Shall show short on A-E-H-J.
24LQ6			1	9	0	6	4	6	A-G-H	C	
24LZ6			1	9	0	46	10	7	AEGHJ	D	Shall show short on A-E-H-J.
25A6			4	9	27	15	3	1	B-C	---	
25A7		Pentode	4	9	25	17	3	1	B-C	---	
25A7		Rect	7	9	0	2	11	1	E	---	
25AC5			4	9	25	16	1	1	B	---	
25AV5			8	9	21	23	6	1	D	---	
25AX4			7	9	0	3	11	4	D	---	
25B5		Input	4	9	29	10	1	1	C	---	
25B5		Output	4	9	29	13	3	1	B-C	--	
25B6			4	9	9	9	3	1	B-C	---	
25B8		Triode	6	9	10	33	1	1	D	---	
25B8		Pentode	7	9	7	33	3	1	B-C	---	
											* Shall use magnoval adapter. Cap goes to top of tube. Shall show short on A-B-E-F-H-J.
25BB14	*		1	9	0	44	10	6	H-J	C	Shall show short on A-B. Grid short test - Depress A-B together.
25BK5			7	9	0	14	1	6	F-H	C	
25BQ6			4	9	20	5	1	1	C-G	---	
											Shall show short on B-E. Grid short test - Depress B-E together.
25C5			6	9	28	27	1	6	J	C	
25C6			4	9	5	9	3	1	B-C	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
25CA5	0		7	9	0	4	1	6	B-E-F-J	C	Shall show short on B-E. Grid short test - Depress B-E together.
25CD6			4	9	0	10	6	1	F-G	---	
25CG3			5	6	0	43	10	3	C	H	
25CK3			1	9	0	42	10	7	A-J	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-J.
25CM3		Diode Triode Pentode	8	9	0	45	10	6	A-J	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-J. Shall show short on E-J.
25CT3			8	9	0	45	10	6	E-J	C	
25CU6			4	9	20	5	1	1	C-G	---	
25D8			7	9	0	30	10	1	F	---	
25D8			4	9	10	38	1	1	E	---	
25D8			7	9	20	29	3	1	B-C	---	
25DK4			1	9	0	4	1	7	E	*	* Fil Cont - Depress D then F; then D-F together.
25DL3			1	9	0	5	2	7	A-J	D	Plate short test - Depress A-J together.
25DN6			4	9	0	10	6	1	F-G	---	
25DQ6			4	9	8	7	11	1	C-G	---	
25DT5			2	9	0	19	8	7	G-H	D	Shall show short on B-E. Shall show short on B-C-F-H. Cathode short test - Depress B-F together. Screen short test - Depress C-H together.
25E5			4	9	0	6	5	1	C-G-H	---	
25EC6			4	9	7	12	6	1	F-G	---	
25EH5			8	9	0	22	6	7	F-J	D	Shall show short on B-E. Grid short test - Depress B-E together.
25EZ5											
25F5		Triode Pentode	6	9	48	13	1	6	J	C	Shall show short on B-E. Grid short test - Depress B-E together.
25FY8			8	9	27	10	8	6	G	C	
25FY8			2	9	10	11	1	6	A-E	C	
25GB6			4	9	3	15	11	1	C-G	A	
25HX5	*	Pentode Diode	2	9	4	5	2	6	A-E-G-H	C	* Shall use Magnoval adapter. Shall show short on A-B-H-J. Grid short test - Depress A-H together. Cathode short test - Depress B-J together. Shall show short on A-B-F-J.
25JQ6			1	9	0	9	1	6	B-H-J	C	
25JQ6			1	9	0	10	11	6	E	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
25JZ8	7	Pentode	8	9	12	47	10	4	J	E	
25JZ8	5	Triode	9	9	10	25	2	5	A		
25KA6	4		5	9	0	43	10	8	G	D	
25L6			4	9	8	10	3	1	B-C	---	
25MP20			1	9	12	36	6	6	D-E-H	C	
25N6		Input	4	9	29	10	1	1	C	---	
25N6		Output	4	9	29	13	3	1	B-C	---	
25W4			7	9	0	4	1	4	D-E-H	---	
25W6			4	9	8	9	3	1	B-C	---	
25X6		Plate-1	7	9	0	2	11	1	B	---	
25X6		Plate-2	7	9	0	2	11	1	D	---	
25Y4			7	9	0	1	11	1	D	---	
25Y5		Plate-1	7	9	0	4	11	1	B	---	
25Y5		Plate-2	7	9	0	4	11	1	E	---	
25Z3			7	9	0	1	11	1	B		
25Z4			7	9	0	2	11	1	D	---	
25Z5		Plate-1	7	9	0	2	11	1	B	---	
25Z5		Plate-2	7	9	0	2	11	1	E	---	
25Z6		Plate-1	7	9	0	2	11	1	B	---	
25Z6		Plate-2	7	9	0	2	11	1	D	---	
26			3	1	19	18	1	1	B	---	
26A6			1	9	14	35	6	6	E-F	C	
26A7		Pent-1	8	9	24	12	4	5	D-F	---	
26A7		Pent-2	2	9	24	12	4	5	C-D	---	
26AQ8		Triode-1	1	9	25	11	1	7	E	D	
26AQ8		Triode-2	9	9	25	11	9	7	H	D	
26BK6		Triode	1	9	32	11	1	6	J	C	
26BK6		Diode-1	7	9	0	30	10	6	F	C	
26BK6		Diode-2	7	9	0	30	10	6	E	C	
26C6		Triode	1	9	18	15	1	6	J	---	
26C6		Diode-1	1	9	0	30	10	6	F	---	
26C6		Diode-2	1	9	0	30	10	6	E	---	
26D6		Amp	6	9	47	47	9	6	E-J	C	OK above 1/3 scale.
25D6		Osc	1	9	21	9	1	6	F	C	---
26DQ5			8	9	0	5	2	1	C-F-G	---	Shall show short on B-C-D-E-F-H. Grid short test - Depress D-H together. Screen short test - Depress C-F together. Cathode short test - Depress B-E together.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
26E6			4	9	5	12	3	1	B-C	---	
26HU5			1	9	6	6	3	9	B-G	F	Shall show short on D-E-H-J. Grid short test
26HV5	0		9	9	5	33	2	2	A	G	Depress D-H together. Cathode short test - Depress E-J together.
26JG6			9	9	2	6	7	7	A-G-H	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
26LW6			5	9	20	6	1	4	B-G	---	May show short on D-E-H-J.
26LX6	3		6	9	7	5	5	7	E-G-H	J	Shall show short on E-H. Cap goes to top of tube.
26Z5		Plate-1	7	8	0	4	11	3	E		
26Z5		Plate-2	7	8	0	4	11	3	H	*	* Fil Cont - Depress C then D; then C-D together.
27			3	3	17	17	1	1	B	---	
27GB5	*		7	9	0	26	10	6	E-A	C	* Shall use magnoval adapter. Shall show short on A-B-E-F-H-J. Cathode short test - Depress B-F together. OK above 1/3 scale.
27LF6	4		1	9	0	46	10	8	G	D	Cap goes to top of tube.
28D7		Sect-1	6	9	26	11	3	1	C-G	---	Shall show short on A-F-H-J.
28D7		Sect-2	2	9	26	11	3	1	C-D	---	
28GB5	*		7	9	0	26	10	6	E-A	C	* Shall use magnoval adapter. Shall show short on A-B-E-F-H-J. Cathode short test - Depress B-F together. OK above 1/3 scale.
28HD5	2		4	10	5	9	1	8	A-G	H	Cap goes to top of tube. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
29GK6			9	10	22	15	6	6	A-F	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on B-G.
29KQ6	*		5	10	0	44	10	6	F-H	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H-J. Cap goes to top of tube.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
29LE6	*		2	9	4	5	2	6	ABEFHJ	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H-J. Grid-1 short test - Depress F-H together. Grid-2 short test - Depress B-E together. Screen short test - Depress A-J together.
30			3	2	17	23	1	1	B	---	
30A5			6	10	30	30	1	6	J	C	Shall show short on B-E. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
30AG11	8	Triode-1	2	10	19	14	5	3	J	B	
30AG11		Diode-1	2	10	0	42	10	3	D	B	
30AG11	2	Triode-2	1	10	19	14	1	2	F		
30AG11		Diode-2	1	10	0	42	10	2	D		
30C18		Triode	7	7	15	9	1	6	H	C	Shall show short on E-F.
30C18		Pentode	1	7	5	40	9	6	B-J	C	
30CW5			9	10	0	7	9	6	A-E-F-G	C	OK above 1/4 scale. May show short on A-E-F-G-H-J. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
30HD5	2		4	10	5	9	1	8	A-G	H	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
30HJ5	2		4	10	5	9	1	8	A-G	H	Cap goes to top of tube.
30JZ6	3		6	10	15	21	5	7	E-G	J	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-F-H-J.
30KD6	4		1	10	0	43	10	8	G	D	Cap goes to top of tube.
30LW6			5	10	20	6	1	4	B-G	---	Shall show short on D-E-H-J.
30MB6	6		2	10	8	6	11	6	B-C-G	A	Shall show short on C-G. Grid cap goes to top of tube.
30MP23			2	10	5	5	2	6	B-D-E	C	Shall show short on B-E. Grid short test - Depress B-E together.
30MP27			2	10	5	5	2	6	B-D-E	C	Shall show short on B-E. Grid short test - Depress B-E together.
30PL12		Triode	8	8	30	12	8	7	G	D	
30PL12		Pentode	2	8	22	17	1	7	A-E	D	
31			3	2	31	8	1	1	B	---	
31A3			3	10	0	2	11	2	J	F	
31AL10	5		2	9	5	24	2	5	A-F	C	
31AL10	6		2	8	5	7	2	3	C-J	A-D	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
31AL10	8	Triode Pentode	2	8	5	35	2	2	C-J	A-G	Shall show short on E-H. Grid cap goes to top of tube. Shall show short on A-E-H-J. Cap goes to top of tube. Shall show short on A-E-H-J.
31JS6	3		6	10	7	5	5	7	E-G-H	J	
31LQ6			1	10	0	6	4	6	A-G-H	C	
31LR8			7	10	12	15	1	6	F	C	
31LR8			9	10	5	13	1	6	A-E	C	
31LZ6			1	10	0	46	10	7	AEGHJ	D	
32			7	2	24	35	3	1	B-C	---	
32A8			8	10	32	11	8	7	G	D	
32A8			2	10	23	17	1	7	A-E	D	
32ET5			2	10	0	22	11	7	F-J	D	
32GA7	6	Amp Rect	3	10	1	5	4	6	C	A	Shall show short on B-E. Grid short test - Depress B-E together. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on F-G. With G-109 adapter, cap goes to G-109 stud. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Read on Diode scale. Not able to check Pentode. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H. Shall show short on G-J individually.
32GA7	2		5	10	11	7	3	8	C-D		
32HQ7	5		1	10	0	45	10	5	A	C	
32HQ7	6		9	10	5	50	10	6	C		
32L7			4	10	6	11	3	1	B-C	---	
32L7			4	10	0	1	11	1	E	---	
33			3	2	29	16	4	1	B-D	---	
33GT7	4		2	10	0	24	10	8	E	D	
33GY7	3		5	10	0	24	10	7	D	J	
33GY7	4		8	10	5	7	8	8	J		
33HE7	3	Diode Pentode	3	10	0	5	3	7	---	J	
33HE7	6		9	10	10	50	10	8	---	---	
33JR6			9	10	5	7	7	7	A-G-H	D	
33JV6	5		2	10	8	36	6	5	G-J	C	
34			7	2	29	36	3	1	B-C	---	
34CD3	0		2	10	0	42	10	2	C	G	
34CE3	0		9	10	0	4	1	2	C	G	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
34CM3			8	10	0	45	10	6	A-J	C	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-J. Shall show short on B-E. Grid short test - Depress B-E together.
34GD5			2	10	0	16	6	7	F-J	D	
35-51			7	3	32	10	1	1	B-C	---	
35A5			5	10	8	10	3	1	B-C	---	
35B5			6	10	45	19	1	6	E	C	Shall show short on A-J. Grid short test - Depress A-J together.
35C3			9	10	0	9	11	6	E	C	
35C5			6	10	30	30	1	6	J	C	Shall show short on B-E. Grid short test - Depress B-E together.
35CD6			4	10	0	10	6	1	F-G	---	
35DZ8		Triode	8	10	18	28	1	6	G	C	
35DZ8		Pentode	2	10	13	17	1	6	A-E	C	
35EH5			8	10	0	22	6	7	F-J	D	Shall show short on B-E. Grid short test - Depress B-E together. * Fil Cont - Depress D then F; then both D-F together.
35GL6			2	10	8	10	5	7	E-J	*	
35HB8		Triode	8	10	28	10	5	7	B	D	
35HB8		Pentode	7	10	13	10	11	7	A-E	D	
35L6			4	10	8	11	3	1	B-C	---	Shall show short on E-H. Cap goes to top of tube. * Fil Cont - Depress D then F; then both D-F together. * Fil Cont - Depress J then D; then both J-D together.
35LR6	3		6	10	7	6	5	7	E-G-H	J	
35W4			1	10	0	1	11	7	E	*	
35Y4			7	10	0	1	11	9	B	*	
35Z3			7	10	0	1	11	1	B	---	* Fil Cont - Depress D then F; then both D-F together.
35Z4			3	10	0	1	11	1	D	---	
35Z5			7	10	0	1	11	9	D	---	
35Z6		Plate-1	7	10	0	0	11	1	B	---	
35Z6		Plate-2	7	10	0	0	11	1	D	---	
36			7	6	20	17	1	1	B-C	---	
36AM3			1	10	0	1	11	7	E	*	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-F-H-J. Cap goes to top of tube.
36KD6	4		1	10	0	45	10	8	G	D	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
36MC6			2	10	16	9	9	6	AEGHJ	C	Shall show short on A-E-H-J. Grid cap goes to top of tube. Grid short test - Depress E-J together. Screen short test - Depress A-H together.
37			3	6	27	11	1	1	B	---	
38			7	6	28	19	3	1	B-C	---	
38A3			1	10	0	42	10	7	E-G-H	D	May show short on E-G-H. Plate short test - Depress E-G-H together.
38HE7	3		3	10	0	5	3	7	D	J	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
38HE7	6		9	10	10	50	10	8	C		
38HK7	3		3	10	0	5	3	7	D	J	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
38HK7	6		9	9	5	50	10	8	C		
39-44			7	6	20	33	3	1	B-C	---	
40			3	5	14	41	1	1	B-C	---	
40FR5			2	10	0	15	6	7	F-J	D	Shall show short on B-E. Grid short test - Depress B-E together.
40KD6	4		1	10	0	43	10	8	G	D	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-F-H-J. Cap goes to top of tube.
40SUA			7	2	18	45	3	1	B-C	---	
41			4	6	26	19	3	1	B-C	---	
42			4	6	25	18	3	1	B-C	---	
42EC4	*		1	10	0	45	10	6	A-F-J	C	* Shall use Magnoval adapter. Shall show short on A-F-J. Cap goes to top of tube.
42KN6	6		9	10	10	5	2	6	C-G	A	Shall show short on C-G. Cap goes to top of tube.
43			4	9	27	16	3	1	B-C	---	
45			3	3	35	6	1	1	B-C	---	
45A5			5	11	15	16	4	2	D-J	F	Shall show short on A-B. Cathode short test - Depress A-B together.
45Z3			7	11	0	2	11	1	B-F	---	Shall show short on B-F. Plate short test - Depress B-F together.
46			3	3	31	10	4	1	B-D	---	
47			3	3	28	16	4	1	B-D	---	
48			4	10	20	14	3	1	B-C	---	
49			3	2	32	13	4	1	B-D	---	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
50			3	7	40	6	1	1	B	---	
50A5			5	11	8	10	3	1	B-C	---	
50B5			6	11	48	9	1	6	E	C	Shall show short on A-J. Grid short test - Depress A-J together.
50BK5			7	11	0	14	1	6	F-H	C	Shall show short on A-B. Grid short test - Depress A-B together.
50BM8		Triode	8	11	30	10	1	7	G	D	
50BM8		Pentode	2	11	2	9	5	7	A-E	D	
50C5			6	11	28	27	1	6	J	C	Shall show short on B-E. Grid short test - Depress B-E together.
50C6			4	11	5	9	3	1	B-C	---	
50CA5			7	11	0	4	1	6	B-E-F-J	C	Shall show short on B-E. Grid short test - Depress B-E together.
50DC4			1	11	0	42	10	7	E	*	* Fil Cont - Depress D then F; then both D-F together.
50EH5			8	11	0	22	6	7	F-J	D	Shall show short on B-E. Grid short test - Depress B-E together.
50FA5			2	11	0	15	6	7	F-J	D	Shall show short on B-E. Grid short test - Depress B-E together.
50FE5			4	11	5	10	3	1	B-C	---	
50FK5			2	11	0	29	6	7	F-J	D	Shall show short on B-E. Grid short test - Depress B-E together.
50FY8		Triode	8	11	27	10	8	6	G	C	
50FY8		Pentode	2	11	10	11	1	6	A-E	C	
50GY7	3	Diode	5	11	0	24	10	7	D	J	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
50GY7	4	Pentode	8	11	5	7	8	8	J		
50HC6			2	11	35	12	12	7	J	D-F	May show leakage on A.
50HK6			2	11	35	14	12	7	J	D-F	May show leakage on A.
50HN5			6	11	0	16	7	6	A-G	C	Shall show short on H-J.
50JY6			4	11	15	38	9	1	G	---	Shall show short on C-H.
50L6			4	11	8	10	3	1	B-G	---	
50X6		Plate-1	7	11	0	2	11	1	C	---	
50X6		Plate-2	7	11	0	2	11	1	E	---	
50Y6		Plate-1	7	11	0	2	11	1	D	---	
50Y6		Plate-2	7	11	0	2	11	1	B	---	
50Y7		Plate-1	7	11	0	4	1	1	B	*	* Fil Cont - Depress A then E; then A-E together.
50Y7		Plate-2	7	11	0	4	1	1	D	*	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
50Z7		Plate-1	7	11	0	2	11	1	B	*	* Fil Cont - Depress A then E; then A-E together.
50Z7		Plate-2	7	11	0	2	11	1	D	*	
52			3	6	31	9	4	1	B-D	---	
53		Triode-1	3	3	35	9	1	1	B	---	
53		Triode-2	5	3	35	9	1	1	F	---	
53HK7	3		3	11	0	5	3	7	D	J	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
53HK7	6		9	9	5	50	10	8	C		
55		Triode	7	3	25	13	1	1	B	---	
55		Diode-1	7	3	0	35	10	1	C	---	
55		Diode-2	7	3	0	35	10	1	D	---	
56			3	3	15	17	1	1	B	---	
56A			3	6	15	16	1	1	B	---	
57			7	3	10	40	3	1	B-C	---	
57A			7	6	10	40	3	1	B-C	---	
58			7	3	17	33	3	1	B-C	---	
58A			7	6	17	33	3	1	B-C	---	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on D.
58HE7	3		3	11	0	5	3	7	D	J	
58HE7	6		9	11	10	50	10	8	C		
59			4	3	28	18	3	1	B-C	---	Shall show short on B-E. Grid short test - Depress B-E together.
60FX5			1	11	0	28	6	7	F-J	D	
60HL5			6	11	0	16	7	6	A-G	C	Shall show short on H-J.
70A7		Amp	4	13	7	11	3	1	B-C	*	* Fil Cont - Set Control B at 11 - Depress A then E; then A-E together.
70A7	**	Rect	7	13	0	0	11	1	A-E	*	* ** Rect test - See instructions.
70L7		Amp	4	13	7	11	3	1	B-C	*	* Set Control B at 11.
70L7		Rect	7	13	0	1	11	1	F	*	
71			3	5	37	5	1	1	B	---	
75		Triode	7	6	12	37	1	1	B	---	
75		Diode-1	7	6	0	30	10	1	C	---	
75		Diode-2	7	6	0	30	10	1	D	---	
76			3	6	15	17	1	1	B	---	
77			7	6	12	39	3	1	B-C	---	
78			7	6	16	33	3	1	B-C	---	
79		Triode-1	3	6	33	10	1	1	B	---	
79		Triode-2	7	6	33	10	1	1	E	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
80		Plate-1	7	5	0	8	11	1	B	---	
80		Plate-2	7	5	0	8	11	1	C	---	
81			7	7	0	13	11	1	B	---	
82		Plate-1	7	3	0	2	11	1	B	---	
82		Plate-2	7	3	0	2	11	1	C	---	
83		Plate-1	7	5	0	2	11	1	B	---	
83		Plate-2	7	5	0	2	11	1	C	---	
84		Plate-1	7	6	0	4	11	1	B	---	
84		Plate-2	7	6	0	4	11	1	C	---	
85		Triode	7	6	25	12	1	1	B	---	
85		Diode-1	7	6	0	35	10	1	C	---	
85		Diode-2	7	6	0	35	10	1	D	---	
89			7	6	26	19	3	1	B-C	---	
99			3	4	27	20	1	1	B	---	
117L7		Amp	7	17	0	2	11	1	E	*	* Fil Cont - Set Control B at 11.
117L7		Rect	3	17	5	11	4	1	B-D	*	
117M7		Amp	7	17	0	2	11	1	E	*	* Fil Cont - Set Control B at 11.
117M7		Rect	3	17	5	11	4	1	B-D	*	
117N7		Amp	3	17	5	11	4	1	B-D	*	* Fil Cont - Set Control B at 11.
117N7	**	Rect	7	17	0	0	11	1	A	*	* ** See Instructions.
117P7		Amp	3	17	9	13	4	1	B-D	*	* Fil Cont - Set Control B at 11.
117P7	**	Rect	7	17	0	0	11	1	A	*	* ** See 117N7 instructions.
117Z3			1	17	0	1	11	6	A-E	*	* Fil Cont - Set Control B at 11; Depress C. May show short on A-E.
117Z4			7	17	0	1	11	1	D	*	* Fil Cont - Set Control B at 11.
117Z6		Plate-1	7	17	0	1	11	1	D	*	* Fil Cont - Set Control B at 11.
117Z6		Plate-2	7	17	0	1	11	1	B	*	
163PEN			9	8	15	18	7	6	A-G	C	
182A			3	5	37	5	1	1	B	---	
182B			3	5	33	6	1	1	B	---	
183			3	5	35	5	1	1	B	---	
*205D			3	5	32	10	1	1	B	---	
247A			3	2	17	25	1	1	B	---	
259A			7	3	20	37	3	1	B-C	---	
262B			7	8	21	20	1	1	B	---	
264C			3	1	26	18	1	1	B	---	
271A			3	5	32	7	1	1	B	---	
274A		Plate-1	7	5	0	7	11	1	B	---	
274A		Plate-2	7	5	0	7	11	1	C	---	
283A			7	3	22	28	3	1	B-C	---	
300B			3	5	40	4	1	1	B	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
307A			3	5	34	6	1	1	B-G	---	
310B			7	8	18	29	3	1	B-C	---	
313C			7	1	0	14	1	1	B	---	May show short on A.
328A			7	7	20	29	3	1	B-C	---	
329A			7	7	22	19	3	1	B-C	---	
331B			7	7	17	20	3	1	B-C	---	
336A			4	8	20	21	3	1	B-C	---	
345A		Plate-1	7	6	0	4	1	1	B	---	
345A		Plate-2	7	6	0	4	1	1	C	---	
347A			7	6	20	23	1	1	C	---	
348A			7	6	22	29	3	1	B-C	---	
349A			4	6	25	18	3	1	B-C	---	
350A			3	6	12	12	2	1	B-G	---	
350B			4	6	8	11	3	1	B-C	---	
351A		Plate-1	7	6	0	4	11	1	B	---	
351A		Plate-2	7	6	0	4	11	1	D	---	
396A		Triode-1	2	6	26	8	1	3	C	H	
396A		Triode-2	1	6	26	8	1	3	E	H	
398A			3	6	12	11	5	1	E-F	---	
401A			1	6	11	32	6	7	E-F	D	Shall show short on B-J. Cathode short test - Depress B-J together.
403B			1	6	14	28	6	6	E-F	C	Cathode short test - Depress B-J together. * Fil Cont - Depress G then H; then G-H together.
407A		Triode-1	2	12	9	15	1	6	C	*	
407A		Triode-2	1	12	9	15	1	6	E	*	
412A		Plate-1	9	6	0	4	1	6	G	C	
412A		Plate-2	9	6	0	4	1	6	H	C	
417A			9	6	0	14	1	3	H	B	Shall show short on A-C-D-F. Grid short test - Depress A-C-D-F together.
482A			3	5	37	5	1	1	B	---	
482B			3	5	33	6	1	1	B	---	
483			3	5	35	5	1	1	B	---	
484			3	4	17	17	1	1	B	---	
485			3	4	17	17	1	1	B	---	
502A			4	6	0	3	12	1	B	---	
585			3	7	37	6	1	1	B	---	
586			3	7	37	6	1	1	B	---	
717A			3	6	15	30	5	1	E-F	---	Shall show short on B-D. Cathode short test - Depress B-D together.
801			3	7	30	10	1	1	B	---	
802			4	6	24	25	3	1	C-G	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
807			3	6	9	12	2	1	B-G	---	
807-A			3	6	9	12	2	1	B-G	---	
809			3	6	17	30	1	1	G	---	
811A			3	6	38	7	2	1	G	---	
816			4	3	0	1	11	1	G	---	
837			4	8	20	23	3	1	C-G	---	
841			3	7	42	8	12	1	B	---	
842			3	7	45	5	12	1	B	---	
843			3	3	30	10	1	1	B	---	
854			3	1	27	18	1	1	B	---	
866A			2	3	0	0	11	1	G	---	
866Jr			7	4	0	2	11	1	B	---	
884			7	6	0	2	11	1	B-D	---	
885			7	3	0	2	11	1	B-C	---	
932			7	2	21	31	3	1	B-C	---	
ACORN TUBE TEST DATA - USE ONLY PRECISION MODEL G-108 SPECIAL ADAPTER. Top of Acorn tube under test shall be on socket side of adapter.											
950			3	2	29	20	4	1	B-D	---	
954			4	6	20	33	2	1	B-E	---	
955			3	6	25	13	1	1	B	---	
956			4	6	20	33	2	1	B-E	---	
957			3	1	24	22	1	1	B	*	* Fil Cont - Depress A then A-F together.
958			3	1	27	10	1	1	B	*	* Fil Cont - Depress A then A-F together.
959			4	1	24	33	2	1	B-E	*	* Fil Cont - Depress A then A-F together.
1005		Plate-1	7	6	0	4	12	4	B	E	
1005		Plate-2	7	6	0	4	12	4	D	E	
Shall show short on C-D-E-F-G-J. Cathode short test - Depress D-E together. Grid short test - Depress G-J together. Plate short test - Depress C-F together.											
1201			7	6	0	28	1	8	C-F-G	---	
1203			7	6	0	46	10	1	D	---	
Shall show short on A-D-E. Cathode short test - Depress A-D-E together.											
1204			7	6	15	31	9	4	C-J	B	
1206		Sect-1	7	6	23	27	3	1	C-F-G	---	
1206		Sect-2	4	6	23	27	3	1	B-C	---	
1222A			3	6	7	13	2	5	J-B	H	
1231			5	6	5	36	3	1	B-C	---	
1232			5	6	5	40	3	1	B-C	---	
1273			5	6	15	33	3	1	B-C	---	
*1276			3	5	35	4	1	1	B	---	
1280			5	8	15	33	3	1	B-C	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
1282			5	6	10	38	3	1	B-C	---	Cathode short test - Depress D-F together.
1284			5	8	10	26	3	1	B-C	---	
1291		Triode-1	3	1	17	18	1	6	B	*	* Fil Cont - Depress A then J; then A-J together.
1291		Triode-2	5	1	17	18	1	6	F	*	
1293			5	1	20	18	1	1	B	---	
1294		Diode	7	1	0	25	10	1	D	---	
1299			5	1	10	24	3	4	B-C	*	* Fil Cont - Depress A then J; then A-J together.
1602			3	7	30	10	1	1	B	---	
1603			7	6	11	40	3	1	B-C	---	
1609			3	1	20	30	4	1	B-D	---	
1610			3	3	28	16	4	1	B-D	---	
1611			4	6	25	18	3	1	B-C	---	
1612		Input	7	6	25	11	1	1	C	---	OK above 1/3 scale.
1612		Output	4	6	12	50	3	1	B-C	---	---
1613			4	6	25	18	3	1	B-C	---	
1614			4	6	9	12	3	1	B-C	---	
1619			4	3	12	15	3	1	B-C	---	
1620			7	6	10	39	3	1	B-C	---	
1621			4	6	25	18	3	1	B-C	---	
1622			4	6	9	12	3	1	B-C	---	
1624			3	3	12	15	2	1	B-G	---	
1625			4	8	9	12	3	1	C-G	---	
1626			4	8	30	6	1	1	B	---	
1629		Triode	4	8	23	24	1	1	B	---	
1629		Eye	7	8	0	0	2	1	C-B	---	See instructions for eye test.
1631			4	8	9	12	3	1	B-C	---	
1632			4	8	8	10	3	1	B-C	---	
1633		Triode-1	3	9	15	16	1	4	D	---	
1633		Triode-2	8	9	15	16	1	4	J-B	---	
1634		Triode-1	3	8	19	27	1	4	D	---	
1634		Triode-2	2	8	19	27	1	4	J-B	---	
1635		Triode-1	4	6	30	17	1	1	E	---	
1635		Triode-2	3	6	30	17	1	1	B	---	
1639		Triode	7	6	31	10	7	1	B	---	
1639		Diode-1	7	6	0	27	10	1	D	---	
1639		Diode-2	7	6	0	27	10	1	C	---	
1644		Pent-1	2	8	22	24	4	5	C-D	---	
1644		Pent-2	8	8	22	24	4	5	D-F	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
1650			3	6	25	13	1	1	B	---	Use Precision G-108 Special Adapter - Top of tube shall be on socket side of adapter.
1655		Triode-1	3	6	19	27	1	4	D	---	
1655		Triode-2	2	6	19	27	1	4	J-B	---	
1657			4	6	0	3	12	1	B	---	
1659		Triode	7	3	12	40	1	1	B	---	
1659		Diode-1	7	3	0	35	10	1	C	---	
1659		Diode-2	7	3	0	35	10	1	D	---	
											* Fil Cont - Depress A then J; then A-J together. Shall show short on B-F. Plate short test - Depress B-F together.
1662			4	1	15	26	3	5	B-C-F	*	
1665			4	6	0	3	12	1	B	---	
1851			7	6	4	34	3	1	B-C	---	
1852			3	6	4	34	5	1	E-F	---	
1853			3	6	13	31	5	1	E-F	---	
2050			4	6	0	3	12	1	B	---	
2051			4	6	0	3	12	1	B	---	
											Shall show short on B-J. Cathode short test - Depress B-J together.
5590			1	6	11	32	6	7	E-F	D	
5603			3	6	12	11	5	1	E-F	---	
											Shall show short on A-E. Plate short test - Depress A-E together.
5610			6	6	30	7	1	5	A-E	C	
											* Fil Cont - Depress A then J; then A-J together.
5618			6	3	20	14	3	5	B-C	*	
											Shall show short on F-J. Cathode short test - Depress F-J together.
5636			8	6	26	21	11	5	A-D	B	
											Connect the two bottom leads of tube to pins 1 and 2 of octal socket. Connect top lead to grid cap.
5642			5	1	0	44	11	1	G	H	
5654			1	6	14	28	6	6	E-F	C	
5663			1	7	0	4	1	6	J-B	C	
5670		Triode-1	1	6	25	10	1	2	E	G	
5670		Triode-2	2	6	25	10	1	2	C	G	
5672			3	1	10	34	11	6	H-J	B	
5676			2	1	17	17	1	1	H-J	C	
5678			3	1	25	47	10	6	H-J	B	
											* Fil Cont - Depress A then J; then A-J together.
5679		Diode-1	7	4	0	25	10	6	E	*	
5679		Diode-2	7	4	0	25	10	6	C	*	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
5687		Triode-1	1	6	27	5	1	4	G	*	* Fil Cont - Depress C then D; then C-D together.
5687		Triode-2	9	6	27	5	1	4	H-J	*	
5691		Triode-1	8	6	14	30	1	4	J	---	
5691		Triode-2	3	6	14	30	1	4	D	---	
5692		Triode-1	3	6	15	16	1	4	D	---	
5692		Triode-2	8	6	15	16	1	4	J	---	
5693			3	6	10	39	5	1	E-F	---	
5695			7	4	0	2	11	1	B	---	
5696			1	6	0	4	1	6	F	C	Shall show short on E-J. Screen short test - Depress E-J together.
5702			1	6	12	30	9	8	H-J	---	
5703			4	6	18	20	11	8	H	---	
5718			8	6	15	10	1	5	F	B	
5719			8	6	8	28	10	5	F	B	OK above 1/3 scale.
5725			1	6	5	41	6	6	E-F	C	
5726		Diode-1	7	6	0	25	10	6	J	C	
5726		Diode-2	7	6	0	25	10	6	B	C	
5727			1	6	0	4	1	6	F	C	Shall show short on E-J. Screen short test - Depress E-J together.
5744			3	6	7	28	1	1	H	B	
5749			1	6	9	40	6	6	E-F	C	OK above 1/3 scale.
5750		Amp	6	6	47	47	9	6	E-J	C	
5750		Osc	1	6	21	9	1	6	F	C	
5751		Triode-1	1	6	9	38	1	3	E	*	* Fil Cont - Depress C then D; then C-D together.
5751		Triode-2	9	6	9	38	1	3	H	*	
5763			6	6	9	15	5	6	E-H	C	Pin-9 shall be opencircuited. To test this tube if using Precision G-109 adapter, leave off grid cap connection to side stud of adapter.
5784			1	6	25	45	10	7	H-J	B	
5812			1	4	9	14	6	1	E-F	*	* Fil Cont - Depress C then D; then C-D together.
5814		Triode-1	1	6	27	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
5814		Triode-2	9	6	27	10	2	3	H	*	
5823			1	18	0	0	12	6	A	---	Shall show short on C-J.
5824			4	9	9	9	3	1	B-C	---	
5840			8	6	24	8	1	5	A-D	B	Shall show short on C-F-J. Cathode short test - Depress C-F-J together.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
5842			9	6	0	14	1	3	H	B	Shall show short on A-C-D-F. Grid short test
5844		Triode-1	5	6	16	13	7	6	B	C	- Depress A-C-D-F together.
5844		Triode-2	6	6	16	13	7	6	A-D	C	
5845			2	3	0	50	6	1	A	*	* Fil Cont - Depress C then D; then C-D
5845			2	3	0	50	6	1	E	*	together. OK above 1/4 scale.
5847			8	6	6	28	6	8	E-F	G	
5879			8	6	13	43	1	6	A-F	C	
5881			4	6	5	16	3	1	B-C	---	
5896		Diode-1	6	6	0	4	7	8	D	E	
5896		Diode-2	6	6	0	4	7	8	H	E	
5899			8	6	13	47	10	5	A-D	B	Shall show short on C-F-J. Cathode short
5902A			8	6	5	11	1	5	A-D	B	test - Depress C-F-J together.
5915		Amp	6	6	37	43	9	6	E-J	C	Shall show short on C-F-J. Cathode short
5915		Osc	1	6	31	6	1	6	F	C	test - Depress C-F-J together.
5931		Plate-1	7	5	0	5	11	1	C	---	OK above 1/3 scale.
5931		Plate-2	7	5	0	5	11	1	E	---	
5932			4	6	9	12	3	1	B-C	---	
5933			3	6	9	12	2	1	B-G	---	
5963		Triode-1	1	6	27	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D
5963		Triode-2	9	6	27	10	2	3	H	*	together.
5964		Triode-1	5	6	24	11	7	6	B	C	
5964		Triode-2	6	6	24	11	7	6	A	C	
5965		Triode-1	1	6	25	9	1	3	E	*	* Fil Cont - Depress C then D; then C-D
5965		Triode-2	9	6	25	9	1	3	H	*	together.
6005			6	6	50	30	1	6	E	C	Shall show short on A-J. Grid short test -
6012			8	6	10	8	1	9	D-F	J	Depress A-J together.
6021		Triode-1	1	6	12	15	1	5	F	B	
6021		Triode-2	9	6	12	15	1	5	H	B	
6025			8	6	15	10	2	5	A-D	B	Shall show short on F-J. Cathode short test -
6029			2	1	10	26	11	1	H	C	Depress F-J together.
6046			4	9	8	10	3	1	B-C	---	
6072		Triode-1	1	6	25	20	1	3	E	*	* Fil Cont - Depress C then D; then C-D
											together.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6072		Triode-2	9	6	25	20	1	3	H	*	
6080		Triode-1	3	6	25	4	1	4	E	---	
6080		Triode-2	8	6	25	4	1	4	J	---	
6084			5	6	4	6	8	6	E-G	C	Screen short test - Depress A-J together. * Fil Cont - Depress C then D; then C-D together.
6085		Triode-1	9	6	28	10	2	3	H	*	
6085		Triode-2	1	6	28	10	2	3	E	*	
6087		Plate-1	7	5	0	8	11	1	C	F	
6087		Plate-2	7	5	0	8	11	1	E	F	
6088			3	1	22	50	10	6	H-J	B	Cap goes to G-109 adapter. Shall show short on A-C-E-G-H-J.
6094			8	6	0	44	10	6	ACEGHJ	B	Cathode short test - Depress B-J together.
6096			1	6	14	28	6	6	E-F	C	
6097		Diode-1	7	6	0	25	10	6	J	C	
6097		Diode-2	7	6	0	25	10	6	B	C	
6098			1	6	10	12	4	4	B-D	E	
6111		Triode-1	1	6	11	47	10	5	F	B	
6111		Triode-2	9	6	11	47	10	5	H	B	
6112		Triode-1	1	6	14	49	10	5	F	B	
6112		Triode-2	9	6	14	49	10	5	H	B	
6135			6	6	24	10	1	6	A-E	C	Plate short test - Depress A-E together.
6136			1	6	10	38	6	6	E-F	C	
6137			3	6	16	33	5	1	E-F	---	
6146			4	6	13	5	1	1	B-G	---	Shall show short on C-E-H. Cathode short test - Depress C-E-H together.
6159			4	9	13	5	1	1	B-G	---	Shall show short on C-E-H. Cathode short test - Depress C-E-H together.
6187			1	6	5	41	6	6	E-F	C	OK above 1/3 scale.
6188		Triode-1	8	6	14	30	1	4	J	---	
6188		Triode-2	3	6	14	30	1	4	D	---	
6189		Triode-1	1	6	27	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
6189		Triode-2	9	6	27	10	2	3	H	*	
6197			1	6	0	11	1	6	B-E-F	C	Shall show short on B-F-G-J. * Fil Cont - Depress C then D; then C-D together.
6201		Triode-1	1	6	29	10	2	3	E	*	
6201		Triode-2	9	6	29	10	2	3	H	*	
6202		Plate-1	2	6	0	5	11	6	F	C	
6202		Plate-2	2	6	0	5	11	6	A	C	
6203		Diode-1	9	6	0	44	10	7	G	D	
6203		Diode-2	9	6	0	44	10	7	H	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6205			8	6	24	8	1	5	A-D	B	Shall show short on F-J. Cathode short test - Depress F-J together.
6206			8	6	10	32	1	5	A-D	B	Shall show short on F-J. Cathode short test - Depress F-J together.
6211		Triode-1	1	6	17	12	1	3	E	*	* Fil Cont - Depress C then D; then C-D together.
6211		Triode-2	9	6	17	12	1	3	H	*	
6216			9	6	4	12	1	7	A-E-H	D	Shall show short on B-E-F-H. Plate short test - Depress E-H together. Cathode short test - Depress B-F together.
6216A			9	6	25	32	1	7	E-H	D	Shall show short on B-E-F-H. Cathode short test - Depress B-F together.
6227			9	6	10	10	6	6	A-F	C	Shall show short on E-H.
6265			1	6	12	40	6	6	E-F	C	
6267			7	6	17	32	8	6	E-H	C	Shall show short on A-J.
6336		Triode-1	3	6	0	4	1	4	D	---	
6336		Triode-2	8	6	0	4	1	4	J	---	
6336A		Triode-1	3	6	0	46	10	9	D	F	
6336A		Triode-2	8	6	0	46	10	9	J	F	
6350		Triode-1	6	6	10	14	7	3	E	*	* Fil Cont - Depress C then D; then C-D together.
6350		Triode-2	2	6	10	14	7	3	H	*	
6360		Tetr-1	2	6	18	32	1	3	A-F	*	* Fil Cont - Depress C then D; then C-D together.
6360		Tetr-2	8	6	18	32	1	3	A-E	*	
6386		Triode-1	1	6	20	9	1	2	E	G	May show short on D.
6386		Triode-2	2	6	20	9	1	2	C	G	
6394		Triode-1	3	9	10	4	1	4	D	---	
6394		Triode-2	8	9	10	4	1	4	J	---	
6463		Triode-1	2	6	24	8	1	3	H	*	* Fil Cont - Depress C then D; then C-D together.
6463		Triode-2	6	6	24	8	1	3	E	*	
6550			4	6	5	15	3	1	B-C	---	
6660			1	6	9	40	6	6	E-F	C	
6661			1	6	12	40	6	6	E-F	C	
6662			1	6	7	40	6	6	E-F	C	
6663		Diode-1	7	6	0	25	10	6	J	C	
6663		Diode-2	7	6	0	25	10	6	B	C	
6669			6	6	50	30	1	6	E	C	Shall show short on A-J. Grid short test - Depress A-J together.
6677			1	6	0	11	1	6	B-E-F	C	Shall show short on B-F-G-J.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
6678		Triode	7	6	18	11	1	6	H	C	
6678		Pentode	9	6	13	3	1	6	B-E	C	
6679		Triode-1	1	6	29	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
6679		Triode-2	9	6	29	10	2	3	H	*	
6680		Triode-1	1	6	27	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
6680		Triode-2	9	6	27	10	2	3	H	*	
6681		Triode-1	1	6	10	38	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
6681		Triode-2	9	6	10	38	2	3	H	*	
6686			9	6	11	10	3	7	A-F-G	D	Shall show short on E-H. Shall show short on B-H. Cathode short test
6688			9	6	13	27	7	7	A-G	D	Depress B-H together.
6689			9	6	15	33	6	7	A-G	D	
6829		Triode-1	1	6	21	10	1	3	E	*	* Fil Cont - Depress C then D; then C-D together.
6829		Triode-2	9	6	21	10	1	3	H	*	
6919		Diode-1	7	6	0	23	10	6	J	C	
6919		Diode-2	7	6	0	23	10	6	B	C	
6922		Triode-1	1	6	7	8	3	7	E	D	
6922		Triode-2	9	6	7	8	3	7	H	D	
6939		Pent-1	2	6	12	25	1	3	A-F	*	* Fil Cont - Depress C then D; then C-D together.
6939		Pent-2	8	6	12	25	1	3	A-E	*	
6973			8	6	0	13	9	7	F-G-H	D	Shall show short on B-E-F-H. Grid short test Depress B-E together. Screen short test - Depress F-H together.
7025		Triode-1	1	6	10	38	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
7025		Triode-2	9	6	10	38	2	3	H	*	
7027			4	6	0	10	9	1	B-C-H	---	Ignore glow on C. Shall show short on C-D- E-H. Screen short test - Depress C-H together. Grid short test - Depress D-E together.
7036		Amp	6	6	37	43	9	6	E-J	C	OK above 1/3 scale.
7036		Osc	1	6	31	6	1	6	F	C	---
7054			9	8	18	14	11	6	A-F	C	Shall show short on B-G.
7055		Diode-1	7	8	0	25	10	6	J	C	
7055		Diode-2	7	8	0	25	10	6	B	C	
7056			1	8	10	39	6	6	E-F	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
7057		Triode-1	1	8	26	8	1	6	E	C	
7057		Triode-2	9	8	26	8	1	6	H	C	
7058		Triode-1	1	8	12	31	2	6	E	C	
7058		Triode-2	9	8	12	31	2	6	H	C	
7059		Triode	7	8	18	11	1	6	H	C	
7059		Pentode	9	8	12	37	2	6	B-E	C	
7060		Triode	9	8	14	16	1	6	B	C	
7060		Pentode	1	8	9	23	11	6	F-G	C	
											Shall show short on B-E-F-H. Grid short test Depress B-E together. Screen short test - Depress F-H together. * Fil Cont - Depress C then D; then C-D together.
7061			2	8	0	13	1	6	F-G-H	C	
7119		Triode-1	1	6	27	5	1	4	G	*	
7119		Triode-2	9	6	27	5	1	4	H	*	
											Shall show short on B-J. Cathode short test - Depress B-J together. May show short on H-J.
7167			1	8	20	21	6	6	E-F	C	
7189			9	6	0	23	7	6	A-G	C	
7199		Triode	7	6	18	11	2	7	H	D	
7199		Pentode	1	6	12	33	2	7	B-J	D	
7233			2	6	18	45	10	6	ABEGHJ	C	Shall show short on A-B-E-G-H-J. * Fil Cont - Depress C then D; then C-D together.
7247		Triode-1	1	6	33	10	1	3	E	*	
7247		Triode-2	9	6	27	10	1	3	H	*	
7258		Triode	9	8	12	26	11	6	H	C	
7258		Pentode	6	8	7	34	1	6	A-E	C	
7308		Triode-1	7	6	5	5	1	6	H-J	C	
7308		Triode-2	7	6	5	5	3	6	A-E	C	
7320			7	6	45	32	5	6	A	C	Shall show short on H-J.
7355			5	6	8	13	6	1	B-F	---	
7360			2	6	5	36	9	6	E-F-J	C	
											Shall show short on B-F-G-H. Cathode short test - Depress H-G together. Screen short test - Depress B-F together. Shall show short on B-F-G-H. Cathode short test - Depress H-G together. Screen short test - Depress B-F together.
7551			9	8	0	10	3	7	B-E-F	D	
7558			9	6	2	10	3	7	B-E-F	D	
7581			4	5	26	10	11	1	B-C	---	
7586			9	6	24	42	10	6	H	C	
7643		Triode	7	6	18	10	1	6	H	C	
7643		Pentode	9	6	16	33	2	6	B-E	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
7728		Triode-1	1	6	29	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
7728		Triode-2	9	6	29	10	2	3	H	*	
7729		Triode-1	1	6	12	31	2	3	E		* Fil Cont - Depress C then D; then C-D together.
7729		Triode-2	9	6	12	31	2	3	H		
7730		Triode-1	1	6	27	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
7730		Triode-2	9	6	27	10	2	3	H	*	
7731		Triode	7	6	18	11	1	6	H	C	
7731		Pentode	9	6	12	37	2	6	B-E	C	
7733			9	6	18	14	11	5	A-F	*	* Fil Cont - Depress C then D; then C-D together. Shall show short on B-G. Suppressor Short test - Depress B-G together.
7755			4	6	5	5	3	1	B-D	A	
7788			9	6	15	47	10	6	E-G	C	
7802		Triode-1	8	6	3	5	2	9	J	F	
7802		Triode-2	3	6	3	5	2	9	D	F	
7868			6	6	0	12	9	7	A-G-H	C	Will show short on A-E-H-J.
7898		Triode-2	1	7	28	5	2	3	H-J	*	* Depress C-D together.
7984	7		3	8	4	10	11	5	D-G-H	F	Use grid cap. Shall show short on B-J-D-H. Cathode short test - Depress B-J together.
8016	*										* Same as 1B3. Shall show short on C-E-H. Cathode short test - Depress C-E-H together.
8032			4	8	5	7	1	1	B-G	A	
8056			9	6	7	26	10	7	H	C	OK above 1/3 scale.
8077			9	8	18	14	11	6	A-F	C	Shall show short on B-G.
8102		Triode	2	8	10	15	1	6	H	C	
8102		Pentode	7	8	5	38	1	6	A-E	C	
8106			1	8	11	9	1	6	B-F-G	C	May show short on B-E-F-G-J. Cathode short test - Depress E-G-J together. Shall show short on B-J. Cathode short test - Depress B-J together.
8113			1	6	28	10	11	7	E-F	D	
8136			1	6	7	38	6	6	E-F	C	
8156	4		8	8	6	15	9	6	A-F-G-J	B	Shall show short on A-F-G. Do not use grid cap.
8203			9	6	24	42	10	6	H	C	
8233	*		6	6	6	16	2	6	B-H-J	C	* Shall use Magnoval adapter. Shall show short on A-E-G-J.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
8278	*		1	6	0	42	10	6	A-B	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H-J.
8298			4	6	5	7	1	1	B-G	---	Shall show short on C-E-H. Cathode short test - Depress C-E-H together.
8417			4	6	5	13	3	1	B-C	---	
8425			1	6	14	40	6	6	E-F	C	
8441			9	6	9	45	10	7	H	D	
8532			8	6	0	18	1	6	J	C	Shall show short on A-E-F. Grid short test - Depress A-E-F together.
8908			2	6	34	47	10	9	DEGHJ	F	Grid-1 short test - Depress D-H together. Grid-3 short test - Depress E-J together.
8950	3		6	8	7	6	5	7	E-H	J	Shall show short on D-E-G-H. Cap goes to top of tube.
9001			1	6	20	33	6	6	E-F	C	Cathode short test - Depress B-J together.
9002			6	6	25	14	1	6	A-E	C	Cathode short test - Depress B-J together.
9003			1	6	19	32	6	6	E-F	C	Plate test - Depress A-E together.
9004			4	6	0	25	10	1	B	---	Cathode short test - Depress B-J together.
9005			4	4	0	25	1	1	C	---	Shall show short on F.
9006		Diode	7	6	0	25	10	6	A-E	C	Cathode short test - Depress B-J together.
A1834		Triode-1	3	6	15	4	1	4	D	---	Plate test - Depress A-E together.
A1834		Triode-2	8	6	15	4	1	4	J	---	
AA91E		Diode-1	7	6	0	25	10	6	J	---	
AA91E		Diode-2	7	6	0	25	10	6	B	---	
ABC-91			4	8	13	16	3	1	B-C	---	
CK-501-AX			3	1	16	47	11	6	H-J	B	
CK-502-AX			3	1	26	50	10	6	H-J	B	
CK-503-AX			3	1	28	50	10	6	H-J	B	
CK-506-AX			3	1	25	47	10	6	H-J	B	
CK-507-AX			3	1	23	50	10	6	H-J	B	
CK-521-AX			3	1	20	48	10	6	H-J	B	
CK-522-AX			3	1	22	50	10	6	H-J	B	
CK-527-AX			3	1	26	43	10	6	H-J	B	
CK-532-AX			3	1	11	44	10	8	H-J	D	OK above 1/3 scale.
CK-536-AX			3	1	11	46	10	8	H-J	D	OK above 1/3 scale.
CK-542-DX			3	1	25	50	10	6	H-J	B	
CK-553-AXA			3	1	25	47	10	6	H-J	B	
CK-556-AX			2	1	20	15	1	1	H	C	
CK-568-AX			2	1	15	23	1	1	H	C	
CK-569-AX			3	1	25	47	10	6	H-J	B	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
CK-573-AX			2	1	10	26	11	1	H	C	
CK-605-CX			1	6	12	30	9	8	H-J	C	
CK-606-BX			7	6	0	25	10	1	H	B	
CK-608-CX			4	6	18	20	11	8	H	C	
CK-619-CX			3	6	14	20	1	1	H	B	
CK-1013			8	1	0	9	12	2	G	---	Shall show short on A-B-F-J. May show short on C-E. Cathode short test - Depress A-B-F-J together.
CK-5517			8	1	0	9	12	2	G	---	Shall show short on A-B-F-J. May show short on C-E. Cathode short test - Depress A-B-F-J together.
CK-5608		Triode-1	5	3	28	11	1	9	F	J	Shall show short on D.
CK-5608		Triode-2	3	3	28	11	1	9	B	J	
CK-5694		Triode-1	3	6	28	12	1	1	B	---	
CK-5694		Triode-2	4	6	28	12	1	1	E	---	
CK5755		Triode-2	5	6	16	29	2	6	E-F	G	Shall show short on C-G.
CK5755		Triode-1	5	6	16	35	2	7	B-H	G	Shall show short on D-G.
CK-5829		Diode-1	7	6	0	25	10	6	E	B	
CK-5829		Diode-2	7	6	0	25	10	6	H	B	
CK-5854			3	1	25	34	10	6	H-J	B	OK above 1/3 scale.
CK6293			6	6	4	8	4	9	B-D-G	J	Shall show short on C-E-H. Cathode short test - Depress C-E-H together.
CK6526			3	1	12	50	10	6	H-J	B	
DA-90		Diode	7	1	0	30	10	1	B-F	---	Shall show short on B-E-F. Plate short test - Depress B-F together.
DAC-32		Triode	7	1	25	46	11	1	B	---	
DAC-32		Diode	7	1	0	35	10	1	D	---	
DAF-91		Pentode	6	1	20	35	4	1	D-E	---	
DAF-91		Diode	7	1	0	35	10	1	C	---	
DAF92		Pentode	6	1	20	35	3	1	B-C	---	
DAF92		Diode	6	1	0	35	10	1	D	---	
DAF-96		Pentode	6	1	19	42	11	1	D-E	---	OK above 1/3 scale.
DAF-96		Diode	2	1	0	37	10	1	C	---	
DC-90			8	1	0	30	7	1	B-C	---	Shall show short on B-C-E-F. Grid short test - Depress E-F together. Plate short test - Depress B-C together.
DC-96			5	1	0	23	12	1	B-C	---	Shall show short on B-C-E-F. Grid short test - Depress E-F together. Plate short test - Depress B-C together.
DCC-90		Triode-1	3	1	20	14	1	6	B	*	* Fil Cont - Depress A then J; then A-J together.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
DCC-90		Triode-2	5	1	20	14	1	6	F	*	
DF-11			1	1	12	43	5	1	D-E	B	Shall show short on F.
DF-33			7	1	20	41	3	1	B-C	---	
DF-91			6	1	22	37	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
DF-92			6	1	17	37	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
DF-96			6	1	25	34	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
DF-97			6	1	22	41	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
DF-904			6	1	19	40	3	1	B-C	*	* Fil Cont - Depress A then E; then A-E together.
DK-32		Amp	7	1	20	44	3	1	B-C	---	
DK-32		Osc	4	1	32	47	1	1	E	---	
DK-91		Amp	3	1	50	46	6	1	B-F	*	* Fil Cont - Depress A then E; then A-E together. OK above 1/4 scale.
DK-91		Osc	4	1	10	39	11	1	C	*	---
DK-92		Amp	3	1	0	37	11	1	B-C-F	---	OK above 1/3 scale.
DK-92		Osc	4	1	33	50	3	1	C-E	---	OK above 1/3 scale. ?
DK-96		Amp	3	1	45	49	6	1	B-E-F	---	OK above 1/3 scale.
DK-96		Osc	4	1	0	23	5	1	C	---	---
DL-11			1	1	20	27	5	1	D-E	B	Shall show short on F.
DL-33			4	1	15	19	3	4	B-C	*	* Fil Cont - Depress A then J; then A-J together.
DL-35			4	1	19	23	3	1	B-C	---	
DL-41			5	1	15	23	4	2	J-D	*	* Fil Cont - Depress A then F; then A-F together. May show short on B.
DL-92			3	1	20	25	4	6	B-D-F	*	* Fil Cont - Depress A then J; then A-J together. Shall show short on B-F. Plate short test - Depress B-F together.
DL93			4	1	15	26	3	5	B-C-F	*	* Fil Cont - Depress A then J; then A-J together. Shall show short on B-F.
DL-94			6	1	22	25	3	5	B-C	*	* Fil Cont - Depress A then J; then A-J together.
DL95			3	1	22	25	4	5	B-D-F	*	* Fil Cont - Depress A then J; then A-J together. Shall show short on B-F.
DL-96			6	1	22	22	3	5	B-C	*	* Fil Cont - Depress A then J; then A-J together.
DM-70		Eye	8	1	0	0	11	6	H-F	C	See instructions for eye test.
DM-71		Eye	8	1	0	0	11	6	H-F	C	See instructions for eye test.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
DY-80			1	1	0	18	12	2	G	D	
E55L	*		6	6	6	16	2	6	B-H	D	* Shall use Magnoval adapter. Shall show short on A-E-G-J.
E80CC		Triode-1	9	6	28	10	2	3	H	*	* Fil Cont - Depress C then D; then C-D together.
E80CC		Triode-2	1	6	28	10	2	3	E	*	
E80F			5	6	4	6	8	6	E-G	C	Screen short test - Depress A-J together.
E80L			9	6	10	10	6	6	A-F	C	Shall show short on E-H.
E81L			9	6	11	10	3	7	A-F-G	D	Shall show short on E-H.
E-82CC		Triode-1	1	6	27	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
E-82CC		Triode-2	9	6	27	10	2	3	H	---	
E-83CC		Triode-1	1	6	12	31	2	3	E	---	
E-83CC		Triode-2	9	6	12	31	2	3	H	---	
E83F			9	6	15	33	6	7	A-G	D	
E84L			6	7	45	32	5	6	A	C	Shall show short on H-J.
E-88-CC		Triode-1	1	6	7	8	3	7	E	D	
E-88-CC		Triode-2	9	6	7	8	3	7	H	D	
E90Z			2	6	0	3	11	6	A	---	
E90Z			2	6	0	3	11	6	F	---	
E-180-F			9	6	13	27	7	7	A-G	D	Shall show short on B-H. Cathode short test - Depress B-H together.
E188CC		Triode-1	7	6	5	5	1	6	H-J	C	
E188CC		Triode-2	7	6	5	5	3	6	A-E	C	
E235L			4	6	5	5	3	1	B-D	A	
E810F			9	6	15	47	10	6	E-G	C	Shall show short on B-E-G-H.
E-902			2	6	0	3	11	6	A	---	
E-902			2	6	0	3	11	6	F	---	
EAA-11		Diode-1	1	6	0	26	10	1	D	B	Make special adapter
EAA-11		Diode-2	1	6	0	26	10	1	E	B	
EAA-91		Diode-1	7	6	0	25	10	6	J-D	C	
EAA-91		Diode-2	7	6	0	25	10	6	B	C	
EAA-901		Diode-1	7	6	0	25	10	6	J-D	C	
EAA-901		Diode-2	7	6	0	25	10	6	B	C	
EABC-80		Triode	6	6	11	38	2	6	G	C	
EABC-80		Diode-1	6	6	0	22	10	6	E	C	
EABC-80		Diode-2	6	6	0	22	10	6	H	C	
EABC-80		Diode-3	6	6	0	22	10	6	J	C	
EAC-91		Triode	6	6	30	10	8	7	J	D	
EAC-91		Diode	6	6	0	26	10	7	A	D	
*EAF-42		Pentode	5	6	12	35	4	2	D-J	F	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
*EAF-42		Diode	5	6	0	32	10	2	B	F	See instructions for eye test. * Fil Cont - Depress C then D; then C-D together.
EAF801		Diode	1	6	0	32	10	6	F	C	
EAF801		Pentode	9	6	10	35	8	6	E-H	C	
EAM86		Triode	6	6	12	17	1	6	H	C	
EAM86		Eye	6	6	0	0	12	6	A-E	C	
E182CC		Triode-1	1	6	27	5	1	4	G	*	
E182CC		Triode-2	9	6	27	5	1	4	H	*	
*EAF-42		Pentode	5	6	12	35	4	2	D-J	F	
*EAF-42		Diode	5	6	0	32	10	2	B	F	
EB-41		Diode-1	1	6	0	27	10	2	E	F	
EB-41		Diode-2	1	6	0	27	10	2	C	F	
EB-91		Diode-1	7	6	0	26	10	6	J	C	
EB-91		Diode-2	7	6	0	26	10	6	B	C	
EBC-11		Triode	1	6	28	10	1	1	E	B	
EBC-11		Diode-1	1	6	0	29	10	1	D	B	
EBC-11		Diode-2	1	6	0	29	10	1	C	B	
EBC-33		Triode	7	6	31	10	7	1	B	---	
EBC-33		Diode-1	7	6	0	27	10	1	D	---	
EBC-33		Diode-2	7	6	0	27	10	1	C	---	
EBC-41		Triode	2	6	20	23	4	4	J	H	
EBC-41		Diode-1	2	6	0	31	10	4	D	H	
EBC-41		Diode-2	2	6	0	31	10	4	E	H	May show short on A-G
EBC-81		Triode	9	6	36	10	11	7	H	D	
EBC-81		Diode-1	9	6	0	37	10	7	F	D	
EBC-81		Diode-2	9	6	0	34	10	7	E	D	
EBC-90		Triode	1	6	13	30	1	6	J	C	
EBC-90		Diode-1	1	6	0	30	10	6	E	C	
EBC-90		Diode-2	1	6	0	30	10	6	F	C	
EBC-91		Triode	1	6	12	31	1	6	J	C	
EBC-91		Diode-1	1	6	0	35	10	6	F	C	
EBC-91		Diode-2	1	6	0	35	10	6	E	C	
EBF-15		Pentode	1	6	9	10	4	1	H-E	B	
EBF-15		Diode-1	1	6	0	28	10	1	D	B	
EBF-15		Diode-2	1	6	0	28	10	1	C	B	
EBF80		Pentode	9	6	17	34	8	7	E-H	D	
EBF80		Diode-1	9	6	0	31	10	7	A	D	
EBF80		Diode-2	9	6	0	29	10	7	F	D	
EBF-83		Pentode	9	6	15	33	8	6	E-H	C	
EBF-83		Diode-1	9	6	0	38	10	6	A	C	
EBF-83		Diode-2	9	6	0	38	10	6	F	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
EBF-89		Pentode	9	6	15	33	8	5	E-H	C	
EBF-89		Diode-1	9	6	0	32	10	6	A	C	
EBF-89		Diode-2	9	6	0	32	10	6	F	C	
EC81			8	6	11	13	1	6	F	C	
EC91			7	6	0	42	10	7	A-F	D	Shall show short on A-B-E-F.
EC-92			6	6	30	10	2	6	A	C	
EC95			2	6	17	10	6	7	E-F	D	Shall show short on A-J. Cathode short test - Depress A-J together.
EC-97			2	6	13	10	1	7	E	D	Shall show short on A-J. Cathode short test - Depress A-J together.
EC900			1	6	14	10	9	7	E	D	Shall show short on B-J.
ECC-33		Triode-1	3	6	29	10	3	9	D	F	
ECC-33		Triode-2	8	6	29	10	3	9	J	F	
ECC-34		Triode-1	3	6	25	10	3	9	D	F	
ECC-34		Triode-2	8	6	25	10	3	9	J	F	
ECC-35		Triode-1	3	6	33	10	3	9	D	F	
ECC-35		Triode-2	8	6	33	10	3	9	J	F	
ECC-40		Triode-1	5	6	28	10	5	2	D	F	
ECC-40		Triode-2	2	6	28	10	2	2	J	F	
ECC-81		Triode-1	1	6	29	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
ECC-81		Triode-2	9	6	29	10	2	3	H	*	
ECC-82		Triode-1	1	6	27	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
ECC-82		Triode-2	9	6	27	10	2	3	H	*	
ECC-83		Triode-1	1	6	10	38	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
ECC-83		Triode-2	9	6	10	38	2	3	H	*	
ECC-84		Triode-1	5	6	12	10	5	7	G	D	Shall show short on A-F. Cathode short test - Triode-1 - Depress A-F together.
ECC-84		Triode-2	9	6	12	10	5	7	B	D	
ECC-85		Triode-1	1	6	20	12	4	6	E	C	
ECC-85		Triode-2	9	6	21	12	4	6	H	C	
ECC-86		Triode-1	1	6	0	8	1	7	E	D	
ECC-86		Triode-2	9	6	0	8	1	7	H	D	
ECC-88		Triode-1	1	6	7	8	3	7	E	D	
ECC-88		Triode-2	9	6	7	8	3	7	H	D	
ECC-91		Triode-1	5	6	16	13	7	6	B	C	
ECC-91		Triode-2	6	6	16	13	7	6	A	C	
ECC189		Triode-1	1	6	12	10	11	7	E	D	
ECC189		Triode-2	9	6	14	10	11	7	H	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
ECC801S		Triode-1	1	6	29	10	2	3	E	*	* Fil Cont - Depress C then D; then C-D together.
ECC801S		Triode-2	9	6	29	10	2	3	H	*	
ECC802S		Triode-1	1	6	27	10	2	3	E	---	
ECC802S		Triode-2	9	6	27	10	2	3	H	---	
ECC808		Triode-1	7	6	19	30	2	6	A	C	
ECC808		Triode-2	8	6	19	27	1	6	B	C	
ECF-12		Triode	3	6	10	37	10	1	D	B	OK above 1/4 scale.
ECF-12		Pentode	1	6	10	38	10	1	H-E	B	OK above 1/4 scale.
ECF-80		Triode	7	5	13	10	6	7	H	D	
ECF-80		Pentode	9	5	13	20	2	7	B-E	D	
ECF-82		Triode	7	6	34	7	1	6	H	C	
ECF-82		Pentode	9	6	32	8	1	6	B-E	C	
ECF83		Triode	9	6	16	16	1	7	B	D	
ECF83		Pentode	7	6	20	10	2	7	A-E	D	
ECF200		Triode	2	6	0	43	10	6	G	E	Grid cap goes to adapter stud.
ECF200		Pentode	2	6	5	38	6	6	A-F	E	
ECF201		Triode	2	6	0	43	10	6	G	E	Grid cap goes to adapter stud.
ECF201		Pentode	2	6	5	37	6	6	A-F	E	
ECF202		Triode	2	6	0	45	10	6	G	E	Grid cap goes to adapter stud.
ECF202		Pentode	2	6	5	42	6	6	A-F	E	
ECF801		Triode	7	6	7	8	1	6	F	C	Shall show short on B-H.
ECF801		Pentode	9	6	10	37	1	6	A-E	C	
ECF802		Triode	7	6	15	21	1	6	H	C	
ECF802		Pentode	9	6	7	38	2	6	B-E	C	
ECF805		Triode	7	6	15	9	1	6	H	C	Shall show short on E-F.
ECF805		Pentode	1	6	5	40	9	6	B-J	C	
ECH-35		Triode	4	6	31	10	4	1	E	---	
ECH-35		Heptode	7	6	16	10	12	1	B-C	---	
ECH-42		Triode	3	6	30	10	3	4	B	H	
ECH-42		Heptode	5	6	0	42	4	4	D-J	H	
ECH-81		Amp	1	6	11	32	8	6	E-H	C	OK above 1/3 scale.
ECH-81		Osc	9	6	26	10	7	6	H	C	---
ECH-81		Triode	7	6	25	13	7	6	F	C	---
ECH-83		Amp	1	6	8	48	8	6	E-H	C	
ECH-83		Osc	9	6	27	10	7	6	H	C	
ECH-83		Triode	7	6	27	10	7	6	F	C	
ECH84		Triode	7	6	9	27	1	6	F	C	
ECH84		Heptode	9	6	15	35	7	6	E-H	C	

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT	
ECH200		Triode	2	6	0	43	10	6	F	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.	
ECH200		Heptode	2	6	28	45	10	6	A-C	E		
ECL-11		Triode	1	6	28	49	10	1	E	B		
ECL-11		Tetrode	4	6	15	10	1	1	C-H	B		
ECL-80		Pentode	7	6	0	5	6	7	E-F	D		
ECL-80		Triode	9	6	3	10	6	7	H-J	D		
ECL-82		Triode	8	6	32	11	8	7	G	C		
ECL-82		Pentode	2	6	23	17	1	7	A-E	C		
ECL85		Triode	9	6	28	10	1	7	H	D		
ECL85		Pentode	7	6	7	13	1	7	A-E	D		
ECLL800			2	6	31	12	1	6	G-H	C		
ECLL800			2	6	31	10	1	6	B-G	C		
ECLL800			6	6	31	10	1	6	F-G	C		
ED500	*		5	6	0	48	10	6	F	C	* Shall use Magnoval adapter. Cap goes to top of tube. Shall show short on A-B-E-G-H-J.	
EF-12			1	6	28	10	4	1	D-E	B		
EF-14			5	6	2	10	12	1	D-H	B		
EF-15			1	6	8	10	1	1	D-E	B		
EF22			5	6	5	40	3	1	B-C	---		
EF37A			1	6	45	48	10	9	B-G	J		
EF-39			7	6	29	10	2	1	B-C	---		
EF-40			4	6	15	34	5	2	E-J	F		May show short on A-B. Cathode short test - Depress A-B together.
*EF-41			5	6	15	33	4	2	D-J	F		
EF-42			5	6	37	10	11	2	D-J	F		
EF-80			9	6	5	36	6	6	A-F	C		Shall show short on B-H. Cathode short test - Depress B-H together.
EF-83			7	6	0	46	8	7	H-E	D		
EF-85			9	6	5	35	6	6	A-F	C		Shall show short on B-H. Cathode short test - Depress B-H together.
EF-86			7	6	17	32	8	6	E-H	C		
EF-89			9	6	16	10	6	6	A-F	C	May show short on E-H. OK above Diode arrow.	
EF-91			1	6	8	37	9	7	E-J	D		Cathode short test - Depress B-J together.
EF-92			1	6	31	10	5	7	E-J	D		
EF-93			1	6	9	40	6	6	E-F	C		
EF-94			1	6	10	38	6	6	E-F	C		
EF95			1	6	14	28	6	6	E-F	C		

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
EF-97			1	6	0	6	1	6	E-F	C	
EF-98			1	6	0	6	1	6	E-F	C	
EF-804			7	6	19	30	6	6	A-F	C	May show short on E-J.
EF804S			7	6	5	46	6	6	A-F	C	Shall show short on E-J.
EF806S			7	6	17	32	8	6	E-H	C	
EFL200		Pent-1	6	6	7	10	2	6	G	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
EFL200		Pent-2	8	6	15	26	2	6	B-C	E	
EH-90		Amp	6	6	39	47	9	6	E-J	C	OK above 1/3 scale.
EH-90		Osc	1	6	26	10	1	6	F	C	---
EH900S		Amp	6	6	37	43	9	6	E-J	---	
EH900S		Osc	1	6	31	6	1	6	F	---	
EK11		Triode	8	8	28	10	1	7	J	D	
EK11		Pentode	6	8	10	10	1	7	F-G	D	
EK-90		Amp	6	6	47	47	9	6	E-J	C	OK above 1/3 scale.
EK-90		Osc	1	6	21	9	1	6	F	C	---
EL-11			1	6	18	16	5	1	D-E	B	
EL-12			1	6	12	16	5	8	D-E	J	
EL13			1	6	15	9	1	2	D-E	B	
EL-32			7	6	24	10	2	1	B-C	---	
EL-33			4	6	23	15	3	1	B-C	---	
EL-34			4	6	17	15	3	1	B-C	---	
EL36			4	6	3	9	11	1	C-G-H	---	May show short on B-C-F-H.
EL-37			4	6	17	16	3	1	B-C	---	
EL-38			4	5	15	16	3	1	C-G	---	
*EL-41			5	6	14	15	4	4	D-J	H	Shall show short on A-B. Cathode short test -
EL81			1	6	0	44	10	6	J	C	Depress A-B together.
EL82			9	6	3	15	11	7	A-G	D	Shall show short on A-E-F-G-H.
EL83			9	6	10	20	8	6	A-H	C	
EL-84			9	6	0	23	7	7	A-G	D	
EL-85			8	6	0	30	7	7	A-G	D	Shall show short on H-J-E-F. Grid short test - Depress H-J together. Suppressor short test - Depress E-F together.
EL-86			9	6	0	7	9	6	A-E-F-G	D	May show short on A-E-F-G-H-J. Grid short test - Depress H-J together. Screen short test - Depress E-G together. Plate short test - Depress A-F together.
EL-90			6	6	50	30	1	6	E	C	Shall show short on A-J. Grid short test - Depress A-J together.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
EL-91			1	6	18	22	9	7	E-J	D	
EL-95			1	5	0	29	6	6	E-F	C	Grid short test - Depress A-J together. * Shall use magnoval adapter. Shall show short on A-B-E-F-H-J. Cathode short test - Depress B-F together. OK above 1/3 scale.
EL500	*		7	6	0	26	10	6	E-A	C	Cap goes to top of tube.
EL503	*		1	6	0	42	10	6	A-B	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H-J. * Shall use magnoval adapter. Shall show short on A-B-E-F-H-J. Cathode short test - Depress B-F together. OK above 1/3 scale.
EL-504	*		7	6	0	26	10	6	E-A	C	Cap goes to top of tube.
EL-508			4	6	3	10	11	1	C-G	A	
EL802			9	6	5	10	8	7	A-E-F-G	D	Shall show short on B-E-F-G.
EL821			9	6	20	19	6	7	A-F	D	
ELL80		Pent-1	9	6	10	22	8	6	B-H	C	
ELL80		Pent-2	5	6	10	22	7	6	F-G	C	
EM-34		Eye-1	7	6	0	0	3	1	D-B	---	See instructions for eye test.
EM-34		Eye-2	7	6	0	0	3	1	D-E	---	See instructions for eye test.
EM-35		Triode	3	6	13	25	8	1	B	---	
EM-35		Eye-1	7	6	0	0	8	1	D-B	---	See instructions for eye test.
EM-35		Eye-2	7	6	0	0	8	1	D-E	---	See instructions for eye test.
EM-80		Triode	8	6	19	20	2	7	A	D	May show short on B-E-G.
EM-80		Eye	2	6	0	0	2	7	B-E-G-A	D	See instructions for eye test. Depress B-E-G together, then A.
EM-81		Triode	8	6	24	28	3	7	A	D	
EM-81		Eye	8	6	0	0	3	7	*	D	* Depress B-F-G together, then A. Shall show short on B-F-G.
EN32			6	6	9	8	9	9	B-D-E	H	
EQ80			1	6	20	45	8	6	H-J	C	Shall show short on B-F
EY-51			1	6	0	13	12	1	G	H	Connect two bottom leads to octal socket pins 1 and 2. Top lead connect to grid cap.
EY80			2	6	0	7	3	7	G	D	
EY82			2	6	0	7	3	7	G	D	
EY-86	*		1	6	0	16	12	2	G	D	* CAUTION - Pins 2-3-4-6-7-8-9 shall be opencircuited before inserting tube into socket.
EY87	*		1	6	0	16	12	2	G	D	* CAUTION - Pins 2-3-4-6-7-8-9 shall be opencircuited before inserting tube into socket.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
EY500	*		1	6	0	43	10	6	A-F-J	C	* Shall use Magnoval adapter. Shall show short on A-F-J. Cap goes to top of tube.
EZ-11		Plate-1	1	6	0	11	11	1	E	B	
EZ-11		Plate-2	1	6	0	11	11	1	D	B	
EZ-35		Plate-1	7	6	0	3	11	1	B	---	
EZ-35		Plate-2	7	6	0	3	11	1	D	---	
EZ-80		Diode-1	5	6	0	4	11	6	H	C	
EZ-80		Diode-2	5	6	0	4	11	6	A	C	
EZ-81		Diode-1	5	6	0	2	11	6	H	C	
EZ-81		Diode-2	5	6	0	2	11	6	A	C	
EZ-90		Plate-1	2	6	0	3	11	6	A	C	
EZ-90		Plate-2	2	6	0	3	11	6	F	C	
FM-1000		Amp	7	6	47	47	5	1	D-E	---	OK above 1/3 scale.
FM-1000		Osc	2	6	16	8	1	1	G	---	---
G2-S		Diode-1	7	3	0	25	10	1	B	---	
G2-S		Diode-2	7	3	0	25	10	1	C	---	
GZ-30		Plate-1	1	5	0	2	11	1	E	F	
GZ-30		Plate-2	1	5	0	2	11	1	C	F	
GZ32		Plate-1	7	5	0	2	11	1	C	F	
GZ32		Plate-2	7	5	0	2	11	1	E	F	
GZ-34		Plate-1	7	5	0	0	11	1	C	F	
GZ-34		Plate-2	7	5	0	0	11	1	E	F	
HBC-90		Triode	1	8	13	30	1	6	J	C	
HBC-90		Diode-1	1	8	0	30	10	6	E	C	
HBC-90		Diode-2	1	8	0	30	10	6	F	C	
HBC91		Triode	1	8	12	31	1	6	J	C	
HBC91		Diode-1	1	8	0	35	10	6	F	C	
HBC91		Diode-2	1	8	0	35	10	6	E	C	
HCC85		Triode-1	1	12	20	12	4	6	E	C	
HCC85		Triode-2	9	12	21	12	4	6	H	C	
HCH81		Triode	7	8	12	14	8	6	F	C	
HCH81		Heptode	9	8	10	17	8	6	A-E-H	C	
HF-93			1	8	9	40	6	6	E-F	C	
HK-90		Amp	6	8	47	47	9	6	E-J	C	OK above 1/3 scale.
HK-90		Osc	1	8	21	9	1	6	F	C	---
HL-92			6	11	28	27	1	6	J	C	Shall show short on B-E. Grid short test -
HL94			6	10	30	30	1	6	J	C	Depress B-E together.
HY-69			3	6	16	16	2	1	B-G	---	Shall show short on B-E.
HY-90			1	10	0	1	11	7	E	*	* Fil Cont - Depress D then F; then D-F together.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
HY-113			3	12	1	50	10	1	B	---	OK above 1/4 scale.
HY-115			3	1	12	50	10	1	B-D	---	OK above 1/4 scale.
HY-125			3	1	13	40	10	1	B-D	---	OK above 1/4 scale.
HY-1269			3	6	14	13	2	6	B-G	*	* Fil Cont - Depress A then J; then A-J together.
KT-66			4	6	5	13	3	1	B-C	---	
KT-88			4	6	10	13	3	1	B-C	---	
LC900			1	4	14	10	9	7	E	D	Shall show short on B-J. Cathode short test - Depress B-J together.
LCF80		Triode	7	6	13	10	6	7	H	D	
LCF80		Pentode	9	6	13	20	2	7	B-E	D	
LCF200		Triode	2	6	0	43	10	6	G	E	Grid cap goes to adapter stud.
LCF200		Pentode	2	6	5	38	6	6	A-F	E	
LCF201		Triode	2	6	0	43	10	6	G	E	Grid cap goes to adapter stud.
LCF201		Pentode	2	6	5	37	6	6	A-F	E	
LCF801		Triode	7	6	7	8	1	6	F	C	Shall show short on B-H.
LCF801		Pentode	9	6	10	37	1	6	A-E	C	
LCF802		Triode	7	6	14	17	1	6	H	C	
LCF802		Pentode	9	6	7	35	2	6	B-E	C	
LCH200		Triode	2	5	0	43	10	6	F	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
LCH200		Heptode	2	5	28	45	10	6	A-C	E	
LCL80		Triode	9	5	15	19	1	6	H	C	
LCL80		Pentode	7	5	10	24	6	6	E-F	C	
LCL84		Triode	8	8	32	8	1	7	J	D	
LCL84		Pentode	6	8	11	8	1	7	E-G	D	
LCL85		Triode	9	7	28	10	1	7	H	D	
LCL85		Pentode	7	7	7	13	1	7	A-E	D	
LF183			9	5	10	10	11	7	A-F	D	Shall show short on B-H. Cathode short test - Depress B-H together.
LF184			9	5	13	10	11	7	A-F	D	Shall show short on B-H. Cathode short test - Depress B-H together.
LFL200		Pent-1	6	6	7	10	2	6	G	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
LFL200		Pent-2	8	6	15	26	2	6	B-C	E	
LL86			9	7	0	7	9	6	A-E-F-G	C	May show short on A-E-F-G-H-J.

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
LL500	*		7	8	0	26	10	6	A-E	C	* Shall use magnoval adapter. Shall show short on A-B-E-F-H-J. Cathode short test - Depress B-F together. OK above 1/3 scale. Cap goes to top of tube.
LL521	*		5	9	0	44	10	6	F-H	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H. Cap goes to top of tube.
LL802			9	7	5	10	8	7	A-E-F-G	D	May show short on B-E-F-G. Pin-9 Shall be opencircuited to test this tube. If using Precision G-109 adapter, leave off grid cap connection to side stud of G-109 adapter.
M8096			6	6	9	15	5	6	E-H	C	* Shall use Magnoval adapter. With G-109 adapter, grid cap goes to G-109 stud. Shall show short on A-H.
N22LL	*		6	9	0	7	5	6	E-G	C	
PABC-80		Triode	6	7	13	30	6	7	G	D	
PABC-80		Diode-1	6	7	0	27	10	7	E	D	
PABC-80		Diode-2	6	7	0	27	10	7	J	D	
PABC-80		Diode-3	6	7	0	27	10	7	H	D	
PC95			2	4	10	14	1	6	E	C	Shall show short on A-J.
PC900			1	4	14	10	9	7	E	D	Shall show short on B-J.
PCC-84		Triode-1	5	7	12	10	5	7	G	D	Shall show short on A-F. Cathode short test - Triode-1 - Depress A-F together.
PCC-84		Triode-2	9	7	12	10	5	7	B	D	
PCC-85		Triode-1	1	7	25	10	1	7	E	D	
PCC-85		Triode-2	9	7	25	10	1	7	H	D	
PCC-88		Triode-1	1	6	5	10	1	6	E	C	
PCC-88		Triode-2	9	6	5	10	9	6	H	C	
PCC189		Triode-1	9	7	12	10	11	7	H	D	
PCC189		Triode-2	1	7	14	10	11	7	E	D	
PCF-80		Triode	7	7	10	47	10	7	H	D	
PCF-80		Pentode	9	7	10	47	10	7	B-E	D	
PCF86		Triode	5	7	7	10	2	7	A	D	May show short on B-H. Cathode short test - Depress B-H together.
PCF86		Pentode	9	7	10	10	2	7	F-G	D	
PCF200		Triode	2	7	0	43	10	6	G	E	Grid cap goes to adapter stud.
PCF200		Pentode	2	7	5	38	6	6	A-F	E	
PCF201		Triode	2	7	0	43	10	6	G	E	Grid cap goes to adapter stud.
PCF201		Pentode	2	7	5	37	6	6	A-F	E	
PCF801		Triode	7	7	7	8	1	6	F	C	Shall show short on B-H.
PCF801		Pentode	9	7	10	37	1	6	A-E	C	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
PCF802		Triode	7	7	15	21	1	6	H	C	
PCF802		Pentode	9	7	7	38	2	6	B-E	C	
PCF805		Triode	7	7	15	9	1	6	H	C	Shall show short on E-F.
PCF805		Pentode	1	7	5	40	9	6	B-J	C	
PCH200		Triode	2	7	0	43	10	6	F	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
PCH200		Heptode	2	7	28	45	10	6	A-C	E	
PCL-81		Triode	8	8	32	10	5	7	A	D	Shall show short on B-F. Cathode short test - Depress B-F together.
PCL-81		Pentode	7	8	9	10	5	7	E-J	D	
PCL82		Triode	8	8	30	12	8	7	G	D	
PCL82		Pentode	2	8	22	17	1	7	A-E	D	
PCL-84		Triode	8	8	28	10	1	7	J	D	
PCL-84		Pentode	6	8	10	10	1	7	E-G	D	
PCL85		Triode	9	8	28	10	1	7	H	D	
PCL85		Pentode	7	8	7	13	1	7	A-E	D	
PCL86		Triode	8	8	35	10	2	7	G	D	
PCL86		Pentode	6	8	15	21	2	7	B-E	D	
PD500	*		5	7	0	48	10	6	F	C	* Shall use magnoval adapter. Shall show short on A-B-E-G-H-J. Cap goes to top of tube.
PF86			7	5	5	45	8	6	E-H	C	
PFL200		Pent-1	6	8	7	10	2	6	G	E	If panel has a nine-pin socket, Do not use grid cap. With G-109 adapter, grid cap goes to G-109 stud.
PFL200		Pent-2	8	8	15	26	2	6	B-C	E	
PJ-8			3	5	25	18	1	1	B	---	
PL-36			4	9	0	6	5	1	B-C-G	---	Shall show short on B-C-F-H. Cathode short test - Depress H-F together. Screen short test - Depress B-C together.
PL81			9	9	7	8	1	6	A-F	C	Shall show short on A-E-F-G-H.
PL82			9	8	15	18	7	6	A-G	C	
PL83			9	8	21	10	1	7	A-E-H	D	
PL84			9	8	0	8	1	7	A-E-F-G	D	May show short on A-E-F-G-H-J.
PL500	*		7	9	0	26	10	6	E-A	C	* Shall use magnoval adapter. Shall show short on A-B-E-F-H-J. Cathode short test - Depress B-F together. OK above 1/3 scale. Cap goes to top of tube.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
PL504	*		7	9	0	26	10	6	E-A	C	* Shall use magnoval adapter. Shall show short on A-B-E-F-H-J. Cathode short test - Depress B-F together. OK above 1/3 scale. Cap goes to top of tube.
PL521	*		5	10	0	44	10	6	F-H	C	* Shall use Magnoval adapter. Shall show short on A-B-E-F-H-J. Cap goes to top of tube.
PL6574			6	6	9	8	9	9	B-D-E	H	
PY-80			1	8	0	0	11	7	G	D	
PY-82			2	8	0	8	11	7	G	D	
PY500	*		1	10	0	45	10	6	A-F-J	C	* Shall use Magnoval adapter. Shall show short on A-F-J. Cap goes to top of tube.
RK-33		Triode-1	7	6	29	9	1	1	C	---	
RK-33		Triode-2	4	6	29	9	1	1	E	---	
RK-61			2	1	0	5	11	1	H	C	
TJ880			9	6	10	12	11	6	A-F	C	Shall show short on B-E-G-H.
TS-383			7	6	0	15	2	6	A	C	
UAA-91		Diode-1	1	12	0	28	10	7	J	D	
UAA-91		Diode-2	1	12	0	27	10	7	B	D	
UABC-80		Triode	6	9	34	12	6	7	G	D	
UABC-80		Diode-1	6	9	0	38	10	7	E	D	
UABC-80		Diode-2	6	9	0	43	10	7	J	D	
UABC-80		Diode-3	6	9	0	43	10	7	H	D	
UBC-41		Triode	2	8	23	47	10	4	J	H	
UBC-41		Diode-1	2	8	0	36	10	4	E	H	
UBC-41		Diode-2	2	8	0	36	10	4	D	H	
UBC-81		Triode	9	8	35	10	9	7	H	D	May show short on A-G.
UBC-81		Diode-1	9	8	0	35	10	7	F	D	
UBC-81		Diode-2	9	8	0	35	10	7	E	D	
UBF-15		Pentode	1	9	10	10	4	1	H-E	B	
UBF-15		Diode-1	1	9	0	29	10	1	D	B	
UBF-15		Diode-2	1	9	0	29	10	1	C	B	
UBF-80		Pentode	9	12	14	37	8	7	H-E	D	
UBF-80		Diode-1	9	12	0	27	10	7	F	D	
UBF-80		Diode-2	9	12	0	27	10	7	A	D	
UBF-89		Pentode	9	12	11	35	8	7	E-H	D	
UBF-89		Diode-1	9	12	0	27	10	7	A	D	
UBF-89		Diode-2	9	12	0	27	10	7	F	D	
UC-92			6	7	27	10	12	8	A	D	
UCC-85		Triode-1	1	9	25	11	1	7	E	D	
UCC-85		Triode-2	9	9	25	11	9	7	H	D	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
UCH-42		Triode	3	8	30	10	3	2	B	F	
UCH-42		Heptode	5	8	0	35	4	2	J-D	F	
UCH-81		Heptode	9	8	11	41	8	7	E-H	D	OK above 1/4 scale.
UCH-81		Triode	7	8	13	26	8	7	F	D	---
UCL-81		Triode	8	10	15	47	10	7	A	D	Shall show short on B-F. Cathode short test -
UCL-81		Pentode	7	10	13	18	9	7	J-E	D	Depress B-F together.
UCL82		Triode	8	11	30	10	1	7	G	D	
UCL82		Pentode	2	11	2	9	5	7	A-E	D	
UF-11			1	8	26	10	4	1	D-E	B	
UF-15			1	9	5	35	5	1	D-E	B	
UF-41			5	8	11	35	4	2	D-J	F	May show short on A-B. Cathode short test -
UF-80			9	12	3	37	6	6	A-F	C	Depress A-B together.
UF-85			9	12	5	34	6	7	A-F	D	Shall show short on B-H. Cathode short test -
UF-89			9	8	15	37	6	7	A-F	D	Depress B-H together.
UL-41			5	11	15	16	4	2	D-J	F	Shall show short on B-H. Cathode short test -
UL-84			9	11	0	7	6	7	A-E-G	D	Depress A-B together.
UM-11		Triode	1	8	31	10	1	1	D	B	Shall show short on E-G-H-J. Screen short
UM-11		Eye	1	8	0	0	1	1	*	B	test - Depress E-G together. Grid short test -
UM-35		Triode	4	8	29	10	12	4	E	H	Depress H-J together.
UM-35		Eye	4	8	0	0	12	4	*	H	* Eye test - Depress D-E-H - Observe
UM-80		Triode	8	12	30	10	8	6	A	C	screen; then depress D-H - observe
UM-80		Eye	8	12	0	0	8	6	*	C	shadow.
UY-11			1	11	0	9	11	1	D	*	* Eye test - Full Screen - Depress B-E-C.
UY-41			3	10	0	2	11	2	J	F	One shadow - Depress B-C. Second
UY-85			1	10	0	42	10	7	E-G-H	D	shadow - Depress E-C.
X-155		Triode-1	9	6	15	12	1	6	H	C	* Eye test - Depress A-B-E-G for full screen.
											Depress B-E-G for shadow. Shall show
											short on B-E-G.
											* Fil Cont - Set Control B at 11 then depress
											B.
											May show short on E-G-H. Plate short test -
											Depress E-G-H together.

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TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
X-155		Triode-2	1	6	15	12	1	6	E	C	
XC95			2	3	17	10	6	7	E-F	D	Shall show short on A-J.
XC-97			2	3	13	10	1	7	E	D	Shall show short on A-J. Cathode short test - Depress A-J together.
XC900			1	2	27	13	11	7	E	D	Shall show short on B-J. Cathode short test - Depress B-J together.
XCC189		Triode-1	1	5	12	10	11	7	E	D	
XCC189		Triode-2	9	5	14	10	11	7	H	D	
XCF80		Triode	7	5	13	10	6	7	H	D	
XCF80		Pentode	9	5	13	20	2	7	B-E	D	
XCF801		Triode	7	4	7	8	1	6	F	C	Shall show short on B-H.
XCF801		Pentode	9	4	10	37	1	6	A-E	C	
XCL82		Triode	8	7	32	10	2	7	G	D	
XCL82		Pentode	2	7	25	17	1	7	A-E	D	
XCL84		Triode	8	7	32	8	1	7	J	D	
XCL84		Pentode	6	7	22	8	1	7	E-G	D	
XCL85		Triode	9	7	28	10	1	7	H	D	
XCL85		Pentode	7	7	7	13	1	7	A-E	D	
XF86			7	3	5	45	8	6	E-H	C	May show short on A-J.
XL36			4	8	3	9	11	1	C-G-H	---	Shall show short on B-C-F-H.
XL84			7	7	45	32	5	6	A	C	Shall show short on H-J.
XL86			9	7	0	7	9	6	A-E-F-G	C	May show short on A-E-F-G-H-J. * Shall use Magnoval adapter. Shall show short on A-B-F-H-J. Cathode short test - Depress B-F together. OK above 1/3 scale.
XL500	*		7	8	0	26	10	6	E-A	C	Cap goes to top of tube. * Shall use Magnoval adapter. Shall show short on A-B-F-H-J. OK above 1/3 scale.
XL504	*		7	8	0	26	10	6	E-A	C	Cap goes to top of tube. Depress A then J; then depress A-J together.
XXB		Triode-1	7	1	30	50	10	4	E	*	
XXB		Triode-2	4	1	30	50	10	4	C	*	
XXD		Triode-1	4	8	25	11	1	1	C	---	
XXD		Triode-2	7	8	25	11	1	1	E	---	
XXFM		Triode	3	6	13	45	1	1	B	---	
XXFM		Diode-1	3	6	0	25	10	1	G	---	
XXFM		Diode-2	3	6	0	25	10	1	E	---	
XXL			5	6	23	10	1	1	B	---	
YC98			2	9	0	19	8	7	G-H	D	Shall show short on B-E. Shall show short on C-E-H. Cathode short test - Depress C-E-H together.
YL1370			4	6	5	7	1	1	B-G	---	

PRECISION 910, 912, 915, 920, and 922 TUBE TEST DATA

TUBE	KEY AT	SECTION	A	B	C	D	E	F	DEPRESS	FIL. CONT.	COMMENT
YL1371			4	8	5	7	1	1	B-G	A	Shall show short on C-E-H. Cathode short test - Depress C-E-H together.
			FM/AM EYE TUBE TEST PROCEDURE (6AL7) 1. Set all switches and controls as indicated with the exception of Control A. Next, set Control A to 2. Perform standard Short Test. Depress Read Meter button and observe the two rectangular patterns. 2. Rotate Control A to 3. Depress Read Meter button. Observe increase in height of one rectangular pattern. 3. Rotate Control A to 5. Depress Read Meter button. Observe increase in height of other rectangular pattern. 4. Rotate Control A to 4. Depress Read Meter button. Both ends of the patterns opposite the ends noted in 2 and 3 above should increase slightly as compared to their length in 1 above. * 205D and 1276 - Point bayonet side pin towards upper left corner of instrument and hold tube in the 4-prong socket.								