TB 11-2627-2
TO 16-40 I 177-6

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN
DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER

TUBE TEST DATA CARDS FOR USE WITH TUBE TESTERS I-177, I-177-A, I-177-B, AND WITH TUBE SOCKET ADAPTER KIT MX-949/U

Ref: TM 11-2627

Departments of the Army and the Air Force **16 October 1952**

This bulletin supersedes TB 11-2627-2, 11 June 1951, including C 1, 31 January 1952

1. GENERAL. *a.* These tube test data cards contain accurate and latest settings for the tubes most commonly used on Signal Corps equipment and are issued to replace cards in the ring binder on the cover of Tube Testers I-177, I-177-A, and I-177-B. These cards correct errors and omissions in cards previously issued with the tube testers. These cards are complete and no other technical bulletins need to be checked to determine the proper settings.

b. This technical bulletin also covers the use of the Tube Socket Adapter Kit MX-949/U used with Tube Testers I-177, I-177-A, and I-177-B and lists the tube types (table III) that can be tested by means of the adapter kit. The purpose of the tube socket adapter kit (figs. 1 and 2) is to adapt the tube testers so that they can accommodate additional types of tubes. Tubes that have prongs which cannot fit into the tube sockets of the tube testers can be tested by means of Tube Socket Adapter Kit MX-949/U. The adapter kit replaces all improvised adapters.

c. Table I is a cross-index of Army VT numbers and commercial numbers. Table II contains tube test data for use with Tube Testers I-177, I-177-A, and I-177-B. Table III lists the various tubes which can be tested when Tube Socket Adapter Kit MX-949/U is used with the tube tester.

2. INSTRUCTIONS. *a.* Remove and destroy test data cards in the ring binder on the cover of the tube tester; replace them with these test data cards. Each card is provided with two eyelets for mounting in the ring binder.

b. When using these test data, follow the procedure given in pertinent paragraphs of TM 11-2627, except when testing for *shorts* as described in paragraph 4*k* of the manual. Paragraph 4*k* applies to all tubes, except the 1.4-volt and 2.8-volt filamentary type and other types having close-spaced elements. A list of such tube types is given in note E preceding tables II and III. Reference is made to note E, when applicable, in the *notations* column of tables II and III as part of the test data. This technical bulletin contains tube test data sufficient for the quality test and not for measuring mutual conductance.

3. TEST PROCEDURE USING TUBE SOCKET ADAPTER KIT MX-949/U (fig. 1). *a.* Adjustment of tube tester.

(1) Set selector switch A to 4.

(2) Set selector switch B to 2.

(3) Set all other switches to OFF or safety positions as described in paragraph 3, TM 11-2627.

(4) Plug the power cable assembly into a suitable a-c (alternating-current) power outlet (105 to 125 volts, 60 cycles) ; set the power switch on the ON position.

(5) Depress line test button and turn the LINE ADJUSTMENT control until the meter needle points to LINE TEST or to the line test value indicated in *notations* column (table III) for the tube type under test.

b Adjustments on Tube Socket Adapter Kit MX–949/U.

(1) Disconnect all plugs from receptacles.

(2) Insert the 8-prong plug into socket E of the tube tester.

(3) Determine the type number in the column headed *tube type* (table III).

(4) Set selector switch FIL of tube tester to the number in the column headed FIL volts.

(5) Make the patch cord connections indicated for the type to be tested.

(6) Insert the tube in the socket indicated in the column headed *socket number* (table III).

c. Test.

(1) Test for shorts by *slowly* rotating the SHORTS test switch from TUBE TEST position to position 1 and then back to TUBE TEST position.

(2) Set potentiometer L of the tube tester to the number indicated in the *pot.* column (table III).

(3) Set potentiometer R of the tube tester to the number indicated in the *pot.* column (table III).

(4) Set the MICROMHOS range switch of the tube tester at 3,000 except as otherwise indicated in the *notations* column.

(5) Press the tube tester button indicated in the *press* column (table III).

(6) Good tubes will give a meter indication in the green sector, except as indicated in the *notations* column. The readings on tubes designated as "OK over _____" will be read on the 3,000 scale independent of the setting of the MICROMHOS switch.

Note. The LINE TEST adjustment should be repeated immediately before making either the SHORTS test or the QUALITY test. This means that the tube has already been placed in the proper socket and that all the proper settings and/or connections have been made.

[AG 413.44 (6 Oct 52)]

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NG: Same as Active Army except one copy to each unit.
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For explanation of distribution formula. see SR 310–90–1.

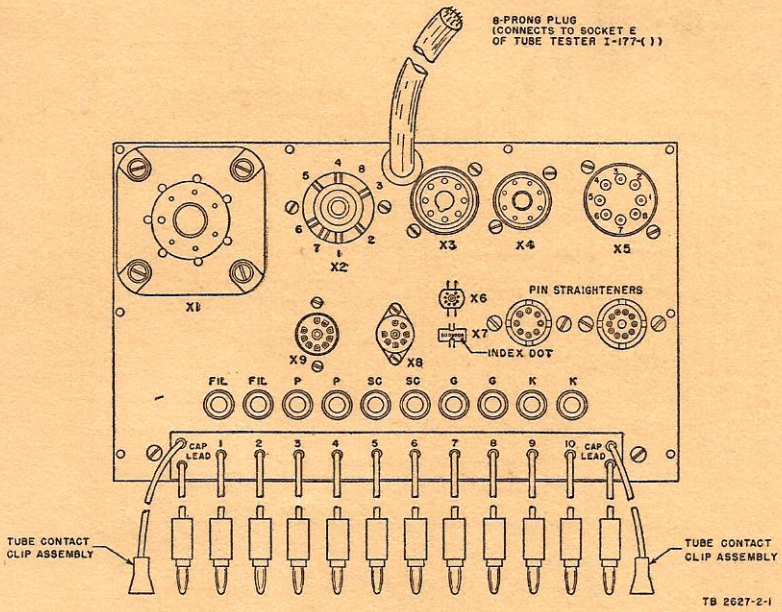

Figure 1. Tube Socket Adapter Kit MX-949/U, panel diagram.

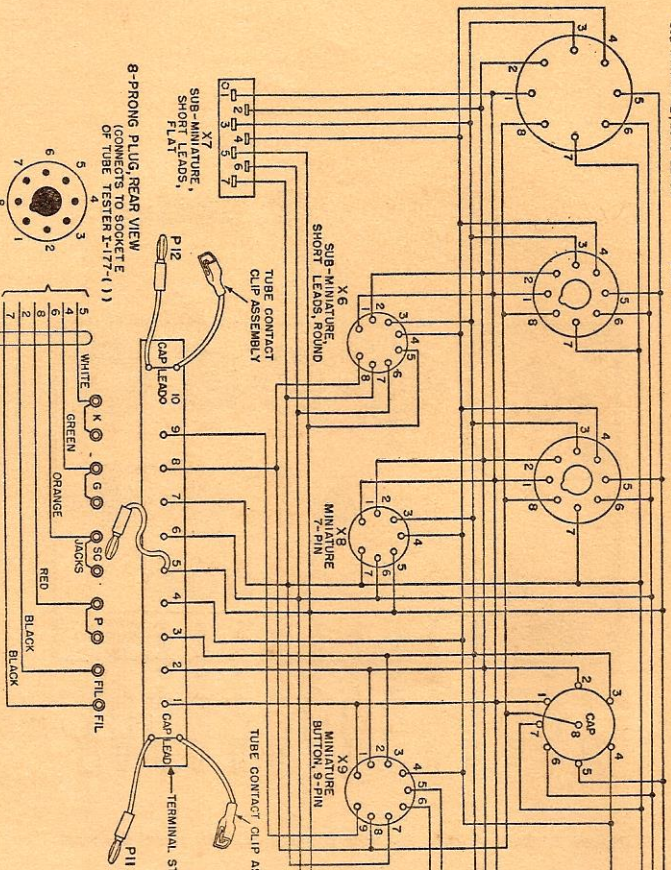

Figure 2. Tube Socket Adapter Kit MX-949/U, wiring diagram.

TABLE I. CROSS-INDEX OF ARMY VT NUMBERS AND COMMERCIAL NUMBERS

(Listing by VT Numbers)

VT No.	Coml No.
VT–1	WE–203A (obsolete)
VT–2	WE–205B
VT–3	Obsolete
VT–4A	Obsolete
VT–4B	Coml 211
VT–4C	JAN 211
VT–5	WE–215A
VT–6	212A (obsolete)
VT–7	WX–12 (obsolete)
VT–8	UV–204 (obsolete)
VT–10	Obsolete
VT–11	Obsolete
VT–12	Obsolete
VT–13	Obsolete
VT–14	Obsolete
VT–16	Obsolete
VT–17	860
VT–18	Obsolete
VT–19	861
VT–20	Obsolete
VT–21	Obsolete
VT–22	204A
VT–23	Obsolete
VT–24	864
VT–25	10
VT–25A	10 special
VT–26	22
VT–27	30
VT–28	24, 24A
VT–29	27
VT–30	01–A
VT–31	31
VT–32	Obsolete
VT–33	33
VT–34	207
VT–35	35/51
VT–36	36
VT–37	37
VT–38	38
VT–39	869
VT–39A	869A
VT–40	40
VT–41	851
VT–42	872
VT–42A	872A (special fil)
VT–43	845
VT–44	32
VT–45	45
VT–46	866
VT–46A	866A
VT–47	47
VT–48	41
VT–49	39/44
VT–50	50
VT–51	841
VT–52	45 special
VT–53	Canceled (superseded by VT–42–A)
VT–54	34
VT–55	865
VT–56	56
VT–57	57
VT–58	58
VT–60	850
VT–62	801, 801A
VT–63	46
VT–64	800
VT–65	6C5
VT–65A	6C5G
VT–66	6F6
VT–66A	6F6G
VT–67	30 special
VT–68	6B7
VT–69	6D6
VT–70	6F7
VT–72	842
VT–73	843
VT–74	5Z4
VT–75	75
VT–76	76
VT–77	77
VT–78	78
VT–80	80
VT–83	83
VT–84	84/6Z4
VT–86	6K7
VT–86A	6K7G
VT–86B	6K7GT
VT–87	6L7
VT–87A	6L7G
VT–88	6R7
VT–88A	6R7G
VT–88B	6R7GT
VT–89	89
VT–90	6H6
VT–90A	6H6GT
VT–91	6J7
VT–91A	6J7GT
VT–92	6Q7
VT–92A[a]	6Q7G
VT–93	6B8
VT–93A	6B8G
VT–94	6J5
VT–94A	6J5G
VT–94B	6J5 special selection
VT–94C	6J5G special selection
VT–94D	6J5GT
VT–95	2A3
VT–96	6N7
VT–96B	6N7 special selection
VT–97	5W4
VT–98	6U5/6G5
VT–99	6F8G
VT–100	807
VT–100A	807 modified
VT–101	837
VT–102	Canceled
VT–103	6SQ7
VT–104	12SQ7
VT–105	6SC7
VT–106	803
VT–107	6V6
VT–107A	6V6GT
VT–107B	6V6G
VT–108	450TH
VT–109	2051
VT–111	5BP4/–1802P4
VT–112	6AC7/–1852
VT–114	5T4
VT–115	6L6
VT–115A	6L6G
VT–116	6SJ7
VT–116A	6SJ7GT
VT–116B	6SJ7Y
VT–117	6SK7
VT–117A	6SK7GT
VT–118	832
VT–119	2X2/879
VT–120	954
VT–121	955
VT–122	530
VT–123	RCA A–5586 (superseded by VT–128)
VT–124	1A5GT
VT–125	1C5GT
VT–126	6X5
VT–126A	6X5G
VT–126B	6X5GT
VT–127	Special tube
VT–127A	Special tube
VT–128	1630 (A–5588)
VT–129	304TL
VT–130	250TL
VT–131	12SK7
VT–132	12K8 special
VT–133	12SR7
VT–134	12A6
VT–135	12J5GT
VT–135A	12J5
VT–136	1625
VT–137	1626
VT–138	1629
VT–139	VR150–30
VT–140[a]	1628
VT–141	531
VT–142	WE–39DY1
VT–143	805
VT–144	813
VT–145	5Z3
VT–146	1N5GT
VT–147	1A7GT
VT–148	1D8GT
VT–149	3A8GT
VT–150	6SA7
VT–150A	6SA7GT
VT–151	6A8G
VT–151B	6A8GT
VT–152	6K6GT
VT–152A	6K6G
VT–153	12C8 special
VT–154	814
VT–155	Special tube
VT–156	Special tube
VT–157	Special tube
VT–158	Special tube
VT–159	Special tube
VT–160	Special tube
VT–161	12SA7
VT–162	12SJ7
VT–163	6C8G
VT–164	1619
VT–165	1624
VT–166	37IA
VT–167	6K8
VT–167A	6K8G
VT–168A	6Y6G
VT–169	12C8
VT–170	1E5–GP
VT–171	1R5
VT–171A	Loctal equivalent of 1R5
VT–172	1S5
VT–173	1T4
VT–174	3S4
VT–175	1613
VT–176	6AB7/–1853
VT–177	1LH4
VT–178	1LC6
VT–179	1LN5
VT–180[a]	3LF4
VT–181	7Z4
VT–182	3B7/1291
VT–183	1R4/1294
VT–184	VR90–30
VT–185	3D6/1299
VT–186	Special tube
VT–187	575A
VT–188	7E6
VT–189	7F7
VT–190	7H7
VT–191	316A
VT–192	7A4
VT–193	7C7
VT–194	7J7
VT–195	1005
VT–196	6W5G
VT–197A	5Y3GT/G
VT–198A	6G6G
VT–199	6S87
VT–200	VR–105–30
VT–201	25L6
VT–201C	25L6GT
VT–202	9002
VT–203	9003
VT–204	HK24G
VT–205	6ST7
VT–206A	5V4G
VT–207	12AH7GT
VT–208	7B8
VT–209	12SG7
VT–210	1S4
VT–211	6SG7
VT–212	958
VT–213A	6L5G
VT–214	12H6
VT–215	6E5
VT–216	816
VT–217	811
VT–218	100TH
VT–219	Canceled
VT–220	250TH
VT–221	3Q5GT
VT–222	884
VT–223	1H5GT
VT–224	RK34
VT–225	307A
VT–226	2EP1/–1806P1
VT–227	7184
VT–228	8012
VT–229	6SL7GT
VT–230	350A
VT–231	6SN7GT
VT–232	E–1148
VT–233	6SR7
VT–234	HY–114B
VT–235	HY–615
VT–236	836
VT–237	957
VT–238	956
VT–239	1LE3
VT–240	710A
VT–241	7E5/1201
VT–243	7C4/–1203A
VT–244	5U4G
VT–245	2050
VT–246	918
VT–247	6AG7
VT–248	1808P1
VT–249	1006
VT–250	EF50
VT–251	441
VT–252	923
VT–254	304TH
VT–255	705A
VT–256	ZP486
VT–257	K–7
VT–259	829
VT–260	VR75–30
VT–264	3Q4
VT–266	1616
VT–267	578
VT–268	12SC7
VT–269	717A
VT–277	417
VT–279	GY–2
VT–280[a]	C7063
VT–281[a]	HY–145ZT
VT–282	ZG489
VT–283[a]	QF–206
VT–284[a]	QF–197
VT–285[a]	QF–200C
VT–286	832A
VT–287	815
VT–288	12SH7
VT–289	12SL7GT

[a] Indicates VT number has been canceled.

Note A. The plate cap of the tube under test should be connected to the upper left contact of the 6-pin (C) socket. A 12-inch lead with clip and banana plug is provided for this purpose.

Note B. Connect the plate cap (nearest the operator) to the upper left contact of the 6-pin (C) socket; use the lead provided. Connect the grid lead to the remaining cap on the tube.

Note C. Set the MICROMHOS switch at 6000 when testing this section if the tube tester bears either Order No. 27613-Phila-44-52 or 52346-Phila-45-10 on the nomenclature plate.

Note D. This test is only a partial indication of a good tube. A complete test is possible only when using equipment.

Note E. The tubes listed below should not be tapped when testing for shorts because damage to the tube may result:

1A5GT	1LB4	1S4/VT-210	3A6GT/VT-149
1A7GT	1LD5	1S5/VT-172	3B7/1291-VT-182
1C5GT	1LE3	1T4/VT-173	3D6/1299-VT-185
1G4GT	1LH4/VT-177	1T5GT	3LF4
1G6GT	1LN5/VT-179	1U4	3Q4
1H5GT	1P5GT	1U5	3Q5GT
1L4	1Q5GT	3A4	3S4/VT-174
1LA4	1R5/VT-171	3A5	3V4
1LA6			

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-777, I-777-A, AND I-777-B

Tube type	*Selector switch*		*Fil*	*Pot.*		*Socket letter*	*Press*	*Notations*
	A	*B*		*L*	*R*			
OOA	2	10	5.0	23	27	A	AMPL	
OA2	4	4	OFF	0	0	H	GAS No. 1	OK. over 200. Shorts on 4 and 5. See note D.
OA3/VR75	7	1	OFF	50	0	G	GAS No. 1	Shorts on 4 and 5. See note D.
OA4G	10	2	OFF	15	0	E	DIODE	Meter indication is obtained when FIL control is switched to 75. See note D.
OB2	4	4	OFF	30	0	H	GAS No. 1	OK. over 200. Shorts on 4 and 5. See note D.
OB3/VR90	7	1	OFF	55	0	G	GAS No. 1	Shorts on 4 and 5. See note D.
OC3/VR105	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.
OD3/VR150	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
OZ4	4	8	OFF	0	0	E	----------	Check for shorts.
OZ4	2	9	OFF	60	0	E	OZ4	
OZ4	10	2	OFF	60	0	E	OZ4	
OZ4A/1003	4	8	OFF	0	0	E	----------	Check for shorts.
OZ4A/1003	2	9	OFF	60	0	E	OZ4	See note D.
OZ4A/1003	10	2	OFF	60	0	E	OZ4	See note D.
OZ4G	4	8	OFF	0	0	E	----------	Check for shorts.
OZ4G	2	9	OFF	64	0	E	OZ4	See note D.
OZ4G	10	2	OFF	64	0	E	OZ4	See note D.
OIA	2	10	5.0	26	39	A	AMPL	
IA3	10	5	1.5	0	0	H	DIODE, also rectifier 117N7	May show shorts on 2, 3, 4, and 5.
1A4P	2	5	2.0	27	24	A	AMPL	
1A5GT/G	8	5	1.5	32	35	E	AMPL	See note E.
1A6	1	5	2.0	0	29	C	AMPL	
1A6	9	7	2.0	60	29	C	AMPL	OK. over 120.
1A7GT/G	7	7	1.5	32	20	E	AMPL	
1A7GT/G	12	7	1.5	60	38	E	AMPL	OK. over 240. See note E.
1AB5	6	2	1.1	28	20	F	AMPL	Shorts on 1.
1AD4	--	--	---	--	--	--	----------	See table III.
1AE4	--	--	---	--	--	--	----------	See table III.
1AH4	--	--	---	--	--	--	----------	See table III.
1B3GT	7	1	1.1	0	0	E	RECTIFIER STD.	Shorts on 3, 4, and 5. See note A. OK. over 300. See note D.
1B3GT/8016	7	1	1.1	0	0	E	RECTIFIER STD.	OK. over 300. See note D.
1B4P	2	5	2.0	18	29	A	AMPL	
1B5	7	8	2.0	60	23	C	AMPL	OK. over 380
1B5	10	8	2.0	0	0	C	DIODE	
1B5	12	3	2.0	0	0	C	DIODE	
1B5/25S	7	8	2.0	60	23	C	AMPL	OK. over 380.
1B5/25S	10	8	2.0	0	0	C	DIODE	
1B5/25S	12	3	2.0	0	0	C	DIODE	
1B7G	7	7	1.5	32	20	E	AMPL	
1B7G	12	7	1.5	60	38	E	AMPL	
1C5GT/G	8	5	1.5	55	36	E	AMPL	See note E.
1C6	1	5	2.0	20	24	C	AMPL	
1C6	9	7	2.0	60	41	C	AMPL	OK. over 240.
1C7G	2	5	2.0	20	25	E	AMPL	
1C7G	12	7	2.0	60	41	E	AMPL	OK. over 240.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
1C8	--	--	---	--	--	--	----------	See table III.
1C21	10	2	OFF	0	0	E	DIODE	Meter indication is obtained when FIL control is switched to 50. See note D.
1D5GP	2	5	2.0	27	24	E	AMPL	
1D7G	2	5	2.0	0	29	E	AMPL	
1D7G	12	7	2.0	60	35	E	AMPL	OK. over 160.
1D8GT	8	5	1.5	35	41	E	AMPL	
1D8GT	11	5	1.5	11	9	E	AMPL	
1D8GT	5	1	1.5	0	0	E	DIODE	
1E4G	7	5	1.5	32	30	E	AMPL	
1E5GP	2	5	2.0	35	29	E	AMPL	
1E7G	8	8	2.0	45	17	E	AMPL	
1E7G	11	6	2.0	45	17	E	AMPL	
1F4	1	5	2.0	51	19	B	AMPL	
1F5G	8	5	2.0	51	19	E	AMPL	
1F6	1	7	2.0	20	21	C	AMPL	
1F6	11	1	2.0	0	0	C	DIODE	OK. over 500.
1F6	5	5	2.0	0	0	C	DIODE	OK. over 500.
1F7G	1	5	2.0	20	21	E	AMPL	
1F7G	4	5	2.0	0	0	E	DIODE	
1F7G	7	1	2.0	0	0	E	DIODE	
1G4GT/G	7	5	1.5	33	40	E	AMPL	See note E.
1G5G	8	5	2.0	54	30	E	AMPL	
1G6GT/G	2	9	1.5	22	13	E	AMPL	
1G6GT/G	12	5	1.5	22	13	E	AMPL	See note E.
1H4G	7	5	2.0	36	33	E	AMPL	
1H5GT/G	8	5	1.5	60	13	E	AMPL	OK. over 220. See note E.
1H5GT/G	8	1	1.5	0	0	E	DIODE	
1H6G	7	8	2.0	10	20	E	AMPL	
1H6G	10	3	2.0	0	0	E	DIODE	
1H6G	10	8	2.0	0	0	E	DIODE	
1J5G	8	5	2.0	37	37	E	AMPL	
1J6G	8	8	2.0	42	12	E	AMPL	
1J6G	11	6	2.0	42	12	E	AMPL	
1L4	1	7	1.5	43	16	H	AMPL	Shorts on 4 and 5. See note E.
1LA4	6	2	1.5	32	35	F	AMPL	See note E.
1LA6	6	3	1.5	21	20	F	AMPL	See note E.
1LA6	2	8	1.5	32	38	F	AMPL	OK. over 240.
1LB4	6	2	1.5	38	42	F	AMPL	See note E.
1LC5	6	2	1.5	30	24	F	AMPL	Shorts on 4 and 5.
1LC6	6	3	1.5	41	19	F	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
1LC6	2	8	1.5	10	19	F	AMPL	
1LD5	6	2	1.5	14	23	F	AMPL	See note E.
1LD5	4	9	1.5	0	0	F	DIODE	
1LE3	5	2	1.5	49	22	F	AMPL	See note E.
1LF3	5	2	1.5	49	22	F	AMPL	
1LG5	--	--	---	--	--	--	----------	See table III.
1LH4	6	3	1.5	60	13	F	AMPL	OK. over 200. See note E.
1LH4	10	10	1.5	0	0	F	DIODE	
1LN5	6	2	1.5	28	9	F	AMPL	Shorts on 4 and 5. See note E.
1N5GT/G	8	5	1.5	28	9	E	AMPL	
1N6G	8	5	1.5	31	35	E	AMPL	
1P5GT/G	8	5	1.5	31	9	E	AMPL	See note E.
1Q5GT/G	8	5	1.5	61	30	E	AMPL	See note E.
1Q6	--	--	---	--	--	--	----------	See table III.
1R4/1294	10	5	1.5	0	0	F	DIODE	
1R5	7	7	1.5	19	29	H	AMPL	Shorts on 4 and 5.
1R5	1	7	1.5	0	25	H	AMPL	See note E.
1S4	--	--	---	--	--	--	----------	See table III.
1S5	6	6	1.5	9	28	H	AMPL	See note E.
1S5	3	6	1.5	0	0	H	DIODE	
1S6	--	--	---	--	--	--	----------	See table III.
1SA6GT	3	4	1.5	39	19	E	AMPL	
1SB6GT	2	5	1.5	20	22	E	AMPL	
1T4	1	7	1.5	28	28	H	AMPL	Shorts on 4 and 5. See note E.
1T5GT	8	5	1.5	46	37	E	AMPL	See note E.
1U4	2	5	1.5	35	12	H	AMPL	Shorts on 4 and 5. See note E.
1U5	2	5	1.5	9	28	H	AMPL	See note E.
1U5	8	1	1.5	0	0	H	DIODE	
1V	1	5	6.3	40	0	A	RECTIFIER STD.	See note D.
1V5	--	--	---	--	--	--	----------	See table III.
1W5	--	--	---	--	--	--	----------	See table III.
1Z2	--	--	---	--	--	--	----------	See table III.
2A3	2	10	2.5	67	55	A	AMPL	
2A3H	2	10	2.5	67	55	A	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	*Selector switch* A	B	*Fil*	*Pot.* L	R	*Socket letter*	*Press*	*Notations*
2A4G	7	5	2.5	36	80	E	RECTIFIER STD.	Good tube strikes between 35 and 45 on R when this control is rotated counterclockwise. See note D.
2A5	8	5	2.5	60	24	C	AMPL	
2A6	7	6	2.5	40	9	C	AMPL	
2A6	10	6	2.5	0	0	C	DIODE	
2A6	10	3	2.5	0	0	C	DIODE	
2A7	7	6	2.5	41	18	D	AMPL	
2A7	10	6	2.5	60	25	D	AMPL	OK. over 320.
2B4	1	6	2.5	40	80	B	RECTIFIER STD.	Good tube strikes between 45 and 55 on R when this control is rotated counterclockwise. See note D.
2B6	3	2	2.5	15	30	D	AMPL	
2B6	7	6	2.5	64	12	D	AMPL	Shorts on 3.
2B7	7	6	2.5	41	25	D	AMPL	
2B7	10	6	2.5	0	0	D	DIODE	
2B7	10	3	2.5	0	0	D	DIODE	
2B23	7	5	6.3	66	0	E	OZ4	See note D.
2B26	2	7	2.5	40	0	A	RECTIFIER STD.	See note D.
2C4	11	9	2.5	40	80	H	RECTIFIER STD.	Tube strikes at approximately 60 on R when this control is rotated counterclockwise. See note D.
2C21	10	3	6.3	51	14	D	AMPL	
2C21	3	3	6.3	51	14	D	AMPL	
2C22	7	2	6.3	67	11	E	AMPL	See note B.
2C26	7	2	6.3	54	15	E	AMPL	See note A.
2C26A	7	2	6.3	54	15	E	AMPL	See note A.
2C34	1	5	6.3	50	30	D	AMPL	Connect right plate cap to upper right contact on A socket with lead provided.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
2C34	7	5	6.3	50	30	D	AMPL	Connect left plate cap to upper right contact on A socket with lead provided.
2C50	--	--	---	--	--	--	----------	See table III.
2C51	--	--	---	--	--	--	----------	See table III.
2C52	--	--	---	--	--	--	----------	See table III.
2C53	9	5	6.3	0	0	E	AMPL	Connect plate cap to upper center contact on D socket with lead provided. OK. over 900. See note D.
2D21	4	8	6.3	40	80	K	RECTIFIER STD.	Good tube strikes between 25 and 30 on R when this control is rotated counterclockwise. Shorts on 2 and 3. See note D.
2E22	12	1	6.3	71	0	B	AMPL	See note A.
2E24	--	--	---	--	--	--	----------	See table III.
2E25	8	5	6.3	67	0	E	AMPL	Connect cap to upper right-hand contact of B socket with lead provided.
2E26	--	--	---	--	--	--	----------	See table III.
2E30	--	--	---	--	--	--	----------	See table III.
2E31/CK, 553AX	--	--	---	--	--	--	----------	See table III.
2E32	--	--	---	--	--	--	----------	See table III.
2E35	--	--	---	--	--	--	----------	See table III.
2E41/CK, 551AX	--	--	---	--	--	--	----------	See table III.
2V3G	7	1	2.5	0	0	E	RECTIFIER STD.	OK. over 500. See notes A and D.
2W3	4	11	2.5	33	0	E	RECTIFIER STD.	See note D.
2X2/879	7	1	2.5	0	0	A	RECTIFIER STD.	OK. over 1,000. See notes A and D.
2X2A	7	1	2.5	0	0	A	RECTIFIER STD.	OK. over 1,000. See notes A and D.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
2Z2	2	7	2.5	35	0	A	RECTIFIER STD.	See note D.
2Z2/G84	2	7	2.5	35	0	A	RECTIFIER STD.	See note D.
3A4	--	--	---	--	--	--	----------	See table III.
3A5	8	8	3.0	60	12	H	AMPL	Shorts on 4 and 5. See note E.
3A5	6	2	3.0	60	18	H	AMPL	Shorts on 4 and 5.
3A8GT	8	5	2.5	28	10	E	AMPL	Shorts on 1. See note E.
3A8GT	11	5	2.5	0	0	E	AMPL	Shorts on 1.
3B4	--	--	---	--	--	--	----------	See table III.
3B5GT	8	5	2.5	54	49	E	AMPL	Shorts on 4 and 5.
3B7	--	--	---	--	--	--	----------	See table III.
3B7/1291	--	--	---	--	--	--	----------	See table III.
3B22	4	5	2.5	40	0	A	RECTIFIER STD.	See note D.
3B22	1	5	2.5	40	0	A	RECTIFIER STD.	See note D.
3B23	10	4	2.5	55	0	A	DIODE	Connect tube cap nearest operator. See notes A and D.
3B23	10	4	2.5	55	0	A	DIODE	Connect tube cap away from operator. See notes A and D.
3B24	7	1	2.5	5	0	A	RECTIFIER STD.	Shorts on 4 and 5. See notes A and D.
3B26	7	2	2.5	20	0	E	DIODE	See notes A and D.
3B28	7	1	2.5	40	0	A	RECTIFIER STD.	See notes A and D.
3B29	7	2	2.5	20	0	A	DIODE	See notes A and D.
3C23	9	2	3.0	40	80	A	RECTIFIER STD.	Tube strikes at approximately 26 when R control is rotated counterclockwise. See notes A and D.
3D6	6	2	2.5	61	30	F	AMPL	Shorts on 1. See note E.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
3D6/1299	6	2	2.5	61	30	F	AMPL	Shorts on 1. See note E.
3E6	6	2	3.0	55	16	F	AMPL	Shorts on 4 and 5.
3E29	--	--	---	--	--	--	----------	See table III.
3LF4	6	2	3.0	62	20	F	AMPL	Shorts on 1. See note E.
3Q4	--	--	---	--	--	--	----------	See table III.
3Q5GT/G	8	5	3.0	58	31	E	AMPL	Shorts on 4 and 5. See note E.
3S4	--	--	---	--	--	--	----------	See table III.
3V4	1	7	3.0	56	28	H	AMPL	Shorts on 4 and 5. See note E.
4A1	1	2	BLST	0	0	A	----------	Shorts on 1, 2, 3, and 4.
4A6G	2	9	3.0	41	0	E	AMPL	
4A6G	12	5	3.0	41	13	E	AMPL	
5A6	--	--	---	--	--	--	----------	See table III.
5R4GY	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5R4GY	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5T4	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5T4	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5U4G	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5U4G	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5V4G	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5V4G	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5W4GT/G	4	11	5.0	33	0	E	RECTIFIER STD.	See note D.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
5W4GT/G	5	11	5.0	33	0	E	RECTIFIER STD.	See note D.
5X4G	7	9	5.0	40	0	E	RECTIFIER STD.	See note D.
5X4G	12	4	5.0	40	0	E	RECTIFIER STD.	See note D.
5Y3GT/G	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5Y3GT/G	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5Y4G	7	9	5.0	35	0	E	RECTIFIER STD.	See note D.
5Y4G	12	4	5.0	35	0	E	RECTIFIER STD.	See note D.
5Z3	2	7	5.0	40	0	A	RECTIFIER STD.	See note D.
5Z3	3	7	5.0	40	0	A	RECTIFIER STD.	See note D.
5Z4GT/G	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5Z4GT/G	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.
6A3	2	10	6.3	67	55	A	AMPL	
6A4	1	5	6.3	60	23	B	AMPL	
6A4/LA	1	5	6.3	60	23	B	AMPL	
6A5G	7	5	6.3	67	55	E	AMPL	Shorts on 5 and 6.
6A6	1	5	6.3	53	10	D	AMPL	
6A6	12	5	6.3	53	10	D	AMPL	
6A7	7	6	6.3	41	18	D	AMPL	
6A7	10	6	6.3	60	25	D	AMPL	OK. over 320.
6A8	7	7	6.3	41	18	E	AMPL	
6A8	12	7	6.3	60	30	E	AMPL	OK. over 240.
6AB4	--	--	---	--	--	--	----------	See table III.
6AB5/6N5	12	3	6.3	0	0	C	AMPL	Eye open.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
6AB/6N5	12	2	6.3	0	0	C	AMPL	Eye closed.
6AB6G	8	5	6.3	53	0	E	AMPL	
6AB7	4	2	6.3	69	8	E	AMPL	
6AB7/1853	4	2	6.3	69	8	E	AMPL	
6AC5GT/G	8	5	6.3	40	0	E	AMPL	
6AC6G	8	5	6.3	63	0	E	AMPL	
6AC7	4	2	6.3	40	24	E	AMPL	
6AD6G	2	8	6.3	0	0	E	AMPL	Eye No. 1 open. Eye No. 2 closed.
6AD6G	3	8	6.3	0	0	E	AMPL	Eye No. 2 open. Eye No. 1 closed.
6AD7G	8	5	6.3	60	24	E	AMPL	
6AD7G	5	5	6.3	60	65	E	DIODE	OK. over 260.
6AE5	7	5	6.3	47	56	E	AMPL	
6AE6G	7	5	6.3	34	0	E	AMPL	
6AE6G	10	5	6.3	28	0	E	AMPL	
6AE7GT	1	8	6.3	54	27	E	AMPL	
6AE7GT	8	8	6.3	54	27	E	AMPL	
6AF5G	8	5	6.3	53	42	E	AMPL	
6AF6G	2	8	6.3	0	0	E	AMPL	Eye No. 1 open. Eye No. 2 closed.
6AF6G	3	8	6.3	0	0	E	AMPL	Eye No. 1 closed. Eye No. 2 open.
6AG5	--	--	---	--	--	--	----------	See table III.
6AG7	4	2	6.3	72	15	E	AMPL	
6AH6	7	9	6.3	68	15	K	AMPL	
6AH7GT	7	9	6.3	60	35	E	GAS No. 1	Shorts on 2 and 3.
6AH7GT	11	9	6.3	60	35	E	GAS No. 1	Shorts on 3, 4, and 5.
6AJ5	--	--	---	--	--	--	----------	See table III.
6AK5	--	--	---	--	--	--	----------	See table III.
6AK6	1	9	6.3	66	24	K	AMPL	
6AL5	9	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.
6AL5	4	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.
6AL6G	8	5	6.3	73	19	E	AMPL	Connect cap of tube to upper center contact of 5 pin (B) socket. Use special lead provided.
6AL7	1	8	6.3	60	Vary	E	AMPL	Potentiometer R controls left pattern.
6AL7	2	8	6.3	60	Vary	E	AMPL	Potentiometer R controls right pattern.
6AL7	7	7	6.3	60	Vary	E	AMPL	Potentiometer R controls both patterns.
6AN5	--	--	---	--	--	--	----------	See table III.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
6AN6	--	--	---	--	--	--	----------	See table III.
6AQ5	8	5	6.3	70	17	L	AMPL	
6AQ6	12	2	6.3	45	5	K	AMPL	
6AQ6	4	8	6.3	0	82	K	DIODE	
6AQ6	1	8	6.3	0	82	K	DIODE	
6AQ7	--	--	---	--	--	--	----------	See table III.
6AR5	1	9	6.3	48	35	K	AMPL	
6AR6	--	--	---	--	--	--	----------	See table III.
6AS6	1	9	6.3	42	15	K	AMPL	
6AS7G	--	--	---	--	--	--	----------	See table III.
6AT6	11	4	6.3	47	15	K	AMPL	
6AT6	4	8	6.3	0	0	K	DIODE	
6AT6	1	8	6.3	0	0	K	DIODE	
6AU6	--	--	---	--	--	--	----------	See table III.
6AV6	--	--	---	--	--	--	----------	See table III.
6B4G	7	5	6.3	67	55	E	AMPL	
6B5	8	5	6.3	52	0	C	AMPL	
6B6G	--	--	---	--	--	--	----------	See table III.
6B7	7	6	6.3	41	25	D	AMPL	
6B7	10	6	6.3	0	0	D	DIODE	
6B7	10	3	6.3	0	0	D	DIODE	
6B8	--	--	---	--	--	--	----------	See table III.
6B8	10	5	6.3	0	0	E	DIODE	
6B8	10	2	6.3	0	0	E	DIODE	
6B8G	--	--	---	--	--	--	----------	See table III.
6BA6	7	9	6.3	70	0	K	AMPL	
6BD6	7	9	6.3	49	22	K	AMPL	
6BE6	8	5	6.3	52	9	K	AMPL	
6BE6	7	9	6.3	55	23	K	AMPL	
6BF5	8	5	6.3	60	40	L	AMPL	OK. over 1,200.
6BF6	--	--	---	--	--	--	----------	See table III.
6BG6G	9	6	6.3	44	12	E	AMPL	Set MICROMHOS switch to 15,000. Connect cap of tube to upper right-hand contact of 6 pin (C) socket. Use special lead provided.
6BH6	--	--	---	--	--	--	----------	See table III.
6BJ6	7	9	6.3	70	10	K	AMPL	
6BN6	--	--	---	--	--	--	----------	See table III.
6C4	2	9	6.3	67	20	L	AMPL	
6C5	7	5	6.3	60	17	E	AMPL	
6C6	1	7	6.3	49	17	C	AMPL	
6C7	7	6	6.3	49	24	D	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
6C7	10	6	6.3	0	0	D	DIODE	
6C7	10	3	6.3	0	0	D	DIODE	
6C8G	8	7	6.3	42	14	E	AMPL	
6C8G	11	7	6.3	42	14	E	AMPL	
6D4	11	2	6.3	40	80	K	RECTI-FIER STD.	Strikes between 56 and 64 on R when this control is rotated counterclockwise. See note D.
6D5	7	5	6.3	60	47	E	AMPL	
6D6	1	7	6.3	56	17	C	AMPL	
6D7	7	6	6.3	48	20	D	AMPL	
6D8G	7	7	6.3	41	22	E	AMPL	
6D8G	12	7	6.3	60	20	E	AMPL	OK. over 240.
6E5	12	3	6.3	0	0	C	AMPL	Eye open.
6E5	12	2	6.3	0	0	C	AMPL	Eye closed.
6E6	1	5	6.3	52	23	D	AMPL	
6E6	12	5	6.3	52	23	D	AMPL	
6E7	7	6	6.3	55	20	D	AMPL	
6F4	--	--	---	--	--	--	----------	See table III.
6F5	10	5	6.3	43	10	E	AMPL	
6F6GT/G	8	5	6.3	60	24	E	AMPL	
6F7	7	6	6.3	45	23	D	AMPL	
6F7	10	6	6.3	60	23	D	AMPL	OK. over 360.
6F8G	8	7	6.3	60	13	E	AMPL	
6F8G	11	7	6.3	60	13	E	AMPL	
6G6G	8	5	6.3	61	19	E	AMPL	
6H4GT	4	8	6.3	50	0	E	DIODE	
6H6	7	2	6.3	50	0	E	DIODE	
6H6	7	5	6.3	50	0	E	DIODE	
6J4	--	--	---	--	--	--	----------	See table III.
6J5GT/G	7	5	6.3	60	24	E	AMPL	
6J6	1	2	6.3	69	11	K	AMPL	
6J6	11	8	6.3	69	11	K	AMPL	
6J7	1	9	6.3	48	18	E	AMPL	
6J8G	8	5	6.3	41	15	E	AMPL	
6J8G	11	5	6.3	0	25	E	AMPL	
6K4	--	--	---	--	--	--	----------	See table III.
6K5GT/G	7	5	6.3	40	17	E	AMPL	
6K6GT/G	8	5	6.3	59	28	E	AMPL	
6K7	8	5	6.3	54	16	E	AMPL	
6K8	8	5	6.3	41	9	E	AMPL	
6K8	11	5	6.3	63	9	E	AMPL	
6L5G	7	5	6.3	56	22	E	AMPL	
6L6	8	5	6.3	73	20	E	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch		Fil	Pot.		Socket letter	Press	Notations
	A	B		L	R			
6L7	1	9	6.3	20	19	E	AMPL	
6L7	8	5	6.3	20	22	E	AMPL	
6N4	7	5	6.3	71	17	L	AMPL	
6N5	12	3	6.3	0	0	C	AMPL	Eye open.
6N5	12	2	6.3	0	0	C	AMPL	Eye closed.
6N6G	8	5	6.3	52	0	E	AMPL	
6N7	2	9	6.3	53	10	E	AMPL	
6N7	12	5	6.3	53	10	E	AMPL	
6P5GT/G	7	5	6.3	53	24	E	AMPL	
6P7G	3	12	6.3	45	23	E	AMPL	
6P7G	6	12	6.3	60	23	E	AMPL	OK. over 360.
6Q5G	7	5	6.3	40	80	E	RECTIFIER STD.	Good tube indicates between 40 and 50 when R is rotated counterclockwise. See note D.
6Q6G	7	5	6.3	40	14	E	AMPL	
6Q6G	7	2	6.3	0	0	E	DIODE	
6Q7	7	5	6.3	33	14	E	AMPL	
6Q7	10	5	6.3	0	0	E	DIODE	
6Q7	10	2	6.3	0	0	E	DIODE	
6R7GT/G	7	5	6.3	60	17	E	AMPL	
6R7GT/G	10	5	6.3	0	0	E	DIODE	
6R7GT/G	10	2	6.3	0	0	E	DIODE	
6S7	8	5	6.3	57	22	E	AMPL	
6S7G	8	5	6.3	57	22	E	AMPL	
6SA7GT/G	1	7	6.3	28	17	E	AMPL	
6SA7GT/G	7	7	6.3	28	17	E	AMPL	
6SB7	1	7	6.3	52	13	E	AMPL	
6SB7	7	7	6.3	60	33	E	AMPL	OK. over 240.
6SC7	10	3	6.3	42	0	G	AMPL	
6SC7	1	3	6.3	42	0	G	AMPL	
6SD7GT	4	2	6.3	64	13	E	AMPL	
6SF5	7	4	6.3	56	13	E	AMPL	
6SF7	6	7	6.3	50	22	G	AMPL	
6SF7	8	1	6.3	0	0	G	DIODE	
6SG7	4	2	6.3	68	10	E	AMPL	
6SH7	4	2	6.3	69	0	E	AMPL	
6SJ7	4	2	6.3	56	18	E	AMPL	
6SK7GT/G	4	2	6.3	59	18	E	AMPL	
6SL7GT	--	--	---	--	--	--	----------	See table III.
6SN7GT	--	--	---	--	--	--	----------	See table III.
6SQ7	6	6	6.3	42	0	G	AMPL	
6SQ7	3	7	6.3	0	0	G	DIODE	
6SQ7	7	1	6.3	0	0	G	DIODE	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
6SR7	--	--	---	--	--	--	----------	See table III.
6SS7	4	2	6.3	58	16	E	AMPL	
6ST7	6	7	6.3	59	12	G	AMPL	
6ST7	3	7	6.3	0	0	G	DIODE	
6ST7	7	1	6.3	0	0	G	DIODE	
6SU7	--	--	---	--	--	--	----------	See table III.
6T7G	7	5	6.3	40	14	E	AMPL	
6T7G	10	5	6.3	0	0	E	DIODE	
6T7G	10	2	6.3	0	0	E	DIODE	
6U5	12	3	6.3	0	0	E	AMPL	Eye open.
6U5	12	2	6.3	0	0	C	AMPL	Eye closed.
6U5/6G5	12	3	6.3	0	0	C	AMPL	Eye open.
6U5/6G5	12	2	6.3	0	0	C	AMPL	Eye closed.
6U6GT	8	5	6.3	73	27	E	AMPL	
6U7G	8	5	6.3	56	17	E	AMPL	
6V6GT/G	8	5	6.3	67	25	E	AMPL	
6V7G	7	5	6.3	40	32	E	AMPL	
6V7G	10	5	6.3	0	0	E	DIODE	
6V7G	10	2	6.3	0	0	E	DIODE	
6W4	9	3	6.3	50	0	G	RECTIFIER STD.	See note D.
6W5G	2	9	6.3	40	0	E	RECTIFIER STD.	See note D.
6W5G	10	2	6.3	40	0	E	RECTIFIER STD.	See note D.
6W6GT	8	5	6.3	67	46	E	AMPL	
6W7G	1	9	6.3	41	20	E	AMPL	
6X4	3	5	6.3	35	0	K	RECTIFIER STD.	Plate No. 1. See note D.
6X4	6	5	6.3	35	0	K	RECTIFIER STD.	Plate No. 2. See note D.
6X5GT/G	2	9	6.3	40	0	E	RECTIFIER STD.	See note D.
6X5GT/G	10	2	6.3	40	0	E	RECTIFIER STD.	See note D.
6Y5	9	8	6.3	40	0	C	RECTIFIER STD.	See note D.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
6Y5	12	8	6.3	40	0	C	RECTIFIER STD.	See note D.
6Y6G	8	5	6.3	74	36	E	AMPL	
6Y7G	2	9	6.3	39	12	E	AMPL	
6Y7G	12	5	6.3	39	12	E	AMPL	
6Z3	1	5	6.3	40	0	A	RECTIFIER STD.	See note D.
6Z4/84	7	7	6.3	40	0	B	RECTIFIER STD.	See note D.
6Z4/84	5	1	6.3	40	0	B	RECTIFIER STD.	See note D.
6Z5	9	12	6.3	40	0	C	RECTIFIER STD.	See note D.
6Z5	12	12	6.3	40	0	C	RECTIFIER STD.	See note D.
6Z7G	2	9	6.3	45	9	E	AMPL	
6Z7G	12	5	6.3	45	9	E	AMPL	
6ZY5G	7	2	6.3	40	0	E	RECTIFIER STD.	See note D.
6ZY5G	7	5	6.3	40	0	E	RECTIFIER STD.	See note D.
7A4	6	2	6.3	66	14	F	AMPL	
7A5	6	2	6.3	71	23	F	AMPL	
7A6	8	5	6.3	40	0	F	DIODE	Shorts on 1, 4, and 5.
7A6	11	5	6.3	40	0	F	DIODE	
7A7	6	2	6.3	58	22	F	AMPL	
7A8	5	3	6.3	41	20	F	AMPL	
7A8	8	10	6.3	0	21	F	AMPL	
7AB7/1204	--	--	---	--	--	--	----------	See table III.
7AF7	12	5	6.3	64	0	F	AMPL	
7AF7	2	9	6.3	64	0	F	AMPL	Shorts on 1, 4, and 5.
7AG7	6	2	6.3	67	0	F	AMPL	
7B4	6	2	6.3	43	10	F	AMPL	
7B5	6	2	6.3	56	28	F	AMPL	
7B6	2	3	6.3	28	9	F	AMPL	Shorts on 1, 4, and 5.
7B6	8	3	6.3	0	0	F	DIODE	Shorts on 1, 4, and 5.
7B6	6	10	6.3	0	0	F	DIODE	Shorts on 1, 4, and 5.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
7B7	5	4	6.3	57	22	F	AMPL	
7B8	5	3	6.3	40	22	F	AMPL	
7B8	8	10	6.3	0	15	F	AMPL	
7C4	9	5	6.3	25	0	F	DIODE	
7C4/1203A	9	5	6.3	25	0	F	DIODE	
7C5	6	2	6.3	67	25	F	AMPL	
7C6	2	3	6.3	15	8	F	AMPL	Shorts on 1, 4, and 5.
7C6	8	3	6.3	0	0	F	DIODE	
7C6	6	10	6.3	0	0	F	DIODE	
7C7	6	2	6.3	49	18	F	AMPL	
7E5	--	--	---	--	--	--	----------	See table III.
7E5/1201	--	--	---	--	--	--	----------	See table III.
7E6	--	--	---	--	--	--	----------	See table III.
7E7	6	3	6.3	49	18	F	AMPL	
7E7	1	8	6.3	0	0	F	DIODE	
7E7	4	8	6.3	0	0	F	DIODE	
7F7	12	5	6.3	51	0	F	AMPL	
7F7	2	9	6.3	51	0	F	AMPL	Shorts on 1, 4, and 5.
7F8	--	--	---	--	--	--	----------	See table III.
7G7	5	4	6.3	60	15	F	AMPL	
7G7/1232	5	4	6.3	60	15	F	AMPL	
7G8	--	--	---	--	--	--	----------	See note III.
7H7	6	2	6.3	67	0	F	AMPL	
7J7	6	3	6.3	31	15	F	AMPL	
7J7	2	8	6.3	42	15	F	AMPL	
7K7	--	--	---	--	--	--	----------	See table III.
7L7	6	2	6.3	60	10	F	AMPL	
7N7	2	9	6.3	60	18	F	AMPL	Shorts on 1, 4, and 5.
7N7	12	5	6.3	60	13	F	AMPL	
7Q7	6	2	6.3	33	17	F	AMPL	
7R7	6	3	6.3	67	8	F	AMPL	
7R7	1	8	6.3	0	0	F	DIODE	
7R7	4	8	6.3	0	0	F	DIODE	
7S7	6	3	6.3	53	15	F	AMPL	
7S7	2	8	6.3	53	0	F	AMPL	
7V7	6	2	6.3	72	5	F	AMPL	
7W7	6	2	6.3	67	9	F	AMPL	Shorts on 1, 4, and 5.
7X7/XXFM	1	2	6.3	30	0	F	AMPL	Shorts on 1, 4, and 5.
7X7/XXFM	12	8	6.3	0	0	F	DIODE	
7X7/XXFM	7	3	6.3	0	0	F	DIODE	
7Y4	1	6	6.3	40	0	F	RECTIFIER STD.	See note D.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
7Y4	6	6	6.3	40	0	F	RECTIFIER STD.	See note D.
7Z4	1	6	6.3	40	0	F	RECTIFIER STD.	See note D.
7Z4	6	6	6.3	40	0	F	RECTIFIER STD.	See note D.
10	2	10	7.5	50	32	A	AMPL	
10Y	2	10	7.5	50	32	A	AMPL	
12A	2	10	5.0	57	36	A	AMPL	
12A/112A	2	10	5.0	57	36	A	AMPL	
12A5	1	12	6.3	0	0	D	----------	Check for shorts.
12A5	2	10	12.6	58	42	D	AMPL	
12A6	8	5	12.6	67	10	E	AMPL	
12A7	7	6	12.6	39	39	D	AMPL	
12A7	7	3	12.6	40	0	D	RECTIFIER STD.	See note D.
12A8GT	7	7	12.6	41	18	E	AMPL	
12A8GT	12	7	12.6	60	30	E	AMPL	OK. over 240.
12AH7GT	--	--	----	--	--	--	----------	See table III.
12AL5	9	2	12.6	60	0	K	DIODE	Shorts on 2 and 3.
12AL5	4	2	12.6	60	0	K	DIODE	Shorts on 2 and 3.
12AT6	11	4	12.6	47	15	K	AMPL	
12AT6	4	8	12.6	0	0	K	DIODE	
12AT6	1	8	12.6	0	0	K	DIODE	
12AT7	--	--	----	--	--	--	----------	See table III.
12AU6	--	--	----	--	--	--	----------	See table III.
12AU7	--	--	----	--	--	--	----------	See table III.
12AV6	--	--	----	--	--	--	----------	See table III.
12AV7	--	--	----	--	--	--	----------	See table III.
12AX7	--	--	----	--	--	--	----------	See table III.
12B7	6	2	12.6	59	18	F	AMPL	
12B8GT	7	7	12.6	0	0	E	----------	Test for shorts.
12B8GT	1	7	12.6	58	18	E	AMPL	
12B8GT	11	1	12.6	60	0	E	AMPL	
12BA6	7	9	12.6	70	0	K	AMPL	
12BE6	8	5	12.6	52	9	K	AMPL	
12BE6	7	9	12.6	55	23	K	AMPL	
12C8	7	5	12.6	45	20	E	AMPL	
12C8	10	5	12.6	0	0	E	DIODE	
12F5GT	10	5	12.6	41	10	E	AMPL	
12H6	7	2	12.6	50	0	E	DIODE	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
12H6	7	5	12.6	50	0	E	DIODE	
12J5GT	7	5	12.6	60	24	E	AMPL	
12J7GT	1	9	12.6	48	18	E	AMPL	
12K7GT/G	8	5	12.6	54	20	E	AMPL	
12K8	8	5	12.6	41	9	E	AMPL	
12K8	11	5	12.6	63	9	E	AMPL	
12L8GT	--	--	----	--	--	--	----------	See table III.
12Q7GT/G	7	5	12.6	33	14	E	AMPL	
12Q7GT/G	10	5	12.6	0	0	E	DIODE	
12Q7GT/G	10	2	12.6	0	0	E	DIODE	
12SA7GT/G	1	7	12.6	28	17	E	AMPL	
12SA7GT/G	7	7	12.6	28	17	G	AMPL	
12SC7	10	3	12.6	42	0	G	AMPL	
12SC7	1	3	12.6	42	0	G	AMPL	
12SF5	7	2	12.6	40	13	G	AMPL	
12SF7	6	7	12.6	50	22	G	AMPL	
12SF7	8	1	12.6	0	0	G	DIODE	
12SG7	4	2	12.6	68	10	E	AMPL	
12SH7	4	2	12.6	69	0	E	AMPL	
12SJ7	4	2	12.6	56	18	E	AMPL	
12SK7GT/G	4	2	12.6	59	18	E	AMPL	
12SL7GT	--	--	----	--	--	--	----------	See table III.
12SN7GT	--	--	----	--	--	--	----------	See table III.
12SQ7GT/G	6	6	12.6	42	0	G	AMPL	
12SQ7GT/G	3	7	12.6	0	0	G	DIODE	
12SQ7GT/G	7	1	12.6	0	0	G	DIODE	
12SR7	--	--	----	--	--	--	----------	See table III.
12SW7	--	--	----	--	--	--	----------	See table III.
12SX7	4	1	12.6	67	0	G	AMPL	May show short on 2 and 3.
12SX7	10	4	12.6	67	0	G	AMPL	Shorts on 2 and 3.
12SY7	1	7	12.6	28	17	E	AMPL	
12SY7	7	7	12.6	28	17	E	AMPL	
12Z3	1	5	12.6	40	0	A	RECTIFIER STD.	See note D.
12Z5	6	1	6.3	40	0	D	----------	Check for shorts.
12Z5	1	8	12.6	40	0	D	RECTIFIER STD.	See note D.
12Z5	12	8	12.6	40	0	D	RECTIFIER STD.	See note D.
14A4	6	2	12.6	66	14	F	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
14A5	6	2	12.6	60	15	F	AMPL	Set MICROMHOS switch to 6000. OK. over 800.
14A7/12B7	6	2	12.6	59	18	F	AMPL	
14AF7/XXD	12	5	12.6	64	0	F	AMPL	
12AF7/XXD	2	9	12.6	64	0	F	AMPL	Shorts on 1, 4, and 5.
14B6	2	3	12.6	44	0	F	AMPL	Shorts on 1, 4, and 5.
14B6	8	3	12.6	0	0	F	DIODE	Shorts on 1, 4, and 5.
14B6	12	10	12.6	0	0	F	DIODE	Shorts on 1, 4, and 5.
14B8	5	3	12.6	40	22	F	AMPL	
14B8	8	10	12.6	0	15	F	AMPL	
14C5	6	2	12.6	69	19	F	AMPL	
14C7	6	2	12.6	63	9	F	AMPL	
14E6	--	--	----	--	--	--	----------	See table III.
14E7	6	3	12.6	49	18	F	AMPL	
14E7	1	8	12.6	0	0	F	DIODE	
14E7	4	8	12.6	0	0	F	DIODE	
14F7	2	9	12.6	56	0	F	AMPL	Shorts on 1, 4, and 5.
14F7	12	5	12.6	56	0	F	AMPL	
14F8	--	--	----	--	--	--	----------	See table III.
14H7	6	2	12.6	67	9	F	AMPL	
14J7	6	3	12.6	31	15	F	AMPL	
14J7	2	8	12.6	42	15	F	AMPL	
14N7	2	9	12.6	64	13	F	AMPL	Shorts on 1, 4, and 5.
14N7	12	5	12.6	60	13	F	AMPL	
14Q7	6	2	12.6	31	14	F	AMPL	
14R7	6	3	12.6	67	8	F	AMPL	
14R7	1	8	12.6	0	0	F	DIODE	
14R7	4	8	12.6	0	0	F	DIODE	
14S7	6	3	12.6	53	15	F	AMPL	
14S7	2	8	12.6	53	0	F	AMPL	
14W7	6	2	12.6	67	9	F	AMPL	Shorts on 1, 4, and 5.
14Y4	1	6	12.6	40	0	F	RECTIFIER STD.	See note D.
14Y4	6	6	12.6	40	0	F	RECTIFIER STD.	See note D.
14Z3	1	5	12.6	40	0	A	RECTIFIER STD.	See note D.
15	7	6	2.0	16	18	B	AMPL	
19	8	8	2.0	42	12	C	AMPL	
19	11	6	2.0	42	12	C	AMPL	
22	2	5	3.0	0	37	A	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
24	7	6	2.5	42	10	B	AMPL	
24A	7	6	2.5	42	10	B	AMPL	
VT-25A	2	10	6.3	60	25	A	AMPL	
25A6GT/G	8	5	25.0	62	35	E	AMPL	
25A7GT/G	11	5	25.0	40	0	E	----------	Check for shorts.
25A7GT/G	11	5	25.0	40	0	E	RECTI-FIER STD.	See note D.
25A7GT/G	8	5	25.0	58	35	E	AMPL	Shorts on 1, 4, and 5.
25AC5G	7	5	25.0	52	0	E	AMPL	
25B5	8	5	25.0	64	0	C	AMPL	
25B6	8	5	25.0	71	43	E	AMPL	
25B8GT	1	7	25.0	60	18	E	AMPL	
25B8GT	11	1	25.0	54	8	E	AMPL	
25C6G	8	5	25.0	74	36	E	AMPL	
25D8GT	8	5	25.0	59	15	E	AMPL	
25D8GT	11	5	25.0	45	0	E	AMPL	
25D8GT	5	1	25.0	0	0	E	DIODE	
25L6GT/G	8	5	25.0	75	15	E	AMPL	
25N6G	8	5	25.0	64	0	E	AMPL	
25X6	7	2	25.0	40	0	E	RECTI-FIER STD.	See note D.
25X6	7	5	25.0	40	0	E	RECTI-FIER STD.	See note D.
25Y5	7	8	25.0	40	0	C	RECTI-FIER STD.	See note D.
25Y5	12	8	25.0	40	0	C	RECTI-FIER STD.	See note D.
25Z3	1	5	25.0	40	0	A	RECTI-FIER STD.	See note D.
25Z4	7	2	25.0	35	0	E	RECTI-FIER STD.	See note D.
25Z5	7	8	25.0	40	0	C	RECTI-FIER STD.	See note D.
25Z5	12	8	25.0	40	0	C	RECTI-FIER STD.	See note D.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
25Z5MG	7	2	25.0	40	0	E	RECTIFIER STD.	See note D.
25Z5MG	7	5	25.0	40	0	E	RECTIFIER STD.	See note D.
25Z6GT/G	7	2	25.0	40	0	E	RECTIFIER STD.	See note D.
25Z6GT/G	7	5	25.0	40	0	E	RECTIFIER STD.	See note D.
26	2	10	1.5	46	35	A	AMPL	
26A6	--	--	---	--	--	--	----------	See table III.
26A7	--	--	---	--	--	--	----------	See table III.
26C6	--	--	---	--	--	--	----------	See table III.
26Z5	--	--	---	--	--	--	----------	See table III.
27	1	6	2.5	40	34	B	AMPL	
28D7	8	1	25.0	60	12	F	DIODE	
28D7	3	6	25.0	60	12	F	AMPL	
30	2	10	2.0	36	33	A	AMPL	
31	2	10	2.0	35	53	A	AMPL	
32	2	5	2.0	19	30	A	AMPL	
32L7GT	11	5	35.0	0	0	E	----------	Test for shorts.
32L7GT	8	5	35.0	71	18	E	AMPL	
32L7GT	11	5	35.0	40	0	E	RECTIFIER STD.	See note D.
33	1	5	2.0	50	29	B	AMPL	
RK33	3	3	6.3	42	28	D	AMPL	
RK33	9	3	6.3	42	28	D	AMPL	
34	2	5	2.0	14	27	A	AMPL	
35	7	6	2.5	42	20	B	AMPL	
35A5	6	2	35.0	74	27	F	AMPL	
35B5	--	--	----	--	--	--	----------	See table III.
35C5	--	--	----	--	--	--	----------	See table III.
35L6GT/G	8	5	35.0	71	32	E	AMPL	
35W4	1	5	BLST	0	0	L	----------	Shorts on 1, 2, 3, 4, and 5.
35W4	1	5	35.0	40	0	L	RECTIFIER STD.	Shorts on 4 and 5. See note D.
35Y4	3	4	BLST	0	0	F	----------	Shorts on 1, 2, 3, 4, and 5.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
35Y4	1	1	35.0	40	0	F	RECTIFIER STD.	See note D.
35Z3	1	1	35.0	35	0	F	RECTIFIER STD.	See note D.
35Z4GT	10	2	35.0	40	0	E	RECTIFIER STD.	See note D.
35Z5GT/G	1	3	BLST	40	0	E	----------	Shorts on 1, 2, 3, 4, and 5.
35Z5GT/G	11	1	35.0	40	0	E	RECTIFIER STD.	See note D.
35Z6G	7	2	35.0	40	0	E	RECTIFIER STD.	See note D.
35Z6G	7	5	35.0	40	0	E	RECTIFIER STD.	See note D.
36	7	6	6.3	43	20	B	AMPL	
37	1	6	6.3	36	34	B	AMPL	
38	7	6	6.3	41	32	B	AMPL	
39/44	7	6	6.3	41	23	B	AMPL	
40	2	10	5.0	60	26	A	AMPL	OK. over 160.
40Z5/45Z5GT	11	1	35.0	40	0	E	RECTIFIER STD.	See note D.
40Z5/45Z5GT	1	3	BLST	40	0	E	----------	Shorts on 1, 2, 3, 4, and 5. See note D.
41	8	5	6.3	55	28	C	AMPL	
42	8	5	6.3	60	24	C	AMPL	
43	8	5	25.0	62	35	C	AMPL	
45	2	10	2.5	59	50	A	AMPL	
45Z3	10	2	35.0	40	0	H	RECT. 11N7, also RECTIFIER STD.	See note D.
45Z5GT	11	1	35.0	40	0	E	RECTIFIER STD.	See note D.
45Z5GT	1	3	BLST	40	0	E	----------	Shorts on 1, 2, 3, 4, and 5.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
46	1	5	2.5	60	25	B	AMPL	
47	1	5	2.5	60	18	B	AMPL	
48	8	5	25.0	60	48	C	AMPL	
49	1	5	2.0	45	40	B	AMPL	
50	2	10	7.5	53	50	A	AMPL	
50A5	6	2	50.0	74	25	F	AMPL	
50B5	--	--	----	--	--	--	----------	See table III.
50C5	--	--	----	--	--	--	----------	See table III.
50C6	8	5	50.0	74	36	E	AMPL	
50L6GT	8	5	50.0	74	25	E	AMPL	
50Y6GT/G	7	2	50.0	40	0	E	RECTIFIER STD.	See note D.
50Y6GT/G	7	5	50.0	40	0	E	RECTIFIER STD.	See note D.
50Z7G	7	6	50.0	40	0	E	RECTIFIER STD.	Shorts on 4 and 5. See note D.
50Z7G	10	2	50.0	40	0	E	RECTIFIER STD.	See note D.
51	7	6	2.5	42	20	B	AMPL	
51S	7	6	2.5	42	20	B	AMPL	
52	1	5	6.3	63	27	B	AMPL	
53	1	5	2.5	53	10	D	AMPL	
53	12	5	2.5	53	10	D	AMPL	
55	7	6	2.5	40	32	C	AMPL	
55	10	6	2.5	0	0	C	DIODE	OK. over 500.
55	10	3	2.5	0	0	C	DIODE	OK. over 500.
56	1	6	2.5	53	26	B	AMPL	
57	2	5	2.5	48	17	C	AMPL	
57A	2	5	6.3	48	17	C	AMPL	
58	2	5	2.5	54	20	C	AMPL	
58A/58AS	2	5	6.3	54	20	C	AMPL	
59	8	8	2.5	60	18	D	AMPL	
VT-67	2	10	2.0	43	30	A	AMPL	
70A7GT	8	5	75.0	71	17	E	AMPL	Shorts on 1, 4, and 5.
70A7GT	11	5	75.0	0	0	E	DIODE	OK. over 300.
70L7GT	6	12	75.0	71	34	E	----------	Check for shorts.
70L7GT	7	7	75.0	71	34	E	AMPL	
70L7GT	5	1	75.0	40	0	E	RECTIFIER STD.	See note D.
71A	2	10	5.0	56	60	A	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	*Selector switch*		*Fil*	*Pot.*		*Socket letter*	*Press*	*Notations*
	A	*B*		*L*	*R*			
72	7	1	2.5	10	0	A	RECTI-FIER STD.	See notes A and D.
75	7	6	6.3	28	9	C	AMPL	
75	10	6	6.3	0	0	C	DIODE	
75	10	3	6.3	0	0	C	DIODE	
75MG	9	5	6.3	28	9	E	AMPL	
75MG	12	2	6.3	0	0	E	DIODE	
75MG	12	5	6.3	0	0	E	DIODE	
76	1	6	6.3	53	24	B	AMPL	
77	2	5	6.3	48	17	C	AMPL	
78	2	5	6.3	54	20	C	AMPL	
79	2	10	6.3	39	12	C	AMPL	
79	5	10	6.3	39	12	C	AMPL	
80	2	7	5.0	35	0	A	RECTI-FIER STD.	See note D.
80	3	7	5.0	35	0	A	RECTI-FIER STD.	See note D.
81	2	7	7.5	33	0	A	RECTI-FIER STD.	See note D.
82	2	7	2.5	40	0	A	RECTI-FIER STD.	See note D.
82	3	7	2.5	40	0	A	RECTI-FIER STD.	See note D.
82V	2	7	2.5	40	0	A	RECTI-FIER STD.	See note D.
82V	3	7	2.5	40	0	A	RECTI-FIER STD.	See note D.
83	2	7	5.0	40	0	A	RECTI-FIER STD.	See note D.
83	3	7	5.0	40	0	A	RECTI-FIER STD.	See note D.
83V	2	7	5.0	40	0	A	RECTI-FIER STD.	See note D.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
83V	3	7	5.0	40	0	A	RECTIFIER STD.	See note D.
84/6Z4	7	7	6.3	40	0	B	RECTIFIER STD.	See note D.
84/6Z4	5	1	6.3	40	0	B	RECTIFIER STD.	See note D.
85	7	6	6.3	40	32	C	AMPL	
85	10	6	6.3	0	0	C	DIODE	
85	10	3	6.3	0	0	C	DIODE	
89	2	5	6.3	54	30	C	AMPL	
89Y	2	5	6.3	54	30	C	AMPL	
99	2	10	3.0	60	45	A	AMPL	OK. over 340.
101D	2	10	4.3	39	25	A	AMPL	Insert tube in socket with pin on base away from operator.
101F	2	10	4.3	41	26	A	AMPL	Insert tube in socket with pin on base away from operator.
112A	2	10	5.0	57	36	A	AMPL	
HY113	7	5	1.5	0	40	O	AMPL	
HY115	7	5	1.5	60	32	O	AMPL	OK. over 290.
117L7/M7GT	2	8	117.0	72	30	E	AMPL	Shorts on 1, 4, and 5.
117L7/M7GT	5	8	117.0	40	0	E	RECTIFIER STD.	See note D.
117M7/GT	2	8	117.0	73	28	E	AMPL	Shorts on 1, 4, and 5.
117M7/GT	5	8	117.0	40	0	E	RECTIFIER STD.	See note D.
117N7GT	8	10	117.0	74	25	E	AMPL	
117N7GT	4	3	117.0	40	0	E	RECTIFIER 117N7, also RECTIFIER STD.	Shorts on 2 and 3. See note D.
117P7GT	8	10	117.0	70	25	E	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
117P7GT	4	3	117.0	40	0	E	RECTIFIER 117N7, also RECTIFIER STD.	Shorts on 2 and 3. See note D.
117Z3	2	6	117.0	41	0	L	RECTIFIER STD.	See note D.
117Z4GT	10	2	117.0	40	0	E	RECTIFIER STD.	See note D.
117Z6GT/G	2	7	117.0	75	0	E	GAS No. 1	See note D.
117Z6GT/G	10	2	117.0	75	0	E	GAS No. 1	Early tubes show shorts on 1 and 3; late tubes show shorts on 3. See note D.
HY 125	7	5	1.5	60	45	O	AMPL	OK. over 360.
HY 145	7	5	1.5	60	32	O	AMPL	OK. over 290.
VT 153	7	5	12.6	45	20	E	AMPL	
VT 153	10	5	12.6	0	0	E	DIODE	
VT 153	10	2	12.6	0	0	E	DIODE	
HY 155	7	5	1.5	60	45	O	AMPL	OK. over 360.
231D	2	10	3.0	19	15	A	AMPL	
244A	1	6	2.0	43	10	B	AMPL	
257A	2	5	3.0	0	40	A	AMPL	Attach clip of CAP lead to the top cap of the tube under test. OK. over 200.
259A	7	6	2.0	28	26	B	AMPL	
262B	2	6	10.0	15	25	A	AMPL	
272A	1	6	10.0	46	26	B	AMPL	
274A	3	7	5.0	35	0	A	RECTIFIER STD.	See note D.
274A	2	7	5.0	35	0	A	RECTIFIER STD.	See note D.
274B	5	11	5.0	35	0	E	RECTIFIER STD.	See note D.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	*Selector switch* A	B	*Fil*	*Pot.* L	R	*Socket letter*	*Press*	*Notations*
274B	4	11	5.0	35	0	E	RECTIFIER STD.	See note D.
275A	2	10	5.0	54	70	A	AMPL	
283A	7	6	2.0	49	10	B	AMPL	
293A	8	5	10.0	43	31	C	AMPL	
300B	2	8	5.0	60	48	A	AMPL	Set MICROMHOS switch at 6000. OK. over 1600.
307A	12	1	5.0	69	30	B	AMPL	See note A.
310A	2	5	10.0	50	16	C	AMPL	
310B	2	5	10.0	44	20	C	AMPL	
311A	7	6	10.0	61	33	B	AMPL	
313C	2	10	50.0	0	0	A	DIODE	Good tube gives meter reading. May read in red sector. See note D.
313CC	2	10	50.0	0	0	A	DIODE	Good tube gives meter reading. May read in red sector. See note D.
313CD	2	10	50.0	0	0	A	DIODE	Good tube gives meter reading. May read in red sector. See note D.
328A	8	5	7.5	54	16	C	AMPL	
329A	7	6	7.5	62	33	B	AMPL	
336A	8	5	10.0	60	20	C	AMPL	Allow tube 60 seconds to warm up. Set MICROMHOS switch at 6000. OK. over 750.
337A	2	5	10.0	50	16	C	AMPL	
338A	1	6	10.0	40	80	B	RECTIFIER STD.	Tube strikes at approximately 35 on R when this control is turned counterclockwise. See note D.
339A	12	1	5.0	60	45	B	AMPL	Set MICROMHOS switch to 6000. OK. over 1250. See notes A and D.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
345A	4	3	6.3	40	0	B	RECTIFIER STD.	Allow tube 60 seconds to warm up. See note D.
345A	7	7	6.3	40	0	B	RECTIFIER STD.	Allow tube 60 seconds to warm up. See note D.
348A	1	9	6.3	48	18	E	AMPL	
349A	8	5	6.3	67	30	E	AMPL	
350A	12	1	6.3	73	27	B	AMPL	See note A.
350B	8	5	6.3	73	27	E	AMPL	
352A	7	6	10.0	28	20	C	AMPL	
352A	10	6	10.0	0	0	C	DIODE	
352A	10	3	10.0	0	0	C	DIODE	
381A	--	--	----	--	--	--	----------	See table III.
385A	--	--	----	--	--	--	----------	See table III.
393A	2	10	3.0	40	80	E	RECTIFIER STD.	Connect plate cap to upper right contact of A socket. Good tube strikes between 22 and 32 on R when this control is rotated counterclockwise. See note D. Shorts on 1, 2, 3, 4, and 5.
394A	2	10	2.5	40	80	E	RECTIFIER STD.	Connect plate cap to upper right contact of A socket. Good tube strikes between 30 and 35 on R when this control is rotated counterclockwise. See note D.
CK503AX	--	--	---	--	--	--	----------	See table III.
CK506AX	--	--	---	--	--	--	----------	See table III.
CK512AX	--	--	---	--	--	--	----------	See table III.
615	7	5	6.3	36	25	E	AMPL	Connect right cap to upper right contact on A socket with lead provided. Connect grid lead to left cap.
713A	4	2	6.3	42	24	E	AMPL	See note A.
717A	4	2	6.3	44	23	E	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
801A	2	10	7.5	53	0	A	AMPL	
802	10	3	6.3	60	18	D	AMPL	See note A.
807	1	6	6.3	0	56	B	AMPL	Special cap lead to right center contact of 6 pin (C) socket. OK. over 500.
811	3	2	6.3	50	0	A	AMPL	Connect cap to upper contact of 5 pin (B) socket. Use special lead provided.
812	9	2	6.3	59	0	A	AMPL	See note A.
816	7	1	2.5	20	0	A	RECTIFIER STD.	See notes A and D.
829/829B	--	--	---	--	--	--	----------	See table III.
832/832A	--	--	---	--	--	--	----------	See table III.
837	10	3	12.6	71	0	D	AMPL	See note A.
841	2	10	7.5	42	0	A	AMPL	
842	2	10	7.5	46	50	A	AMPL	
843	1	6	2.5	56	10	B	AMPL	
864	2	10	1.1	18	37	A	AMPL	
865	10	4	7.5	16	28	A	AMPL	See note A.
866A/866	7	1	2.5	40	0	A	RECTIFIER STD.	See notes A and D.
871	7	1	2.5	20	0	A	RECTIFIER STD.	See note D.
874	4	5	OFF	30	0	A	GAS No. 1	See note D.
879	7	1	2.5	0	0	A	RECTIFIER STD.	OK. over 1000. See note D.
884	1	6	2.5	40	80	B	RECTIFIER STD.	Good tubes strike between 55 and 65 on R when this control is rotated counterclockwise. See note D.
885	1	6	2.5	40	80	B	RECEIVER STD.	Good tubes strike between 55 and 65 on R when this control is rotated counterclockwise. See note D.
950	1	5	2.0	37	37	B	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
951	2	5	2.0	18	29	A	AMPL	
954	6	7	6.3	44	17	M	AMPL	
955	9	7	6.3	59	18	M	AMPL	
956	6	7	6.3	53	14	M	AMPL	
957	9	7	1.1	19	23	M	AMPL	Shorts on 4 and 5.
958	9	7	1.1	32	34	M	AMPL	Shorts on 4 and 5.
985A	9	7	1.1	32	34	M	AMPL	Shorts on 4 and 5.
959	6	7	1.1	10	30	M	AMPL	Shorts on 4 and 5.
FM 1000	3	6	6.3	53	10	F	AMPL	
FM 1000	10	10	6.3	53	10	F	AMPL	
1005	1	12	6.3	68	0	G	OZ4	See note D.
1005	12	1	OFF	68	0	G	OZ4	See note D.
1006	2	7	1.5	68	0	A	OZ4	See note D.
1006	3	7	1.5	68	0	A	OZ4	See note D.
1007	8	2	1.1	62	0	E	OZ4	Shorts on 4 and 5.
1007	8	5	OFF	62	0	E	OZ4	Shorts on 4 and 5.
1201	12	4	6.3	67	0	N	AMPL	Shorts on 1, 2, and 5.
1203	9	5	6.3	25	0	F	DIODE	
1204	3	9	6.3	58	0	N	AMPL	Shorts on 4 and 5.
1231	5	4	6.3	71	10	F	AMPL	
1232	5	4	6.3	60	15	F	AMPL	
1274	10	2	6.3	35	0	E	RECTIFIER STD.	See note D.
1274	2	9	6.3	35	0	E	RECTIFIER STD.	See note D.
1284	6	2	12.6	60	23	F	AMPL	
1285	8	5	25.0	72	31	F	AMPL	
1291	--	--	----	--	--	--	----------	See table III.
1293	6	2	1.5	50	25	F	AMPL	
1294	10	5	1.5	0	0	F	DIODE	
1299	6	2	2.5	61	30	F	AMPL	Shorts on 1. See note E.
1603	1	7	6.3	49	17	C	AMPL	
1609	1	5	1.5	26	18	B	AMPL	
1611	8	5	6.3	60	24	E	AMPL	
1612	1	9	6.3	20	19	E	AMPL	
1612	8	5	6.3	20	22	E	AMPL	
1613	8	5	6.3	60	24	E	AMPL	
1614	8	5	6.3	73	20	E	AMPL	
1616	7	1	2.5	35	0	A	RECTIFIER STD.	See notes A and D.
1619	8	5	2.5	69	24	E	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I–177, I–177–A, AND I–177–B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
1620	1	9	6.3	48	18	E	AMPL	
1621	8	5	6.3	60	24	E	AMPL	
1622	8	5	6.3	73	20	E	AMPL	
1624	12	1	2.5	71	14	B	AMPL	See note A.
1625	4	3	12.6	0	56	D	AMPL	Special cap lead to right center contact of 6 pin (C) socket. OK. over 500.
1626	8	5	12.6	61	43	E	AMPL	
1629	4	8	12.6	0	0	E	AMPL	Eye open.
1629	4	9	12.6	0	0	E	AMPL	Eye closed.
1631	8	5	12.6	73	19	E	AMPL	
1632	8	5	12.6	75	15	E	AMPL	
1633	4	1	25.0	75	0	G	AMPL	
1633	10	4	25.0	69	0	G	AMPL	Shorts on 2 and 3.
1634	10	3	12.6	42	0	G	AMPL	
1634	1	3	12.6	42	0	G	AMPL	
1635	12	5	6.3	35	0	E	AMPL	
1635	2	9	6.3	35	0	E	AMPL	
1641	7	1	5.0	40	0	A	RECTIFIER STD.	Connect clip lead to right plate cap. Left plate cap of tube under test should be connected to the upper left contact of the 6-pin (C) socket. A 12-inch lead with clip and banana plug is provided for that purpose. See note D.
1641	7	1	5.0	40	0	A	RECTIFIER STD.	Connect clip lead to left plate cap. Right plate cap of tube under test should be connected to the upper left contact of the 6-pin (C) socket. A 12-inch lead with clip and banana plug is provided for that purpose. See note D.
1644	--	--	---	--	--	--	----------	See table III.
1851	8	5	6.3	71	10	E	AMPL	

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
1852	4	2	6.3	71	0	E	AMPL	
1853	4	2	6.3	71	10	E	AMPL	
2050	8	5	6.3	40	80	E	RECTIFIER STD.	Good tubes strike between 30 and 35 on R when this control is rotated counterclockwise. See note D.
2051	8	5	6.3	40	80	E	RECTIFIER STD.	Good tubes strike between 30 and 35 on R when this control is rotated counterclockwise. See note D.
5517	10	2	OFF	64	0	H	OZ4	Connect plate cap of tube to upper left contact of 6-pin (C) socket. Use special lead provided. Shorts on 4 and 5. See note D.
5633/SN944	--	--	---	--	--	--	----------	See table III.
5634/SD828E	--	--	---	--	--	--	----------	See table III.
5635/SN955B	--	--	---	--	--	--	----------	See table III.
5636/-SN1007B	--	--	---	--	--	--	----------	See table III.
5637/SD917A	--	--	---	--	--	--	----------	See table III.
5638/SD828A	--	--	---	--	--	--	----------	See table III.
5640/SN947C	--	--	---	--	--	--	----------	See table III.
5641/SN977C	--	--	---	--	--	--	----------	See table III.
5643	--	--	---	--	--	--	----------	See table III.
5645	--	--	---	--	--	--	----------	See table III.
5646	--	--	---	--	--	--	----------	See table III.
5647/SN978B	--	--	---	--	--	--	----------	See table III.
5651	--	--	---	--	--	--	----------	See table III.
5654/6AK5W	--	--	---	--	--	--	----------	See table III.
5656	--	--	---	--	--	--	----------	See table III.
5663	12	2	6.3	40	80	K	RECTIFIER STD.	Tube strikes at approximately 25 on R when this control is turned counterclockwise. See note D.
5670	--	--	---	--	--	--	----------	See table III.
5672	--	--	---	--	--	--	----------	See table III.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
5676/-CK556AX	--	--	---	--	--	--	----------	See table III.
5677/-CK568AX	--	--	---	--	--	--	----------	See table III.
5678/-CK569AX	--	--	---	--	--	--	----------	See table III.
5687	--	--	---	--	--	--	----------	See table III.
5696	--	--	---	--	--	--	----------	See table III.
5702	--	--	---	--	--	--	----------	See table III.
5703	--	--	---	--	--	--	----------	See table III.
5704	--	--	---	--	--	--	----------	See table III.
5725	1	9	6.3	42	15	K	AMPL	
5726	9	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.
5726	4	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.
5744	--	--	---	--	--	--	----------	See table III.
5749	7	9	6.3	70	0	K	AMPL	
5751	--	--	---	--	--	--	----------	See table III.
5783	--	--	---	--	--	--	----------	See table III.
5787	--	--	---	--	--	--	----------	See table III.
CK5829	--	--	---	--	--	--	----------	See table III.
5852	8	5	6.3	40	0	E	RECTIFIER STD.	See note D.
5852	10	2	6.3	40	0	E	RECTIFIER STD.	See note D.
5854	--	--	---	--	--	--	----------	See table III.
5896	--	--	---	--	--	--	----------	See table III.
5903	--	--	---	--	--	--	----------	See table III.
5930	2	10	2.5	67	55	A	AMPL	
5931	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.
5931	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.
7193	7	2	6.3	57	25	E	AMPL	
8016	7	1	1.1	0	0	E	RECTIFIER STD.	Shorts on 3, 4, and 5. OK. over 200. See notes A and D.
8020	7	1	5.0	6	0	A	RECTIFIER STD.	See notes A and D.
9001	--	--	---	--	--	--	----------	See table III.
9002	--	--	---	--	--	--	----------	See table III.

TABLE II. TUBE TEST DATA FOR USE WITH TUBE TESTERS I-177, I-177-A, AND I-177-B—Continued

Tube type	Selector switch A	Selector switch B	Fil	Pot. L	Pot. R	Socket letter	Press	Notations
9003	--	--	---	--	--	--	----------	See table III.
9004	9	12	6.3	44	0	M	DIODE	Good tube reads in green sector.
9005	9	1	3.0	20	0	M	DIODE	Shorts on 2, 3, 4, and 5. Good tube reads in green sector.
9006	2	9	6.3	20	0	L	DIODE	Shorts on 4 and 5.
38142	2	10	7.5	62	30	A	AMPL	
XXB	2	10	2.5	30	30	F	AMPL	
XXB	12	6	2.5	31	60	F	AMPL	OK. over 320.
XXD	12	5	12.6	64	0	F	AMPL	Shorts on 1, 4, and 5.
XXD	2	9	12.6	64	0	F	AMPL	
XXFM	1	2	6.3	30	0	F	AMPL	Shorts on 1, 4, and 5.
XXFM	12	8	6.3	0	0	F	DIODE	
XXFM	7	3	6.3	0	0	F	DIODE	
XXL	6	2	6.3	67	0	F	AMPL	

Note A. The plate cap of the tube under test should be connected to the upper left contact of the 6-pin (C) socket. A 12-inch lead with clip and banana plug is provided for this purpose.

Note B. Connect the plate cap (nearest the operator) to the upper left contact of the 6-pin (C) socket, using the lead provided. Connect the grid lead to the remaining cap on the tube.

Note C. Set the MICROMHOS switch at 6000 when testing this section if the tube tester bears either Order No. 27613-Phila-44-52 or 52346-Phila-45-10 on the nomenclature plate.

Note D. This test is only a partial indication of a good tube. A complete test is possible only when using equipment.

Note E. The tubes listed below should not be tapped when testing for shorts because damage to the tube may result:

1A5GT	1LB4	1S4/VT-210	3A6GT/VT-149
1A7GT	1LD5	1S5/VT-172	3B7/1291-VT-182
1C5GT	1LE3	1T4/VT-173	3D6/1299-VT-185
1G4GT	1LH4/VT-177	1T5GT	3LF4
1G6GT	1LN5/VT-179	1U4	3Q4
1H5GT	1P5GT	1U5	3Q5GT
1L4	1Q5GT	3A4	3S4/VT-174
1LA4	1R5/VT-171	3A5	3V4
1LA6			

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
1AD4	1.5	55	20	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5 or X6 if short leads.	AMPL	Set LINE TEST to 1250.
1AE4	1.1	40	21	1 to FIL 2 to P 3 to SC 6 to G 7 to FIL	X8	AMPL	OK. over 850.
1AH4	1.1	0	20	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5	AMPL	Red dot indicates pin No. 1. Set MICROMHOS switch to 6000. OK. over 700. See note D.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
1C8, Converter section.	1.1	0	40	2 to K 4 to FIL 5 to FIL 6 to P 7 to SC 8 to G	X5 or X6 if short leads.	AMPL	OK. over 350.
1C8, Oscillator section.	1.1	0	60	2 to G 4 to FIL 5 to FIL 6 to P 7 to P 8 to K	X5 or X6 if short leads.	AMPL	OK. over 950.
1LG5	1.5	0	28	1 to FIL 2 to P 3 to SC 5 to FIL 6 to G	X4	AMPL	
1Q6	1.1	5	25	2 to G 4 to FIL 5 to FIL 7 to P 8 to SC	X5 or X6 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.
1Q6	1.1	0	0	4 to FIL 5 to FIL 6 to P	X5 or X6 if short leads.	DIODE	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.
1S4	1.5	50	45	1 to FIL 2 to P 3 to G 4 to SC 7 to FIL	X8	AMPL	See note E.
1S6	1.1	5	25	1 to P 3 to G 4 to FIL 5 to FIL 8 to SC	X5 or X6 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
1S6	1.1	0	0	4 to FIL 5 to FIL 6 to P	X5 or X6 if short leads.	DIODE	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.
1V5	1.1	0	24	2 to G 4 to FIL 5 to FIL 7 to P 8 to SC	X5	AMPL	OK. over 440. See note D.
1W5	1.1	0	28	2 to G 4 to FIL 5 to FIL 7 to P 8 to SC	X5 or X6 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control meter until needle indicates 1800 instead of LINE TEST.
1Z2	1.1	0	0	1 to FIL 2 to FIL Cap to PLATE	X8	RECTIFIER STD.	Press LINE TEST button and rotate LINE ADJUSTMENT control until needle indicates 1800 instead of LINE TEST. OK. over 500. See note D.
2C50, Section No. 1.	12.6	48	39	1 to K 4 to G 5 to P 6 to K 7 to FIL 8 to FIL	X3	AMPL	
2C50, Section No. 2.	12.6	48	39	1 to G 2 to P 3 to K 4 to K 7 to FIL 8 to FIL	X3	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
SC51, Section No. 1.	6.3	64	22	1 to FIL 2 to K 3 to G 4 to P 9 to FIL	X9	AMPL	
2C51, Section No. 2.	6.3	64	22	1 to FIL 6 to P 7 to G 8 to K 9 to FIL	X9	AMPL	
2C52, Section No. 1.	12.6	15	20	1 to K 4 to G 5 to P 6 to K 7 to FIL 8 to FIL	X3	AMPL	
2C52, Section No. 2.	12.6	15	20	1 to G 2 to P 3 to K 4 to K 7 to FIL 8 to FIL	X3	AMPL	
2E24	6.3	48	30	1 to K 2 to FIL 2 to SC 4 to K 5 to G 7 to FIL Cap to P	X3	AMPL	Shorts on 4 and 5. Set MICROMHOS switch to 6000.
2E26	6.3	54	35	1 to K 2 to FIL 3 to SC 5 to G 7 to FIL 8 to K Cap to P	X3	AMPL	
2E30	6.3	52	25	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
2E31/CK, 553AX.	1.1	10	30	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5 or X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No. 1 lead.
2E32/CK, 553AX.	1.1	10	30	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5 or X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No. 1 lead.
2E35	1.1	0	18	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5	AMPL	Red dot indicates pin No. 1. Depress AMPL only momentarily. Good tube reads on green.
2E41/CK, 551AX, Pentode section.	1.1	10	30	1 to P 2 to SC 4 to FIL 5 to G 6 to FIL	X5 or X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No. 1 lead.
2E41/CK, 551AX, Diode section.	1.1	0	0	3 to P 4 to FIL 6 to FIL	X5 or X7 if short leads.	DIODE	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
3A4	3.0	60	39	1 to FIL 2 to P 3 to SC 4 to G 6 to P 7 to FIL	X8	AMPL	See note E.
3B4	2.5	54	50	1 to SC 2 to K 3 to G 4 to FIL 5 to FIL 6 to K 7 to P	X8	AMPL	
3B7/1291, Triode No. 1.	2.5	40	25	1 to FIL 6 to G 7 to P 8 to FIL	X4	AMPL	See note E.
3B7/1291, Triode No. 2.	2.5	40	25	1 to FIL 2 to P 3 to G 8 to FIL	X4	AMPL	See note E.
3E29, Section No. 1.	12.6	65	24	1 to FIL 2 to G 3 to SC 4 to K 6 to G 7 to FIL Top lead of tube nearest operator to P.	X1	AMPL	Use tube contact assembly to make plate connection. See note D.
3E29, Section No. 2.	12.6	65	24	1 to FIL 2 to G 3 to SC 4 to K 6 to G 7 to FIL Top lead away from operator to P.	X1	AMPL	Use tube contact assembly to make plate connections. See note D.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
3Q4GT/G	2.5	62	20	1 to FIL 2 to P 3 to G 4 to SC 6 to P 7 to FIL	X8	AMPL	See note E.
3S4	3.0	50	45	1 to FIL 2 to P 3 to G 4 to SC 7 to FIL	X8	AMPL	See note E.
5A6	5.0	55	32	1 to P 3 to K 4 to FIL 5 to FIL 6 to SC 7 to G 9 to K	X9	AMPL	Shorts on 4 and 5.
6AB4	6.3	72	11	1 to P 3 to FIL 4 to FIL 6 to G 7 to K	X8	AMPL	
6AG5	6.3	59	15	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	
6AJ5	6.3	71	21	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	
6AK5	6.3	53	23	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
6AN5	6.3	65	16	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	Reads in green sector. Set MICROMHOS switch at 6000.
6AN6	6.3	40	0	1 to FIL 2 to P 6 to K 7 to FIL	X8	DIODE	See note D.
6AN6	6.3	40	0	1 to FIL 3 to P 6 to K 7 to FIL	X8	DIODE	See note D.
6AN6	6.3	40	0	1 to FIL 4 to P 6 to K 7 to FIL	X8	DIODE	See note D.
6AN6	6.3	40	0	1 to FIL 5 to P 6 to K 7 to FIL	X8	DIODE	See note D.
6AQ7, Triode	6.3	0	22	4 to G 5 to P 6 to K 7 to FIL 8 to FIL	X3	AMPL	OK. over 1100. See note D.
6AQ7, Diode No. 1.	6.3	0	0	1 to P 2 to K 3 to K 7 to FIL 8 to FIL	X3	DIODE	
6AQ7, Diode No. 2.	6.3	0	0	1 to K 2 to K 3 to P 7 to FIL 8 to FIL	X3	DIODE	
6AR6	6.3	71	36	1 to K 3 to P 5 to SC 6 to FIL 7 to G 8 to FIL	X3	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
6AS7G, Triode No. 1.	6.3	70	82	4 to G 5 to P 6 to K 7 to FIL 8 to FIL	X3	AMPL	Depress AMPL TEST switch only momentarily.
6AS7G, Triode No. 2.	6.3	70	82	1 to G 2 to P 3 to K 7 to FIL 8 to FIL	X3	AMPL	Depress AMPL TEST switch only momentarily.
6AU6	6.3	45	20	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	
6AV6, Triode section.	6.3	53	10	1 to G 2 to K 3 to FIL 4 to FIL 7 to P	X8	AMPL	
6AV6, Diode No. 1.	6.3	0	0	2 to K 3 to FIL 4 to FIL 6 to P	X8	DIODE	
6AV6, Diode No. 2.	6.3	0	0	2 to K 3 to FIL 4 to FIL 5 to P	X8	DIODE	
6B6G, Triode.	6.3	30	12	2 to FIL 3 to P 7 to FIL 8 to K Cap to G	X3	AMPL	Connect clip lead to top of tube.
6B6G, Diode No. 1.	6.3	0	0	2 to FIL 4 to P 7 to FIL 8 to K	X3	DIODE	
6B6G, Diode No. 2.	6.3	0	0	2 to FIL 5 to P 7 to FIL 8 to K	X3	DIODE	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
6B8, Pentode section.	6.3	49	20	1 to K 2 to FIL 3 to P 6 to SC 7 to FIL 8 to K Cap to G	X3	AMPL	
6B8, Diode No. 1.	6.3	0	0	1 to K 2 to FIL 5 to P 7 to FIL 8 to K	X3	DIODE	
6B8, Diode No. 2.	6.3	0	0	1 to K 2 to FIL 4 to P 7 to FIL 8 to K	X3	DIODE	
6B8G, Pentode section.	6.3	43	20	2 to FIL 3 to P 6 to SC 7 to FIL 8 to K Cap to G	X3	AMPL	
6B8G, Diode No. 1.	6.3	0	0	2 to FIL 5 to P 7 to FIL 8 to K	X3	DIODE	
6B8G, Diode No. 2.	6.3	0	0	2 to FIL 4 to P 7 to FIL 8 to K	X3	DIODE	
6BF6, Triode.	6.3	50	23	1 to G 2 to K 3 to FIL 4 to FIL 7 to P	X8	AMPL	
6BF6, Diode No. 1.	6.3	0	0	2 to K 3 to FIL 4 to FIL 6 to P	X8	DIODE	
6BF6, Diode No. 2.	6.3	0	0	2 to K 3 to FIL 4 to FIL 5 to P	X8	DIODE	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
6BH6	6.3	58	15	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	
6BN6, Limiter grid.	6.3	10	0	1 to K 2 to G 3 to FIL 4 to FIL 5 to SC 6 to K 7 to P	X8	AMPL	
6BN6, Quadrature grid.	6.3	25	0	1 to K 2 to K 3 to FIL 4 to FIL 5 to SC 6 to G 7 to P	X8	AMPL	
6F4	6.3	63	29	1 to FIL 2 to G 3 to P 6 to FIL 7 to K	X2	AMPL	
6J4	6.3	60	20	1 to G 2 to K 3 to FIL 4 to FIL 7 to P	X8	AMPL	Set MICROMHOS switch to 6000. Reads OK. over 800.
6K4	6.3	60	35	1 to P 2 to G 3 to FIL 4 to FIL 5 to K	X5 or X6 if short leads.	AMPL	Green arrow on tube indicates No. 1 lead.
6SL7GT, Section No. 1.	6.3	34	13	1 to K 4 to G 5 to P 6 to K 7 to FIL 8 to FIL	X3	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
6SL7GT, Section No. 2.	6.3	34	13	1 to G 2 to P 3 to K 4 to K 7 to FIL 8 to FIL	X3	AMPL	
6SN7GT, Section No. 1.	6.3	56	24	1 to K 4 to G 5 to P 6 to K 7 to FIL 8 to FIL	X3	AMPL	
6SN7GT, Section No. 2.	6.3	56	24	1 to G 2 to P 3 to K 4 to K 7 to FIL 8 to FIL	X3	AMPL	
6SR7, Triode.	6.3	53	25	2 to G 3 to K 6 to P 7 to FIL 8 to FIL	X3	AMPL	
6SR7, Diode No. 1.	6.3	0	0	3 to K 5 to P 7 to FIL 8 to FIL	X3	DIODE	
6SR7, Diode No. 2.	6.3	0	0	3 to K 4 to P 7 to FIL 8 to FIL	X3	DIODE	
6SU7, Section No. 1.	6.3	32	13	1 to K 4 to G 5 to P 6 to K 7 to FIL 8 to FIL	X8	AMPL	
6SU7, Section No. 2.	6.3	32	13	1 to G 2 to P 3 to K 4 to K 7 to FIL 8 to FIL	X8	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug— Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
7AB7/1204	6.3	58	0	1 to SC 2 to FIL 3 to P 4 to K 5 to G 6 to K 7 to FIL	X4	AMPL	
7E5	6.3	67	0	1 to G 2 to FIL 3 to P 4 to K 5 to G 6 to K 7 to P 8 to FIL	X4	AMPL	
7E5/1201	6.3	67	0	1 to G 2 to FIL 3 to P 4 to K 5 to G 6 to K 7 to P 8 to FIL	X4	AMPL	
7E6, Triode section.	6.3	47	25	1 to FIL 2 to P 3 to G 7 to K 8 to FIL	X4	AMPL	
7E6, Diode No. 1.	6.3	0	0	1 to FIL 6 to P 7 to K 8 to FIL	X4	DIODE	
7E6, Diode No. 2.	6.3	0	0	1 to FIL 5 to P 7 to K 8 to FIL	X4	DIODE	
7F8, Section No. 1.	6.3	62	20	1 to K 2 to FIL 5 to K 6 to P 7 to FIL 8 to G	X4	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
7F8, Section No. 2.	6.3	60	20	1 to G 2 to FIL 3 to P 4 to K 7 to FIL 8 to K	X4	AMPL	
7G8, Section No. 1.	6.3	0	27	1 to FIL 3 to SC 4 to G 5 to G 6 to K 7 to P 8 to FIL	X5	AMPL	OK. over 1050. See note D.
7G8, Section No. 2.	6.3	0	27	1 to FIL 2 to P 3 to SC 4 to G 5 to G 6 to K 8 to FIL	X5	AMPL	OK. over 1050. See note D.
7K7, Triode.	6.3	0	20	1 to FIL 2 to K 3 to P 4 to G 8 to FIL	X4	AMPL	
7K7, Diode No. 1.	6.3	0	0	1 to FIL 6 to P 7 to K 8 to FIL	X4	DIODE	
7K7, Diode No. 2.	6.3	0	0	1 to FIL 5 to P 7 to K 8 to FIL	X4	DIODE	
12AH7GT, Section No. 1.	12.6	57	25	1 to K 4 to K 5 to G 6 to P 7 to FIL 8 to FIL	X3	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug— Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
12AH7GT, Section No. 2.	12.6	57	25	1 to G 2 to K 3 to P 5 to K 7 to FIL 8 to FIL	X3	AMPL	
12AT7, Section No. 1.	12.6	73	11	4 to FIL 5 to FIL 6 to P 7 to G 8 to K	X9	AMPL	
12AT7, Section No. 2.	12.6	73	11	1 to P 2 to G 3 to K 4 to FIL 5 to FIL	X9	AMPL	
12AU6	12.6	45	20	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	
12AU7, Section No. 1.	12.6	54	25	4 to FIL 5 to FIL 6 to P 7 to G 8 to K	X9	AMPL	
12AU7, Section No. 2.	12.6	54	25	1 to P 2 to G 3 to K 4 to FIL 5 to FIL	X9	AMPL	
12AV6, Triode section.	12.6	53	10	1 to G 2 to K 3 to FIL 4 to FIL 7 to P	X8	AMPL	
12AV6, Diode No. 1.	12.6	0	0	2 to K 3 to FIL 4 to FIL 6 to P	X8	DIODE	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
12AV6, Diode No. 2.	12.6	0	0	2 to K 3 to FIL 4 to FIL 5 to P	X8	DIODE	
12AV7, Section No. 1.	12.6	60	15	4 to FIL 5 to FIL 6 to P 7 to G 8 to K 9 to K	X9	AMPL	Shorts on 4 and 5. Set MICROMHOS switch to 15000. OK. over 400.
12AV7, Section No. 2.	12.6	60	15	1 to P 2 to G 3 to K 4 to FIL 5 to FIL 9 to K	X9	AMPL	Shorts on 4 and 5. Set MICROMHOS switch to 15000. OK. over 400.
12AX7, Section No. 1.	12.6	0	19	4 to FIL 5 to FIL 6 to P 7 to G 8 to K	X9	AMPL	
12AX7, Section No. 2.	12.6	0	19	1 to P 2 to G 3 to K 4 to FIL 5 to FIL	X9	AMPL	
12L8GT, Section No. 1.	12.6	58	15	1 to G 2 to K 3 to K 5 to SC 6 to FIL 7 to FIL 8 to P	X4	AMPL	
12L8GT, Section No. 2.	12.6	58	15	1 to K 2 to K 3 to G 4 to P 5 to SC 6 to FIL 7 to FIL	X4	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
12SL7, Section No. 1.	12.6	34	13	1 to G 2 to P 3 to K 4 to K 7 to FIL 8 to FIL	X3	AMPL	
12SL7, Section No. 2.	12.6	34	13	1 to K 4 to G 5 to P 6 to K 7 to FIL 8 to FIL	X3	AMPL	
12SN7, Section No. 1.	12.6	56	24	1 to K 4 to G 5 to P 6 to K 7 to FIL 8 to FIL	X3	AMPL	
12SN7, Section No. 2.	12.6	56	24	1 to G 2 to P 3 to K 4 to K 7 to FIL 8 to FIL	X3	AMPL	
12SR7, Triode section.	12.6	53	25	2 to G 3 to K 6 to P 7 to FIL 8 to FIL	X3	AMPL	
12SR7, Diode No. 1.	12.6	0	0	3 to K 5 to P 7 to FIL 8 to FIL	X3	DIODE	
12SR7, Diode No. 2.	12.6	0	0	3 to K 4 to P 7 to FIL 8 to FIL	X3	DIODE	
12SW7, Triode section.	12.6	56	23	2 to G 3 to K 6 to P 7 to FIL 8 to FIL	X3	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
12SW7, Diode No. 1.	12.6	20	0	3 to K 5 to P 7 to FIL 8 to FIL	X3	DIODE	OK. over 800.
12SW7, Diode No. 2.	12.6	20	0	3 to K 4 to P 7 to FIL 8 to FIL	X3	DIODE	OK. over 800.
14E6, Triode.	12.6	47	25	1 to FIL 2 to P 3 to G 7 to K 8 to FIL	X4	AMPL	
14E6, Diode No. 1.	12.6	0	0	1 to FIL 6 to P 7 to K 8 to FIL	X4	DIODE	
14E6, Diode No. 2.	12.6	0	0	1 to FIL 5 to P 7 to K 8 to FIL	X4	DIODE	
14F8, Section No. 1.	12.6	60	20	1 to K 2 to FIL 5 to K 6 to P 7 to FIL 8 to G	X4	AMPL	
14F8, Section No. 2.	12.6	60	20	1 to G 2 to FIL 3 to P 4 to K 7 to FIL 8 to K	X4	AMPL	
26A6	25.0	60	9	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	Set the MICROMHOS switch at 6000. Allow 60 seconds warm-up time. OK. over 1250. See note D.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
26A7, Section No. 1.	25.0	60	10	1 to G 2 to K 6 to FIL 7 to FIL 8 to P	X3	GAS No. 1	Allow 60 seconds warm-up time. Set the MICROMHOS switch at 6000. OK. over 1000. See note D.
26A7, Section No. 2.	25.0	60	10	2 to K 3 to G 4 to P 6 to FIL 7 to FIL	X3	GAS No. 1	Allow 60 seconds warm-up time. Set the MICROMHOS switch at 6000. OK. over 1000. See note D.
26C6, Triode section.	25.0	60	18	1 to G 2 to K 3 to FIL 4 to FIL 7 to P	X8	AMPL	Allow 60 seconds warm-up time. OK. over 1200. See note D.
26C6, Diode No. 1.	25.0	0	0	1 to G 2 to K 3 to FIL 4 to FIL 6 to P	X8	DIODE	
26C6, Diode No. 2.	25.0	0	0	1 to G 2 to K 3 to FIL 4 to FIL 5 to P	X8	DIODE	
26Z5, Diode No. 1.	25.0	60	0	1 to P 3 to K 4 to FIL 5 to FIL	X9	DIODE	
26Z5, Diode No. 2.	25.0	60	0	4 to FIL 5 to FIL 6 to P 8 to K	X9	DIODE	
35B5	35.0	63	32	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to G	X8	AMPL	Set MICROMHOS switch to 6000.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug— Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
35C5	35.0	63	32	1 to K 2 to G 3 to FIL 4 to FIL 5 to G 6 to SC 7 to P	X8	AMPL	Set MICROMHOS switch to 6000.
50B5	50.0	65	32	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to G	X8	AMPL	Set MICROMHOS switch to 6000.
50C5	50.0	65	32	1 to K 2 to G 3 to FIL 4 to FIL 5 to G 6 to SC 7 to P	X8	AMPL	Set MICROMHOS switch to 6000.
381 A	6.3	48	0	1 to K 2 to FIL 5 to P 8 to FIL	X3	DIODE	
385 A	6.3	48	22	1 to K 2 to FIL 3 to SC 5 to G 7 to K 8 to FIL Cap to P	X3	AMPL	
CK503AX	1.1	17	30	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5 or X7 if short leads.	AMPL	Depress AMPL TEST switch only momentarily. Red dot on tube indicates No 1 lead.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
CK506AX	1.1	10	48	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5 or X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Depress AMPL TEST switch only momentarily. Red dot on tube indicates No. 1 lead.
CK512AX	1.1	0	31	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5 or X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1000 instead of LINE TEST. OK. over 250. Depress AMPL TEST button only momentarily. Red dot on tube indicates No. 1 lead.
829 B, Section No. 1.	12.6	65	24	1 to FIL 2 to G 3 to SC 4 to K 6 to G 7 to FIL Top lead of tube away from operator to P.	XI	AMPL	Use tube contact clip assembly to make plate connection. See note D.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
829 B, Section No. 2.	12.6	65	24	1 to FIL 2 to G 3 to SC 4 to K 6 to G 7 to FIL Top lead of tube nearest operator to P.	XI	AMPL	Use tube contact assembly to make plate connection. See note D.
832 A, Section No. 1.	12.6	52	30	1 to FIL 2 to G 3 to SC 4 to K 6 to G 7 to FIL Top lead of tube nearest operator to P.	XI	AMPL	Use tube contact clip assembly to make plate connection. See note D.
832 A, Section No. 2.	12.6	52	30	1 to FIL 2 to G 3 to SC 4 to K 6 to G 7 to FIL Top lead of tube away from operator to P.	XI	AMPL	Use tube contact clip assembly to make plate connection. See note D.
1291, Triode No. 1.	2.5	40	25	1 to FIL 6 to G 7 to P 8 to FIL	X4	AMPL	See note E.
1291, Triode No. 2.	2.5	40	25	1 to FIL 2 to P 3 to G 8 to FIL	X4	AMPL	See note E.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
1644, Section No. 1.	12.6	58	15	1 to G 2 to K 3 to K 5 to SC 6 to FIL 7 to FIL 8 to P	X4	AMPL	
1644, Section No. 2.	12.6	58	15	1 to K 2 to K 3 to G 4 to P 5 to SC 6 to FIL 7 to FIL	X4	AMPL	
5633/SN972	6.3	44	23	1 to K 2 to K 3 to G 4 to FIL 5 to SC 6 to FIL Top lead of tube to P.	X5 or X6 if short leads.	AMPL	Green arrow on side of tube indicates No. 1 lead.
5634/SD828E	6.3	54	25	1 to K 2 to K 3 to G 4 to FIL 5 to SC 6 to FIL Top lead of tube to P.	X5 or X6 if short leads.	AMPL	Green arrow on side of tube indicates No. 1 lead.
5635/SN-955B, Section No. 1.	6.3	53	25	1 to G 3 to FIL 6 to FIL 7 to P 8 to K	X5 or X6 if short leads.	AMPL	
5635/SN-955B, Section No. 2.	6.3	53	25	2 to G 3 to FIL 5 to P 6 to FIL 8 to K	X5 or X6 if short leads.	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
5636/SN-1007B	6.3	20	50	1 to G 2 to K 3 to FIL 4 to K 5 to P 6 to FIL 7 to SC	X5 or X6 if short leads.	AMPL	Depress AMPL TEST button only momentarily.
5637/SD-917A	6.3	15	24	1 to P 2 to G 3 to FIL 4 to FIL 5 to K	X5 or X6 if short leads.	AMPL	Green arrow indicates No. 1 lead.
5638/SD-828A	6.3	38	24	1 to P 2 to K 3 to G 4 to FIL 5 to SC 6 to FIL	X5 or X6 if short leads.	AMPL	Green arrow indicates No. 1 lead.
5640/SN-947D	6.3	72	40	1 to G 2 to K 3 to FIL 5 to P 6 to FIL 7 to SC	X5 or X6 if short leads.	AMPL	
5641/SN-954B	6.3	40	0	2 to P 3 to FIL 5 to K 6 to FIL	X5 or X6 if short leads.	RECTIFIER STD.	See note D.
5643	6.3	40	80	1 to P 2 to SC 3 to FIL 4 to K 5 to K 6 to FIL 7 to G	X5 or X6 if short leads.	RECTIFIER STD.	Shorts on 2 and 3. Tube strikes at approximately 31 on R when this control is rotated counterclockwise.
5645/SN-957A	6.3	15	33	1 to P 2 to K 3 to FIL 4 to G 5 to FIL	X5 or X6 if short leads.	AMPL	Green arrow indicates No. 1 lead.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
5646/SN-1006	6.3	0	24	1 to P 2 to K 3 to FIL 4 to G 5 to FIL	X5 or X6 if short leads.	AMPL	Depress AMPL TEST button only momentarily. Green arrow indicates No. 1 lead.
5647/SN-946B	6.3	40	0	1 to P 2 to FIL 3 to FIL 4 to K	X5 or X7 if short leads.	RECTIFIER STD.	Lead No. 1 on tube is blue. Lead No. 4 on tube is yellow. See note D.
5651	OFF	50	0	1 to P 2 to K 5 to P 7 to K	X8	GAS No. 1.	OK. over 800. Depress GAS No. 1 button until reading has stabilized. See note D.
5654/6AK5W	6.3	53	23	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	
5656, Section No. 1.	6.3	72	17	1 to SC 2 to G 4 to FIL 5 to FIL 6 to K 8 to P	X9	AMPL	
5656, Section No. 2.	6.3	72	17	1 to SC 3 to G 4 to FIL 5 to FIL 6 to K 7 to P	X9	AMPL	
5670, Section No. 1.	6.3	64	22	1 to FIL 2 to K 3 to G 4 to P 9 to FIL	X9	AMPL	
5670, Section No. 2.	6.3	64	22	1 to FIL 6 to P 7 to G 8 to K 9 to FIL	X9	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
5672	1.1	0	48	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5	AMPL	OK. over 600. Depress push button only momentarily.
5676/ CK556AX	1.1	36	33	1 to P 2 to FIL 3 to G 4 to FIL	X5 or X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800. Red dot on tube indicates No. 1 lead.
5677/ CK568AX	1.1	10	32	1 to P 2 to FIL 3 to G 4 to FIL	X5 or X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No. 1 lead.
5678/ CK569AX	1.1	10	25	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5 or X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No. 1 lead.
5687, Section No. 1.	12.6	70	30	4 to FIL 5 to FIL 6 to K 7 to G 9 to P	X9	AMPL	
5687, Section No. 2.	12.6	70	30	1 to P 2 to G 3 to K 4 to FIL 5 to FIL	X9	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
5696	6.3	40	80	1 to G 2 to K 3 to FIL 4 to FIL 5 to SC 6 to P	X8	RECTIFIER STD.	Tube strikes at approximately 25 on R when this control is rotated counterclockwise. See note D.
5702	6.3	56	22	1 to P 2 to SC 3 to FIL 4 to FIL 5 to K 6 to K 7 to G	X5 or X7 if short leads.	AMPL	See note D.
5703/CK608CX	6.3	73	15	1 to P 3 to FIL 4 to FIL 5 to G 6 to K	X5 or X7 if short leads.	AMPL	Red dot on tube indicates lead No. 1.
5704/CK606BX	6.3	40	0	1 to P 2 to FIL 3 to FIL 4 to K	X5 or X7 if short leads.	RECTIFIER STD.	Red dot on tube indicates lead No. 1. See note D.
5744/CK619CX	6.3	40	22	1 to P 2 to FIL 3 to FIL 4 to G 5 to K	X5 or X6 if short leads.	AMPL	Red dot on tube indicates lead No. 1.
5751, Section No. 1.	12.6	0	19	4 to FIL 5 to FIL 6 to P 7 to G 8 to K	X9	AMPL	
5751, Section No. 2.	12.6	0	19	1 to P 2 to G 3 to K 4 to FIL 5 to FIL	X9	AMPL	
5783	OFF	50	0	1 to K 2 to P 3 to K	X5 or X7 if short leads.	GAS No. 1	OK. over 800. Depress Gas No. 1 button until tube has stabilized. See note D. Red dot on tube indicates No. 1 lead.

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
5787	OFF	40	0	1 to K 3 to P 5 to K	X5 or X7 if short leads.	GAS No. 1	Pins No. 2 and 4 may be missing from tube. Red dot indicates lead No. 1. See note D.
CK5829, Section No. 1.	6.3	60	0	1 to P 2 to K 3 to FIL 5 to FIL	X5 or X7 if short leads.	DIODE	Red dot indicates lead No. 1.
CK5829, Section No. 2.	6.3	60	0	3 to FIL 5 to FIL 6 to P 7 to K	X5 or X7 if short leads.	DIODE	Red dot indicates lead No. 1.
5854	1.1	17	30	1 to P 2 to SC 3 to FIL 4 to G 5 to FIL	X5 or X7 if short leads.	AMPL	Depress AMPL TEST button only momentarily. Red dot on tube indicates lead No. 1.
5896, Diode No. 1.	6.3	50	0	3 to FIL 5 to P 6 to FIL 7 to K	X5	DIODE	
5896, Diode No. 2.	6.3	50	0	1 to P 2 to K 3 to FIL 6 to FIL	X5	DIODE	
5903, Diode No. 1.	6.3	50	0	3 to FIL 5 to P 6 to FIL 7 to K	X5	DIODE	
5903, Diode No. 2.	25.0	50	0	1 to P 2 to K 3 to FIL 6 to FIL	X5	DIODE	
9001	6.3	44	17	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	

TABLE III. TUBE TEST DATA FOR TUBE SOCKET ADAPTER KIT MX-949/U—Continued

Tube type	*Fil (v)*	*Pot.*		*Patch cord connection Plug—Receptacle*	*Socket No.*	*Press*	*Notations*
		L	*R*				
9002	6.3	63	18	1 to P 2 to K 3 to FIL 4 to FIL 5 to P 6 to G 7 to K	X8	AMPL	
9003	6.3	54	14	1 to G 2 to K 3 to FIL 4 to FIL 5 to P 6 to SC 7 to K	X8	AMPL	

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