

OPERATION OF THE HEATHKIT G_m TUBE TESTER MODEL TT-1

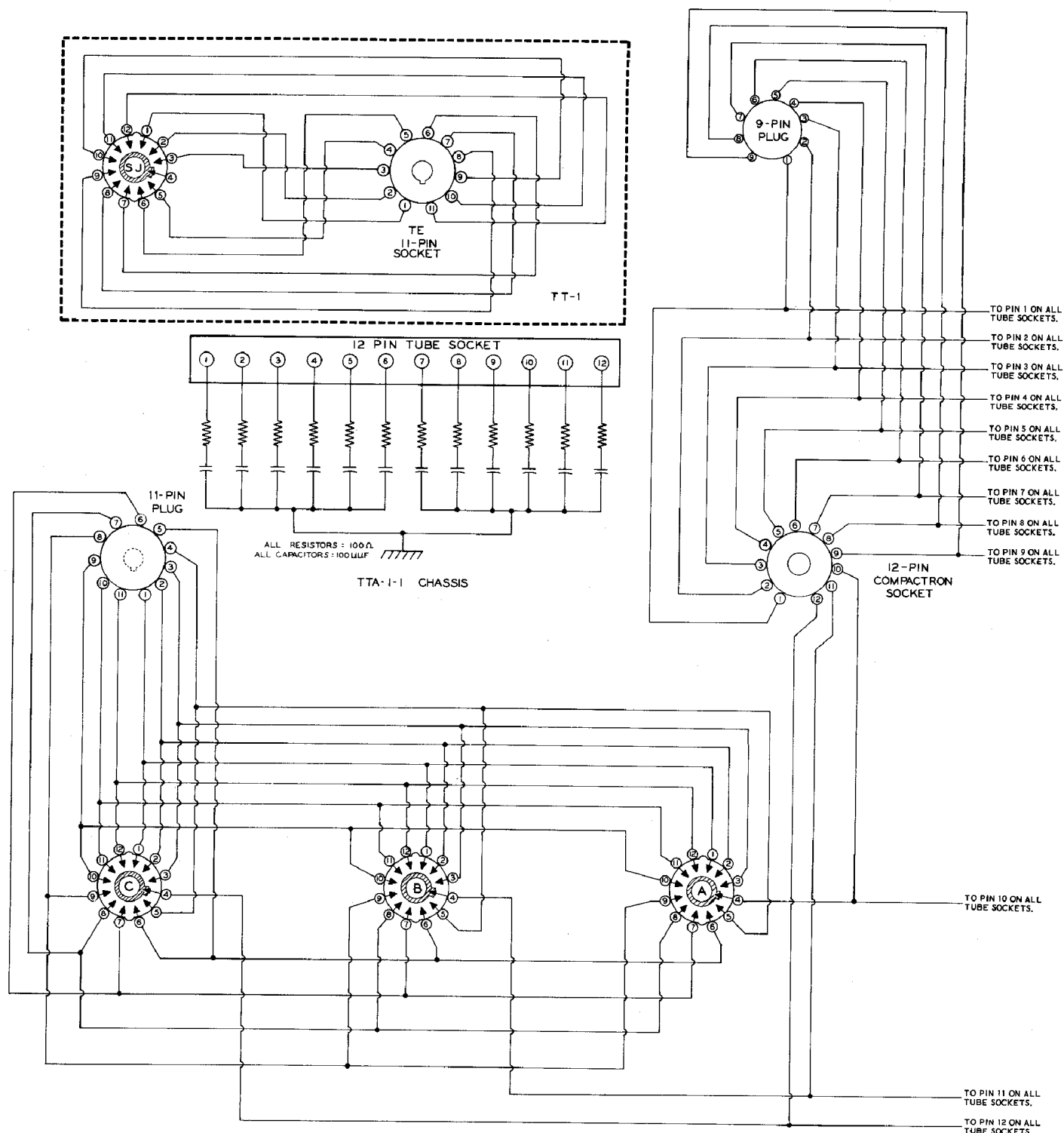


SPECIFICATIONS

Power Requirements:	Voltage: 105-125, 60 cycle AC Watts: 10-60 (dependent upon tube under test).																		
Plate Supply (Silicon Rectifiers):.	DC volts: 26, 90, 135, 225, variable 80 to 200. AC volts: 20, 45, 177. (Separate DC supply for space charge grids.)																		
Bias Supply (Silicon Rectifier):.	Low Range: 0 to negative 5 volts DC. High Range: 0 to negative 20 volts DC.																		
Signal Voltages:.	2, 1, .5, .25 volts AC, 5000 cycles.																		
Filament Supply:.	Voltages: <table><tr><td>.65</td><td>5</td><td>27.5</td></tr><tr><td>1.1</td><td>6.3</td><td>35</td></tr><tr><td>1.5</td><td>7.5</td><td>47</td></tr><tr><td>2</td><td>10</td><td>70</td></tr><tr><td>2.5</td><td>13</td><td>115</td></tr><tr><td>3.3</td><td>20</td><td></td></tr></table>	.65	5	27.5	1.1	6.3	35	1.5	7.5	47	2	10	70	2.5	13	115	3.3	20	
.65	5	27.5																	
1.1	6.3	35																	
1.5	7.5	47																	
2	10	70																	
2.5	13	115																	
3.3	20																		

Currents: 300, 450, 600 ma.

NOTE: Filament voltage is reduced 10% during life test.



SCHEMATIC OF THE HEATHKIT
TUBE SOCKET ADAPTER
MODEL TT-1A

SUPPLEMENT TEST DATA SHEET

FOR USE WITH HEATHKIT TT-1 – TT-1A TUBE TESTERS

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
O1A	D	22H	5	42	2	73560-0000-000	520	F.
OA2	G	---	47	---	VR	PK013-0000-000	---	Firing lim. 150 to 185V; 4V Reg, fil. 47 to 115V; K1, P1 & K2, P2.
OA3	G	---	5	---	VR	01003-0000-000	---	Firing lim. 75 to 105V; 40V Reg, fil. 5 to 70V.
OA4	E	---	---	30	R	01003-0300-000	---	No leak check.
OB2	G	---	20	---	VR	PK013-0000-000	---	Firing lim. 105 to 133V; 2V Reg, fil. 20 to 70V; K1, P1 & K2, P2.
OB3	G	---	13	---	VR	01003-0000-000	---	Firing lim. 90 to 125V; 6V Reg, fil. 13 to 70V.
OC2	G	---	1.1	---	VR	PK013-000-000	---	Firing lim. 95 to 115V; 3V Reg, fil. 1.1 to 35V; K1, P1 & K2, P2.
OC3	G	---	20	---	VR	01003-0000-000	---	Firing lim. 105 to 133V; 2V Reg, fil. 20 to 115V.
OD3	G	---	47	---	VR	-1003-0000-000	---	Firing lim. 150 to 185V; 4V Reg, fil. 47 to 115V.
OG3	G	---	13	---	VR	31313-0100-000	---	Firing lim. 83 to 125V; 20V Reg, fil. 13 to 27.5V.
OY4	E	---	---	2	R	00303-0110-000	---	No leak check.
OZ4	E	---	115	7	R	0030P-0060-000	---	F; P1 & P2.
1A3	B	---	1.5	25	D	7P100-3600-000	---	P1 & P2.
1A4	C	30L	2	39	1	63470-0000-000	490	Grid cap; F.
1A5	C	40L	1.5	43	2	06345-0700-000	550	F.
1A6	C	30L	2	36	1	73454-6000-000	350	Grid cap; F; Whole tube.
1A7G	C	10L	1.5	24	1	07345-4600-000	490	Grid cap; F; Whole tube
	C	0	1.5	42	1	07045-3600-000	490	Cap off; F; Osc.
1AB5	D	17L	1.1	29	1	63400-5700-000	880	F.
1AB6	C	5L	1.5	35	2	63454-5700-000	360	F; Whole tube.
1AE4	C	0	1.5	42	2	73450-5600-000	1000	F.
1AF4	C	0	1.5	44	2	73450-5600-000	680	F.
1AF5	C	0	1.5	45	2	70043-5600-000	390	F.
1AU2	E	---	1.1	50	D	P0076-0003-000	---	F; P1 & P2
1AX2	E	---	1.5	48	D	70006-0000-000	---	Plate cap; F
1B4	C	30L	2	40	2	63470-0000-000	420	F.
1B5/25S	D	30L	2	46	2	73005-6000-000	370	F.
	A	---	2	45	D	703P0-6000-000	---	F; P1 & P2.
1B7	C	10L	1.5	42	2	07345-4600-000	1000	Grid cap; F; Whole tube.
1BG2	E	---	1.5	42	D	76000-0000-000	---	Di; insert 2 base leads into pins 1 & 2 of 9 pin min. socket. Use plate cap on single lead.
1BQ2	E	---	1.5	45	D	70000-0060-000	---	Plate cap; F.
1C3	C	30L	1.5	44	2	73050-P600-000	490	F; P1 & P2.
1C5	C	18H	1.5	19	1	06345-0700-000	1000	F.
1C6	C	20L	2	37	1	73454-6000-000	750	F; Whole tube.
1C7	C	10L	2	38	1	07345-4600-000	750	Grid cap; F; Whole tube.
1C21	E	---	---	34	R	01003-0300-000	---	No leak check.
1D5	C	31L	2	25	1	26340-0700-000	490	Grid cap; F.
1D7	C	15H	2	39	1	07345-4600-000	650	Grid cap; F; Whole tube.
1D8	C	0	1.5	45	2	06000-3700-000	370	Grid cap; F; Tr.
1DN5	C	19L	1.5	31	1	73400-5600-000	400	Pe; X1.
	C	23H	1.5	20	1	06345-0700-000	600	F; Pe.
	A	---	1.5	47	D	06000-0730-000	---	F.
1E4	C	31L	1.5	38	2	06305-0700-000	490	F.
1E5	D	31L	2	40	2	06340-0700-000	420	Grid cap; F.
1E7	D	45L	2	42	4	06355-3740-000	930	F; X2.
1F4	D	15H	2	42	2	63547-0000-000	1100	F.
1F5	D	45L	2	42	2	06345-0700-000	1100	F.
1F6	C	20L	2	43	2	63400-7000-000	420	F.
	A	---	2	48	D	6003P-7000-000	---	F; P1 & P2.
1F7	C	20L	2	43	2	06300-4700-000	420	F.
	A	---	2	48	D	0603P-0700-000	---	F; P1 & P2.
1G4	C	15H	1.5	42	2	07305-0600-000	540	F.
1G5	D	34H	2	42	2	06345-0700-000	1000	F.
1G6	C	0	1.5	44	2	0735G-P600-000	540	F; P1, G1 & P2, G2.
1H2	E	---	1.5	40	D	00076-0000-000	---	Plate cap; F.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
1H4	D	30L	2	39	2	07305-0600-000	580	F.
1H5	C	0	1.5	43	1	07300-0600-000	180	Grid cap; F.
	A	---	1.5	48	D	07003-0600-000	---	F.
1H6	D	30L	2	35	1	07300-5600-000	370	F.
	A	---	2	48	D	0703P-0600-000	---	F; P1 & P2.
1J5	D	41H	2	43	2	06345-0700-000	620	F.
1J6	D	0	2	43	2	0735G-P600-000	850	F; P1, G1 & P2, G2.
1L4	C	0	1.5	40	2	73400-5600-000	670	F.
1L6	C	10L	1.5	23	2	73454-5600-000	360	F; Whole tube.
1LA4	C	0	1.5	36	2	63400-5070-000	550	F.
1LA6	C	10L	1.5	37	2	73454-5050-000	390	F; Whole tube.
1LB4	C	21H	1.5	42	2	63400-5070-000	600	F.
1LC5	C	3L	1.5	38	2	63421-5070-000	500	F.
1LC6	C	10L	1.5	32	2	73454-5060-000	360	F; Whole tube.
1LD5	C	0	1.5	43	2	63400-5070-000	370	F.
	A	---	1.5	47	D	60030-0070-000	---	F.
1LE3	C	0	1.5	43	2	73000-5060-000	840	F.
1LF3	C	0	1.5	43	2	73000-5060-000	840	F.
1LG5	C	0	1.5	38	2	73420-5060-000	530	F; X1/2.
1LH4	D	0	1.5	48	1	73000-5060-000	360	F.
	A	---	1.5	48	D	70030-0060-000	---	F.
1LN5	C	0	1.5	43	2	63427-50K0-000	520	F; K1 & K2.
1N2	E	---	1.1	43	D	07000-0600-000	---	Plate cap; F.
1N5	C	0	1.5	44	2	06340-0700-000	490	Grid cap; F.
1N6	C	43L	1.5	43	2	26345-0700-000	520	F.
	A	---	1.5	48	D	06000-3700-000	---	F.
1P5	C	0	1.5	41	2	26340-0700-000	500	Grid cap; F.
1Q5	C	45L	1.5	41	2	06345-0700-000	1450	F.
1R4	A	---	1.5	45	D	70030-0160-000	---	---
1R5	C	0	1.5	48	2	7345K-5600-000	910	F; K1 & K2; Whole tube.
1S2	E	---	1.5	39	D	00076-0000-000	---	Plate cap; F.
1S4	C	18H	1.5	36	2	73540-P600-000	1030	F; P1 & P2.
1S5	C	0	1.5	41	2	70043-5600-000	410	F.
	A	---	1.5	48	D	70300-0600-000	---	F.
1SA6	C	0	1.5	40	2	06250-4730-000	630	F.
1SB6	C	0	1.5	41	2	06340-0750-000	440	F.
	A	---	1.5	48	D	06003-0700-000	---	F.
1T4	C	0	1.5	40	2	7340K-5600-000	580	F; K1 & K2.
1T5	C	15H	1.5	41	2	06345-0700-000	750	F.
1U4	C	0	1.5	43	2	7340K-5600-000	580	F; K1 & K2.
1U5	C	0	1.5	41	2	73400-5600-000	410	F.
	A	---	1.5	48	D	70030-0600-000	---	F.
1U6	C	0	1.5	36	2	73454-5600-000	390	F; Whole tube.
1-V	E	---	6.3	22	R	73160-0000-000	---	---
1W4	C	23H	1.5	43	2	73400-5600-000	600	F.
1X2	E	---	1.1	38	D	00076-0000-000	---	Plate cap; F.
1Y2	E	---	1.5	46	R	70060-0000-000	---	Plate cap; F.
1Z2	E	---	1.5	46	R	60000-0700-000	---	Plate cap; F.
2A3	F	48H	2.5	45	4	73560-0000-000	1140	F; X3.
2A4	E	H	2.5	26	R	07305-0600-000	---	Thyra; Fire 30-5 bias.
2A5	F	49H	2.5	35	2	73451-6000-000	810	X2.
2A6	F	19L	2.5	38	1	73001-6000-000	720	Grid cap.
	A	---	2.5	49	D	703P1-6000-000	---	P1 & P2.
2A7	C	27L	2.5	30	1	73445-1600-000	750	Grid cap; Whole tube.
2AF4	C	23L	600	44	8	35761-GP00-000	1070	P1, G1 & P2, G2; X4.
2AZ2	E	---	2	40	D	70006-0000-000	---	F; plate cap.
2B3	E	---	1.5	37	D	07000-0600-000	---	Plate cap; F.
2B7	D	30L	2.5	44	2	73400-1600-000	730	Grid cap.
	A	---	2.5	46	D	7003P-1600-000	---	P1 & P2.
2BA2	E	---	300	35	D	P0076-0003-000	---	F; P1 & P2.
2BN4	D	18L	600	35	4	15763-KG00-000	1130	X4; G1, K1 & G2, K2.
2C21	F	41H	6.3	38	1	713GP-K600-000	890	Grid cap; P1, G1, K1 & P2, G2, K2.
2C22	F	26H	6.3	45	2	07000-0610-000	980	Plate cap front; Grid cap rear; X2.
2C26	F	36H	6.3	44	1	07000-0610-000	810	Plate cap right; Grid cap left.
2C51	D	20L	6.3	34	4	7KGP0-3516-000	870	K1, P1, G1 & K2, P2, G2; X4.
2CY5	C	15L	600	34	4	51763-4K00-000	1300	Tet; K1 & K2; X4.
2D21	E	H	6.3	25	R	51762-3000-000	---	Thyra; Fire 10-0 bias.
2E5	E	H	2.5	---	E	75531-6000-000	---	Bias must vary shadow.
2E24	D	35H	6.3	36	2	07405-0620-000	1050	X2; Plate cap; F.
2E26	D	41H	6.3	44	2	174K5-0600-000	1140	Plate cap; K1 & K2; X2.
2E30	D	30H	6.3	15	1	52763-4000-000	1200	F; X2.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
2EN5	A	---	450	39	D	OP761-0300-000	---	P1 & P2.
2EV5	D	10L	600	20	4	5K763-4100-000	1300	K1 & K2.
2FS5	D	3L	600	40	B	5K763-4100-000	1300	Pe; K1 & K2; X5.
2GK5	D	24L	600	44	2	K5673-0100-000	975	Tr; K1 & K2; X10.
2GW5	D	10L	600	32	B	3G761-5000-000	1390	Tr; G1 & G2; X7.
2HA5	D	BL	600	34	B	5K763-0100-000	1350	Tr; K1 & K2; X7.
2HK5	D	10L	600	37	B	5K763-0100-000	1270	Tr; K1 & K2; X8.
2HM5	D	10L	600	37	8	5K763-0100-000	1350	Tr; K1 & K2; X7.
2HQ5	D	10L	600	35	8	5K763-0100-000	1200	Tr; K1 & K2; X8.
2T4	C	2BL	600	44	B	PG761-5300-000	1150	P1, G1 & P2, G2; X4.
2V2	E	---	2.5	48	D	07345-0610-000	---	Plate cap; F.
2V3	E	---	2.5	42	R	-7000-0600-000	---	Plate cap; F.
2W3	E	---	2.5	27	R	07030-0060-000	---	F.
2X2	E	---	2.5	44	R	60070-0000-000	---	Plate cap; F.
3A2	E	---	3.3	45	R	60000-0070-000	---	Plate cap; F.
3A4	C	21H	1.5	41	2	63457-P600-000	1250	F; P1 & P2.
3A5	C	28L	1.5	44	2	7356G-P700-000	1180	F; P1, G1 & P2, G2.
3A8	C	0	1.5	43	2	76340-0600-000	490	Grid cap; F; Pe.
	D	0	1.5	47	1	76005-3600-000	360	F; Tr; X1/2.
	A	---	1.5	41	D	76000-0630-000	---	F.
3AF4	C	23L	450	44	8	PG761-5300-000	1070	P1, G1 & P2, G2; X4.
3AL5	A	---	600	36	D	K3761-2P00-000	---	P1, K1 & P2, K2.
3AU6	C	10L	600	42	4	52763-4100-000	1250	X2.
3AV6	F	19L	600	37	1	51760-0300-000	1040	Tr.
3B4	C	22H	1.1	43	2	47566-0300-000	1100	F.
3B5	C	19H	1.5	36	2	06345-0670-000	1080	F.
3B7	D	0	1.5	42	2	63570-GP60-000	1230	F; P1, G1 & P2, G2.
3B24	E	---	2.5	40	R	60070-0000-000	---	Plate cap; F.
3B2B	E	---	5	20	R	70060-0000-000	---	F; Special plate cap.
3B29	E	---	2.5	34	R	60070-0000-000	---	Plate cap; F.
3BC5	D	10L	600	32	4	51763-4K00-000	1230	K1 & K2; X3.
3BE6	C	11L	600	42	4	51763-4500-000	1200	Whole tube; X3.
3BN4	D	1BL	450	35	4	KG763-1500-000	1130	K1, G1 & K2, G2; X4.
3BU8	C	0L	600	48	2	14P76-2532-000	970	P1 & P2; X1.
3BY6	C	42L	600	37	1	51673-4100-000	1240	First grid.
3BZ6	D	13L	600	2B	4	51763-4200-000	1300	Pe; X4.
3C2	E	---	3.3	42	R	07000-0600-000	---	Plate cap; F.
3C4	C	13H	2.5	43	2	63400-5700-000	900	F.
3C5	C	23H	1.5	41	2	06345-0670-000	1010	F.
3C6	C	20L	1.5	27	1	6035G-P760-000	B50	F; P1, G1 & P2, G2.
3CE5	D	14L	600	33	4	51763-4K00-000	1230	Pe; K1 & K2; X4.
3CF6	D	24L	600	37	4	51763-4200-000	1000	X4.
3CS6	C	10L	600	2B	2	51763-4200-000	710	
3CY3	E	---	3.3	44	D	07000-0600-000	---	Plate cap; F.
3CY5	C	15L	450	34	4	51763-4K00-000	1300	K1 & K2; X4.
3D6	C	45L	1.5	42	4	63400-5760-000	7B0	F; X2.
3D21B	D	21H	6.3	39	4	76050-56100-000	1200	Pe; X3.
3DT6	C	13L	600	46	4	51763-4200-000	520	Pe; X1
3DZ4	C	25L	450	35	4	PG761-5300-000	1090	P1, G1 & P2, G2; X4..
3E5	C	1BH	1.5	41	2	63407-5600-000	9B0	F.
3E6	C	0	1.5	40	2	63427-5060-000	1300	F.
3EH7	D	30L	600	40	B	K5176-0342-000	1350	Pe; K1 & K2; X6.
3EJ7	F	34L	600	32	B	K5176-2342-000	1220	Pe; K1 & K2; X8.
3EV5	D	10L	300	20	4	5K763-4100-000	1300	K1 & K2.
3GSB	D	17L	600	42	1	14376-2500-000	1250	Pe #2.
	D	17L	600	42	1	14076-0532-000	1250	Pe #1.
3HA5	D	BL	450	34	B	5K763-0100-000	1350	Tr; K1 & K2; X7.
3HM6	D	10L	600	27	B	K5176-0342-000	1220	Pe; K1 & K2; X8
3JC6	D	14L	600	35	8	K5176-0342-000	1220	Pe; K1 & K2; X8
3KFB	C	0L	600	44	1	14P76-2532-000	950	Pe#1 & #2; P1 & P2.
3LE4	C	23H	1.5	41	2	63400-5760-000	1100	F.
3LF4	C	45L	1.5	41	2	63400-5760-000	1300	F.
3M-P26	C	25H	600	37	2	51763-4000-000	1300	Pe.
3Q4	C	42L	1.5	42	2	6P547-3600-000	1400	F; P1 & P2.
3Q5	C	45L	1.5	43	4	06345-0670-000	670	F; X2.
3S4	C	22H	1.5	20	1	63547-P600-000	1030	F; P1 & P 2.
3V4	C	45L	1.5	41	2	63407-5600-000	1400	F
4A6	C	15L	2	44	2	0635G-P670-000	590	F; P1, G1 & P2, G2.
4BA6	C	10L	450	33	4	52763-4100-000	1390	Pe; X2;
4BC5	D	10L	450	32	4	51763-4K00-000	1230	K1 & K2; X3.
4BE6	C	BL	450	41	4	51763-3000-000	1570	Whole tube; X3.
4BLB	C	14L	600	45	B	30076-0015-000	B10	Tr; X4.
	D	12L	600	42	B	05476-3100-000	1000	Pe; X4.
4BUB	C	7L	450	42	1	14P76-2532-000	975	P1 & P2; X1.
4BZ7	D	20L	600	47	B	PGK76-3510-000	1300	K1, P1, G1 & K2, P2, G2; X3.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
4BZB	D	14L	600	44	8	PGK76-3511-000	1300	K1,P1, G1.& K2, P2, G2; X4.
4CE5	D	10L	450	42	8	52763-4K00-000	1140	Pe; K1& K2; X5.
4CM4	D	15L	300	35	8	PGK76-5103-000	1100	Tr; K1, P1, G1 & K2, P2, G2.
4CY5	C	15L	300	34	4	51763-4K00-000	1300	K1 & K2; X4.
4DL4	D	10L	300	34	8	G1076-0530-000	1300	Tr; G1 & G2.
4DT6	C	13L	450	46	4	5176 3-4200-000	520	Pe; X1.
4GJ7	D	12L	600	35	B	K5176-3400-000	1230	Pe; K1 & K2.
	C	30L	600	36	4	10076-0035-000	1230	Tr; X4.
4GSB	D	17L	450	42	1	14376-2500-000	1250	Pe #2.
	D	17L	450	42	1	14076-0532-000	1250	Pe #1.
4GW5	D	10L	300	32	8	3G761-5000-000	1390	Tr; G1 & G2; X7.
4GZ5	F	12H	600	39	8	1G765-4300-000	1090	Pe; G1 & G2; X5.
4HA5	D	8L	300	34	8	5K763-0100-000	1350	Tr; K1 & K2; X7.
4HK5	D	10L	300	37	8	5K763-0100-000	1270	Tr; K1 & K2; X8.
4HM5	D	10L	300	37	8	5K763-0100-000	1350	Tr; K1 & K2; X7.
4JK6	D	10L	600	26	8	51763-4200-000	1300	Pe; X9
4JL6	C	18L	600	26	8	51763-4200-000	1000	Pe; X10
4K6	F	45T	600	44	2	07345-0610-000	1360	
4KF8	C	0 L	450	44	1	14P76-2532-000	950	Pe#1 & #2; P1 & P2;
4KN8	C	10L	600	10	4	35176-PGK0-000	1200	Tr.#1-#2;K1, P1, G1, &K2, P2, G2.
4M-P12	D	0L	600	33	4	51763-4000-000	1100	Pe; X3.
4M-P26	C	25H	450	37	2	51763-4000-000	1300	Pe.
4R-HH2	C	10L	600	37	4	35176-PGK0-000	1170	Tr#1 & 2; K1, P1, G1 &K2, P2, G2
4R-HH8	C	10L	600	10	4	35176-PGK0-000	1200	Tr#1 & #2; K1, P1, G1 &K2, P2, G2.
5A6	D	29H	2.5	42	8	30266-4507-000	930	F; X3.
5AM8	F	17L	600	37	8	15476-3002-000	1140	X4.
	A	--	600	36	D	00076-0130-000	--	
5AN8	C	9L	600	36	4	00076-3451-000	1130	Pe; X3.
	C	11L	600	38	4	35176-0000-000	1380	Tr; X4.
5AS4	B	--	5	25	R	06030-P070-000	--	P1 & P2.
5AVB	C	9L	600	38	4	00076-5143-000	1130	Pe; X3.
	C	11L	600	38	4	15376-0000-000	1380	Tr; X4.
5AW4	E	--	5	23	R	07030-P060-000	--	F; P1 & P2.
5AX4/5AZ4	E	--	5	26	R	07030-P060-000	--	F; P1 & P2.
5BC3	E	--	5	25	R	7660P-30P3-000	--	F1; P1 & P2.
5BE8	D	9L	600	33	4	53176-0000-000	1380	Tr; X4.
	D	15L	600	38	4	11176-3416-000	1125	Pe; X3.
5BK7	D	10L	600	43	8	PGK76-3510-000	1380	K1, P1, G1 & K2, P2, G2; X4.
5BS8	D	17L	450	44	B	PGK76-3510-000	1170	K1, P1, G1 & K2, P2, G2; X4.
5BT8	D	17L	600	37	4	00076-3451-000	1340	X3;
	A	-	600	42	D	3P176-0000-000	-	P1 & P2.
5BZ7	D	19L	450	41	4	PGK76-3510-000	1430	K1, P1, G1 & K2, P2, G2; X3.
5CL8	D	10L	600	30	4	00076-3415-000	1040	Tet; X4.
	D	11L	600	27	4	53176-0000-000	1170	Tr; X5.
5CMB	F	20L	600	37	1	30076-0015-000	1300	Tr.
5DH8	F	13L	600	37	4	53176-1111-000	1430	Tr; X2.
	D	0L	600	39	6	11176-3415-000	1120	Pe; X5.
5HC7	D	15L	450	28	2	7PK10-0305-0G6	1150	Tr#1; K1, P1, G1.
	D	15L	450	45	1	7PK10-0305-0G6	1230	Tr#2; K2, P2, G2.
5HG8	C	20L	450	37	4	00176-5300-000	1190	Tr; X3.
	D	10K	450	28	8	15076-0034-000	1300	Pe; X6
5J6	C	17L	600	34	2	P3765-G100-000	1150	P1, G1 & P2, G2;X3.
5M-HH3	C	10L	600	39	4	3P76G-5100-000	1007	Tr#1 & 2; P1,G1, & P2, G2.
5MK9	E	--	600	25	R	00763-0000-000	--	
5R4	E	--	5	23	R	07030-P060-000	--	F; P1 & P2.
5R-K16	B	-	5	19	R	P0076-0030-000	-	F; P1 & P2.
5T4	E	-	5	25	R	07030-P060-000	-	F; P1 & P2.
5V3	E	-	5	25	R	070P0-3060-000	-	F; P1 & P2.
5V4	E	-	5	24	R	060P0-3070-000	-	F; P1 & P2.
5V6	F	30H	600	44	4	27345-0610-000	1220	X2.
5W4	E	-	5	27	R	07030-P060-000	-	F; P1 & P2.
5X3	E	--	5	24	R	7P360-0000-000	-	F; P1 & P2.
5X4	E	-	5	24	R	0030P-0760-000	-	F; P1 & P2.
5Y3	E	-	5	25	R	07030-P060-000	-	F; P1 & P2.
5Y4	E	-	5	25	R	0030P-0760-000	-	F; P1 & P2.
5Z3	E	-	5	27	R	7P360-0000-000	-	F; P1 & P2.
5Z4	E	-	5	25	R	06030-P070-000	-	F; P1 & P2.
6A3	D	49H	6.3	31	1	73560-0000-000	1950	F; X2.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
6A4	D	30H	6.3	33	1	73546-0000-000	1430	F.
6A5	D	49H	6.3	31	1	27305-0600-000	1700	F; X2.
6A6	F	15H	6.3	41	1	7351G-P600-000	1040	P1, G1 & P2, G2; X2.
6A7	C	27L	6.3	30	1	73445-1600-000	750	Grid cap; Whole tube.
6A8	C	20L	6.3	32	1	27345-4610-000	750	Grid cap; Whole tube.
6AB4	F	21L	6.3	38	4	30760-5100-000	1190	X3.
6AB5	E	H	6.3	-	E	75531-6000-000	-	Bias must vary shadow.
6AB7	D	16L	6.3	33	4	17251-4630-000	1090	X3.
6AC5	F	0	6.3	44	4	27305-0610-000	1140	X2.
6AC7	D	16L	6.3	36	8	17251-4630-000	1150	X5.
6AC9	C	10L	6.3	43	8	70000-0215-436	1130	Pe; X5.
	A	--	6.3	40	D	70310-0000-006	--	Di #1.
	A	--	6.3	40	D	73100-0000-006	--	Di #2.
6AD5	F	19L	6.3	42	1	07305-0610-000	1050	
6AD6	D	H	6.3	-	E	07553-0610-000	-	Bias must vary shadow.
6AD7	F	40H	6.3	46	4	07345-0610-000	810	Pe; X2.
	F	37H	6.3	48	1	57000-3610-000	640	Tr; X1/3.
6AD8	C	20L	6.3	35	1	45176-3002-000	710	Pe.
	B	-	6.3	27	D	00176-0P30-000	-	P1 & P2.
6AE5	C	38H	6.3	42	1	27305-0610-000	780	
6AE6	F	15L	6.3	44	2	073P5-0610-000	650	P1 & P2.
6AF5	D	38H	6.3	46	1	07305-0610-000	980	
6AF6	E	H	6.3	-	E	07553-0610-000	-	Bias must vary dual shadow.
6AG5	D	12L	6.3	45	8	51763-4K00-000	1090	K1 & K2; X3.
6AH4	F	49H	6.3	44	4	57003-0610-000	970	X3.
6AH5	F	35H	6.3	40	4	27345-0610-000	1300	X3.
6A-H	D	13L	6.3	42	2	513KG-P760-000	1240	P1, G1, K1 & P2, G2, K2.
6AJ4	D	11L	6.3	36	8	51003-G760-000	1300	G1 & G2; X5.
6AJ5	C	18L	6.3	41	8	51763-4K00-000	B10	K1 & K2; X2.
6AJ7	D	16L	6.3	35	8	17251-4620-000	1150	X5.
6AJ8	D	15L	6.3	46	4	00176-0035-000	1150	X5.
6AJ9 *	C	10L	450	35	4	10007-6003-000	1100	Decal;*Grid cap. Tr.
	D	14L	450	21	8	01527-6340-000	1050	Decal;*Pe; X7.
6AK6	D	14H	6.3	44	2	52763-4100-000	1500	Pe
6AK7	D	30L	6.3	36	8	271G1-4630-000	1190	G1 & G1; X6.
6AK8	F	25L	6.3	32	1	00076-0153-000	910	Tr; X1.
	A	-	6.3	45	D	00076-3100-000	-	Di.#1.
	A	-	6.3	38	D	P3176-0K00-000	-	Di.#2 & #3; P1, K1 & P2, K2.
6AL3	E	-	6.3	20	R	10076-0003-000	-	Connect aux. lead from pin #1 of octal socket to cathode cap.
6AL6	F	35H	6.3	41	4	07045-0610-000	1300	Plate cap; X3.
6AI7	E	-	6.3	-	E	57355-5610-000	-	Bias must vary shadow.
6AL9	D	29L	6.3	39	4	73020-0001-456	1250	Pe; X4.
	D	10L	6.3	34	4	70005-1300-006	1150	Tr; X6.
6AM4	F	13L	6.3	32	4	51003-G760-000	1275	G1 & G2; X5.
6AM6	F	18L	6.3	44	1	51763-2400-000	1235	Pe; X4.
6AM8	F	17L	450	37	8	15476-3002-000	1140	X4.
6AN4	F	17L	6.3	39	8	35761-Gp00-000	1300	P1, G1 & P2, G2; X5.
6AN5	D	21H	6.3	43	8	51763-4K00-000	1040	K1 & K2; X5.
6AN6	A	-	6.3	40	D	600P3-1700-000	-	P1 & P2.
	A	-	6.3	40	D	6P300-1700-000	-	P1 & P2.
6AN7	D	20L	6.3	46	2	45176-0345-000	B50	Whole tube.
	C	10L	6.3	32	2	00176-0035-000	910	Osc.
6AN8	D	10L	450	42	8	00076-3451-000	1230	Pe; X4.
	D	23L	450	39	4	35176-0000-000	975	Tr; X3.
6AQ7	F	21L	6.3	45	2	00053-1760-000	1040	
6AQ8	F	21L	6.3	37	4	35176-PGK1-000	1250	K1, P1, G1 & K2, P2, G2.
6AR5	D	44H	6.3	44	1	51763-4000-000	750	X2.
6AR6	F	49H	6.3	34	4	10304-7560-000	930	X3.
6AR8	D	20L	6.3	37	2	11476-513P-000	1350	P1 & P2; X2.
6AS6	D	23L	6.3	28	2	51763-4200-000	1040	Pe; X2; Whole tube.
6AS7	C	29H	6.3	41	2	GPK53-1760-000	1220	K1, P1, G1 & K2, P2, G2; X4.
6AT8	D	9L	450	35	4	00176-3425-000	1190	Pe; X3.
	D	9L	450	43	8	53176-0000-000	1060	Tr; X4.
6AU4	E	-	6.3	24	R	00103-0760-000	-	
6AU8	D	20L	600	29	4	00076-1543-000	1130	Pe; X4.
	D	12L	600	36	4	15376-0000-000	1060	Tr; X3.
6AV5	D	46H	6.3	40	4	57103-0640-000	1190	X3.
6AW8	D	17L	600	41	8	00076-1543-000	1230	Pe; X5.
	F	23L	600	43	4	15376-0000-000	1300	Tr; X2.
6AX4	E	-	6.3	25	R	00103-0670-000	-	

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
6AX6	E	-	6.3	22	R	2731P-06K0-000	-	P1, K1 & P2, K2;
6AX7	F	18L	600	47	2	PGK77-3516-000	1040	K1, P1, G1 & K2, P2, G2.
6AY3	E	-	6.3	20	R	03076-0P01-000	-	P1 & P2.
6AZ8	D	41L	6.3	40	2	00076-0135-000	1100	X2;;Triode.
	D	21L	6.3	34	4	34176-5000-000	1000	X4;Pentode.
6B4	F	49H	6.3	45	4	07305-0600-000	1140	F; X3.
6B5	F	0	6.3	35	2	73451-6000-000	780	X2.
6B6	F	20L	6.3	39	1	07300-0610-000	720	Grid cap.
	A	-	6.3	45	D	0703P-0610-000	-	P1 & P2.
6B7	D	30L	6.3	44	2	73400-1600-000	730	Grid cap.
	A	-	6.3	46	D	7003P-1600-000	-	P1 & P2;
6B8	C	30L	6.3	45	1	17300-4610-000	860	Grid cap.
	A	-	6.3	46	D	2703P-0610-000	-	P1 & P2.
6B32	A	-	6.3	39	D	K3761-1P00-000	-	P1, K1 & P2, K2.
6BA7	C	15L	6.3	41	4	45176-2513-000	B10	Whole tube.
6BC4	D	15L	6.3	37	8	30G75-1500-000	1100	G1 & G2; X6.
6BC7	A	-	6.3	31	D	00076-Pk31-000	-	K1,P1 & K2, P2.
	A	-	6.3	31	D	13076-0000-000	-	Di #3.
6BD4	A	--	6.3	40	D	17005-0600-000	--	Plate cap.
6BD5	D	30H	6.3	47	4	57103-0640-000	1080	X3.
6BD7	F	0L	6.3	32	1	35176-0000-000	1300	Tr
	B	-	6.3	31	D	00176-30P0-000	-	Di #1 & 2, P1 & P2.
6BE7	C	19L	6.3	42	1	45176-3505-000	780	
6BEB	D	9L	450	33	4	53176-0000-000	1380	Tr; X4.
	D	15L	450	38	4	11176-3415-000	1125	Pe; X3.
6BF5	C	17H	6.3	46	8	51763-4G00-000	1220	G1 & G2; X4.
6BFB	A	-	450	38	D	00078-10P3-000	-	Di #1 & #2.
	A	-	450	38	D	00P76-1300-000	-	Di #3 & #4.
	A	-	450	38	D	P3076-1000-000	-	Di#5 & #6.
6BH3	E	-	6.3	25	R	0P076-0301-000	-	P 1 & P2.
6BH5	C	20L	6.3	44	4	45176-3000-000	750	X2.
6BH6	C	9L	6.3	43	4	51763-4200-000	1100	X2.
6BHB	D	21L	600	28	4	00076-1543-000	1150	Pe; X4.
	D	45L	600	33	2	15376-0000-000	1100	Tr; X2.
6BJ6	C	10L	6.3	43	4	51763-4200-000	1170	X2.
6BK5	F	13H	6.3	40	8	30576-1040-000	1100	X5.
6BK6	F	19L	6.3	46	2	51760-0300-000	1050	
	A	-	6.3	47	D	01763-P000-000	-	P1 & P2.
6BK7	D	17L	450	36	4	PGK76-3510-000	1510	K1, P1, G1 & K2, P2, G2 ; X4.
6BK8	F	25H	6.3	29	1	41076-3025-000	1300	Pe
6BK11	F	20L	600	33	1	70010-0005-306	950	Tr #1; X1.
	F	20L	600	37	1	7310P-KG00-056	950	Tr #2 & 3; K1, P1, G1 & K2, P2, G2.
6BL4	A	-	6.3	37	D	00103-0760-000	-	Diode
6BL7	F	23H	6.3	38	4	GPK53-1760-000	1140	K1, P1, G1 & K2, P2, G2; X4.
5BL8	C	14L	6.3	40	4	30076-0015-000	1020	Tr; X3.
	D	12L	6.3	34	4	05476-3100-000	1340	Pe; X3.
6BMB	C	10L	6.3	43	1	50076-0013-000	1625	Tr.
	C	15H	6.3	32	4	01576-3400-000	1100	Pe; X4.
6BN4	D	1BL	6.3	35	4	15763-KG00-000	1130	X4; G1, K1 & G2, K2;
GBR8	D	12L	450	37	4	00076-3415-000	1080	Pe; X3.
	D	10L	450	44	8	53176-0000-000	1210	Tr; X4.
6BS3	E	-	6.3	23	R	0P076-0301-000	-	P1 & P2.
6BSB	D	20L	6.3	36	4	PGK76-3510-000	1200	K1, P1, G1 & K2, P2, G2; X4.
6BT6	F	2BL	6.3	38	1	51760-0300-000	780	Tr.
	A	-	6.3	45	D	0275P-3000-000	-	P1 & P2.
6BT8	D	17L	450	37	4	00076-3451-000	1340	Pe; X3.
	A	-	450	42	D	P3176-0000-000	-	P1 & P2.
6BU6	F	22H	6.3	46	2	51760-0300-000	1240	Tr.
	A	-	6.3	46	D	0176P-3000-000	-	P1 & P2.
6BV8	F	10H	6.3	30	4	15376-0000-000	930	X4; Triode.
	A	--	6.3	38	D	00076-P1K3-000	--	Di; K1; P1 & K2, P2.
6BW4	E	--	6.3	30	R	P0076-0301-000	--	P1 & P2.
6BW6	F	33H	6.3	29	2	G5176-0342-000	1050	Pe; G1 & G2; X2.
6BX6	D	20L	6.3	34	4	15K76-0342-000	1300	K1 & K2; X4.
6BX7	F	41H	6.3	40	4	GPK53-1760-000	1240	K1, P1, G1 & K2, P2, G2; X4.
6BY5	E	-	6.3	25	R	1703P-06K0-000	-	P1, K1 & P2, K2
6BY11	D	30L	6.3	43	8	70000-0051-436	1150	Pe#1; X2.
	D	9L	6.3	35	1	71502-4300-006	1300	Pe ' #2.
6BZ7	D	19L	6.3	41	4	PGK76-3510-000	1430	K1, P1, G1 & K2, P2, G2; X3.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
6Bz8	D	12L	6.3	29	4	PGK76-3510-000	1400	K1, P1, G1 & K2, P2, G2; X4.
6C4	F	20H	6.3	44	2	3076P-5100-000	1430	P1 & P2.
6C5	F	20H	6.3	43	2	27305-0610-000	1300	
6C6	C	30L	6.3	38	1	73421-6000-000	800	Grid cap.
6C7	F	23H	6.3	46	2	73000-1600-000	810	Grid cap.
	A	-	6.3	48	D	7003P-1600-000	-	P1 & P2.
6C8	F	45L	6.3	46	2	0731G-P6K0-000	1090	P1, G1, K1 & P2, G2, K2; Grid cap.
6C9	C	10L	6.3	30	4	00076-1543-000	1300	Tet#1; X4.
	C	20L	6.3	30	4	54376-0000-100	1300	Tet#2; X4.
6CA5	D	15H	6.3	41	8	1576G-4300-000	1200	G1 & G2; X5.
6CA7	F	31H	6.3	33	4	27345-0610-000	1430	Pe; X5.
6CA11	D	35L	6.3	20	2	70000-0141-436	1300	Pe; X10.
	D	10L	6.3	36	4	7PG31-5K00-006	1235	Tr #1; K2, P2, G2.
	D	10L	6.3	36	4	7PG31-4K00-006	1040	Tr #2; K2, P2, G2.
6CD6	C	47H	6.3	47	4	07105-0640-000	1200	Plate cap; X4.
6CD7	D	H	6.3	-	E	07553-3610-000	-	Bias must vary shadow.
	D	H	6.3	-	E	07353-5610-000	-	Bias must vary shadow.
6CF6	D	24L	6.3	37	4	51763-4200-000	1010	X4.
6CG3	E	-	6.3	24	R	700P0-0100-306	-	P1 & P2.
6CG8	D	20L	6.3	35	2	00076-3415-000	1490	Pe; X2.
	C	11L	6.3	39	4	53176-0000-000	1250	Tr; X3.
6CH6	C	27L	6.3	44	2	05176-0342-000	1300	Pe
6CH7	D	20L	6.3	47	8	PGK76-3510-000	1300	K1, P1, G1 & K2, P2, G2; X3.
6CJ6	F	50H	6.3	29	4	05176-2040-000	1150	Pe; plate cap.
6CK5	F	16H	6.3	22	4	73004-5160-000	1070	Pe; X6.
6CK6	F	14H	6.3	38	8	45176-2300-000	1100	X6.
6CL8	D	10L	450	30	4	00076-3415-000	1040	Tet; X4.
	D	11L	450	27	4	53176-0000-000	1170	Tr; X5.
6CM5	D	17H	6.3	34	8	07045-0610-000	910	Pe; Plate cap; X10;
6CM6	D	23H	6.3	42	4	40576-G103-000	910	X3; G1 & G2.
6CMB	F	18L	450	31	2	30076-0015-000	650	Tr; X2.
	D	25L	450	32	4	05176-3400-000	1000	Pe; X4.
6CN6	F	13H	6.3	40	B	17045-0610-000	1300	Plate cap; X7.
6CQ6	F	33L	6.3	32	2	51763-2400-000	830	Pe; X2.
6CR6	D	18L	6.3	42	2	10763-4500-000	1430	Pe;
	A	-	6.3	41	D	13760-0000-000	-	Di.
6D4	B	H	6.3	30	R	50761-0300-000	-	Thyra; Fire 22-13 bias.
6D6	F	30L	6.3	36	2	73421-6000-000	1040	Grid cap.
6D7	C	30L	6.3	39	1	73420-1600-000	800	Grid cap.
6D8	C	20L	6.3	39	2	07345-4610-000	750	Grid cap; Whole tube.
6DA6	D	34L	6.3	34	2	05176-0342-000	1170	Pe; X2.
6DB6	D	10L	6.3	33	2	51673-4200-000	1375	
6DC6	D	20L	6.3	35	4	51763-4200-000	1200	X3.
6DCB	D	30L	300	42	4	45176-3002-000	975	Pe; X3.
	A	-	300	43	D	00176-0P30-000	-	P1 & P2.
6DJ8	C	14L	6.3	36	8	PGK76-3512-000	1020	K1, P1, G1 & K2, P2, G2; X7.
6DL5	F	16H	6.3	38	4	G1763-4500-000	1080	Pe; G1 & G2; X3.
6DL8	O	6L	6.3	41	4	01876-3500-000	1625	X6; no leak test
	A	-	6.3	46	D	P0076-0013-000	-	P1 & P2.
6DN6	C	28H	6.3	37	4	07105-0643-000	1460	Pe; Plate cap; X4.
6DQ4	E	-	6.3	25	R	00103-0760-000	-	Rect.
6DR4	F	10L	6.3	29	1	3076P-5100-000	1230	Tr; P1 & P2.
6DT4	E	-	6.3	26	R	00103-0670-000	0	
6DT6	C	13L	6.3	46	4	51763-4200-000	520	Pe; X1.
6DT8	F	19L	6.3	37	4	PGK76-3510-000	1190	K1, P1, G1 & K2, P2, G2; X3.
6DW5	D	43H	6.3	20	2	40576-5103-000	1200	Pe; X3.
6DX8	F	32L	6.3	41	8	00076-3154-000	1310	Pe; X5.
6DY7	D	16H	6.3	39	8	57345-3610-000	1100	X7.
6DZ7	F	19H	6.3	40	4	57P45-3610-000	1470	P1 & P2; X5.
6E5	E	H	6.3	-	E	75531-6000-000	-	Bias must vary shadow.
6E6	D	46H	6.3	47	1	7351G-P600-000	1100	P1, G1 & P2, G2.
6E7	F	32L	6.3	46	2	74320-1600-000	1040	Grid cap.
6EA4	A	-	6.3	45	D	70001-3000-006	-	Plate cap; emission test.
6EH7	D	30L	6.3	40	8	K5176-0342-000	1350	Pe; K1 & K2; X6.
6EJ7	F	30L	6.3	31	8	K5176-2342-000	1220	Pe; K1 & K2; X8.
6ES6	O	17L	300	20	1	51763-4200-000	1300	Pe.
6ET6	O	25L	300	20	1	51763-4200-000	1300	Pe.
6EX6	D	50H	6.3	35	4	07105-0640-000	1150	Pe; Plate cap; X4.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
6EY6	F	34H	6.3	33	2	07345-0610-000	1430	Pe; X2.
6F5	F	20L	6.3	37	1	27030-0610-000	980	Grid cap.
6F6	F	46H	6.3	34	2	27345-0610-000	830	X2.
6F7	C	30L	6.3	45	2	73400-1600-000	720	Grid cap; Pe.
	C	30L	6.3	45	1	70035-1600-000	350	Tr.
6F8	F	20H	6.3	30	2	0731G-P6K0-000	850	P1, G1, K1 & P2, G2, K2; Grid cap; X2.
6FD6	O	0L	6.3	32	1	52763-4100-000	1300	Pe
6FG5	F	2L	6.3	41	8	5K763-4100-000	1230	Pe; K1 & K2; X5.
6FR7	F	25L	6.3	45	2	00076-3510-000	1030	Tr; #1.
	C	35H	6.3	40	2	3G576-0001-000	1170	Tr; #2, G1 & G2; X4.
6FV8	D	13L	450	30	4	00076-3415-000	1050	Pe; X4.
	D	13L	450	37	4	53176-0000-000	1300	Tr; X4.
6G5	E	H	6.3	-	E	75531-6000-000	-	Bias must vary shadow.
6G6	D	23H	6.3	37	1	07345-0610-000	1500	
6GA7	F	50H	6.3	32	4	74051-0300-006	1300	Pe; X3.
	A	-	6.3	40	D	70000-0010-036	-	Di
6G-B3	C	20H	5.3	26	4	07045-0610-000	1235	Pe; Plate cap; X7.
6GB5*	C	26H	6.3	45	8	G5K76-0410-000	1300	Magnoval* Pe; K1, G1 & K2, G2; plate cap.
6G-B6	D	30H	6.3	33	4	07045-0610-000	1082	Plate cap; X3.
6GD7	D	12L	6.3	39	8	00076-3415-000	1300	Pe; X6.
	D	10L	6.3	41	8	53176-0000-000	1300	Tr; X5.
6GF7	F	25L	6.3	45	1	1GK76-P035-000	1300	Tr#1; K1, P1, G1.
	C	35H	6.3	43	1	1GK76-P035-000	1170	Tr#2; K2, P2, G2; X4.
6GH8	D	14L	6.3	30	4	30076-0015-000	1100	Tr; X5.
	D	13L	6.3	32	4	05476-3100-000	1200	Pe; X4.
6GJ5	D	31H	6.3	45	8	4G176-5400-000	1150	Plate cap; Pe; G1, G2; X4.
6GJ7	D	12L	6.3	35	8	K5176-3400-000	1230	Pe; K1 & K2.
	C	30L	6.3	36	4	10076-0035-000	1230	Tr.
6G-K17	E	-	6.3	25	R	00103-0760-000	-	
6GM8	O	10L	6.3	41	4	PGK76-3510-000	1300	Tr; #1 & 2, K1, P1, G1 & K2, P2, G2.
6GS8	D	17L	300	42	1	14276-2500-000	1250	Pe#2.
	D	17L	300	42	1	14076-0532-000	1250	Pe#1.
6GT5	D	39H	6.3	45	8	34176-G403-000	1150	Pe; G1 & G2, X4.
6GV8	D	23H	6.3	44	8	00076-3415-000	1210	Pe; X4.
	C	6L	6.3	35	4	35176-0000-000	1050	Tr; X4.
6GW6	D	34H	6.3	32	4	07045-0610-000	1150	Pe; Plate cap; X4.
6GZ5	F	12H	6.3	39	8	1G765-4300-000	1090	Pe; G1 & G2; X5.
6H4	A	-	6.3	39	D	07030-0610-000	-	
6H5	E	H	6.3	-	E	75531-6000-000	-	Bias must vary shadow.
6H6	A	-	6.3	39	D	2731P-06K0-000	-	P1, K1 & P2, K2.
6HD5	D	45H	6.3	44	8	70GK4-0304-156	1300	Pe; K1, G1 & K2, G2; X5.
6HD7	D	10L	450	35	8	K5176-3400-000	1100	Pe; K1 & K2.
	C	10L	450	40	4	10076-0035-000	1300	Tr; X4.
6HG8	C	25L	6.3	41	4	K0176-5300-000	1190	Tr; K1 & K2; X3.
	D	10L	6.3	38	8	K5176-0034-000	1300	Pe; K1 & K2; X6.
6HJ5	D	50H	6.3	24	4	71G24-0304-256	1050	Pe; G1 & G2; X6.
6HJ7	D	15L	450	28	4	K5176-3400-000	1300	Pe; K1 & K2.
	D	20L	450	33	4	10076-0035-000	1100	Tr;
6HL5	D	13H	6.3	34	8	G5176-0304-000	1300	Pe; G1 & G2.
6HT5	A	-	6.3	45	D	70001-3000-006	-	Plate cap; emission test.
6HW8	F	32L	6.3	44	4	23457-5132-000	1300	Whole tube; X2.
6HZ8	F	46L	6.3	36	8	00076-1543-000	1360	Pe; X6.
	F	24L	6.3	36	2	15376-0000-000	1300	Tr; X2.
6J4	D	15L	6.3	34	8	5175G-0300-000	1110	G1 & G2; X7.
6J5	F	18H	6.3	28	2	27305-0610-000	840	Tr; X2.
6J6	C	10L	6.3	35	4	P3765-G100-000	1150	P1, G1 & P2, G2; X3.
6J7	D	31L	6.3	40	2	17342-0610-000	800	Grid cap.
6J8	C	19L	6.3	44	2	07345-0610-000	780	Grid cap; Heptode.
6J9	D	12L	450	39	4	00076-P53G-100	1120	P1, G1 & P2, G2; X3.
	D	12L	450	39	4	35176-0000-000	1120	Tr #3; X3.
6JA8	D	14L	6.3	34	8	00076-1543-000	1360	Tet; X6.
	F	23L	6.3	44	4	15376-0000-000	1300	Tr; X2.
6JB6	D	32H	6.3	44	8	4G176-5420-000	1140	Plate cap; G1 & G2; X4.
6JG6	C	50H	6.3	35	2	45176-2003-000	1100	Pe; X6.
6JM6	F	50H	6.3	35	4	71425-0000-206	1550	Pe; Plate cap; X4.
6JS6	D	50H	6.3	35	4	71425-0000-006	1200	Pe; Plate cap; X5.
6JX8	D	0L	300	27	2	55176-3400-000	1080	Heptode.
	C	0L	300	32	2	00176-0035-000	1105	Tr.
6JY8	D	10L	6.3	44	8	15376-0000-000	1300	Tr.
	D	20L	6.3	38	8	00076-1543-000	1300	Pe.
6K5	F	30L	6.3	40	1	27300-0610-000	910	Grid cap.
6J10/210	C	21L	6.3	48	1	70032-4510-006	500	Alternate test for dis

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
6K6	F	46H	6.3	44	2	07345-0610-000	1360	
6K7	D	33L	6.3	43	2	17342-0610-000	1070	Grid cap.
6K8	C	20L	6.3	43	2	27345-0610-000	780	Grid cap; Heptode.
6K11	F	18H	600	44	2	70010-0005-306	1430	Tr#1.
	F	17L	600	45	2	7PK03-1500-0G6	1040	K1, P1, G1, K2, P2, G2
6KF8	C	0L	300	44	1	14P76-2532-000	950	Pe #1 & #2, P1 & P2.
6KN6	D	50H	6.3	40	B	71425-0000-006	1250	Whole tube.
6KNB	C	10L	6.3	10	4	35176-PGK0-000	1200	K1, P1, G1 & K2, P2, G2. Tr#1 & #2.
6KV6	C	50H	6.3	23	2	45176-2403-000	1105	Pe
6KY6	F	13H	6.3	22	4	15276-0340-000	1250	Pe; X15.
6KYB	D	25H	6.3	31	4	05176-3400-000	1000	Pe; X5.
	F	30L	6.3	36	1	10076-0035-000	1100	Tr; X1.
6L5	F	23H	6.3	46	2	07305-0610-000	1230	
6L7	C	25L	6.3	44	1	27345-0610-000	830	Grid cap.
6LG6	C	50H	6.3	39	4	70015-0000-046	1105	Plate cap.
6M5	D	16H	6.3	34	2	45176-0300-000	1300	X5.
6ME5	E	H	6.3	-	E	55763-0100-000	-	Bias must vary shadow.
6M-HH3	C	10L	450	39	4	3P76G-5100-000	1007	Tr#1 & 2, P1, G1 & P2, G2.
6M-P18	F	27H	6.3	27	2	G1763-4500-000	1300	G 1 & G2; Pe.
6N3	E	-	6.3	25	R	00176-0003-000	-	
6N4	D	33L	6.3	35	2	51763-KG00-000	1300	K1, G1 & K2, G2; X3.
6N5	E	H	6.3	-	E	75531-6000-000	-	Bias must vary shadow.
6N6	F	0	6.3	35	2	07345-0610-000	780	X2.
6N7	F	13H	6.3	43	2	27PG5-3610-000	1000	P1, G1 & P2, G2.
6N8	C	19L	6.3	44	4	45176-3002-000	710	X2.
	B	-	6.3	27	D	00176-03P0-000	-	P1 & P2.
6P5	F	34H	6.3	37	1	27305-0610-000	950	
6P7	C	30L	6.3	32	1	27634-0010-000	720	Grid cap; Pe.
	C	30L	6.3	36	1	27600-3510-000	330	Cap off; Tr.
6Q4	F	15L	6.3	31	8	50176-0G03-000	1300	G1 & G2; X6.
6Q5	E	H	6.3	32	R	27305-0610-000	-	Thyra; Fire 35-5 bias.
6Q6	F	30L	6.3	45	1	07300-0610-000	680	Grid cap.
	A	-	6.3	48	D	07003-0610-000	-	
6Q7	F	23L	6.3	30	1	27300-0610-000	780	Grid cap.
	A	-	6.3	48	D	2703P-0610-000	-	P1 & P2.
6Q11	F	15L	600	45	2	7PK03-1500-0G6	1040	K1, P1, G1 & K2, P2, G2.
	F	18H	600	44	2	70010-0005-306	1430	Tr #1.
6R4	D	20L	6.3	41	4	50176-0030-000	1190	X3.
6R7	F	23H	6.3	46	2	27300-0610-000	1150	Tr; X1; Grid cap.
	A	-	6.3	47	D	270P3-0610-000	-	P1 & P2.
6R8	F	25H	6.3	46	2	00076-0153-000	1230	
	A	-	6.3	36	D	30076-P100-000	-	P1 & P2.
	A	-	6.3	36	D	03176-0000-000	-	
6R-HH2	C	10L	6.3	37	4	35176-PGK0-000	1170	Tr#1 & 2; K1, P1, G1, & K2, P2, G2.
6R-HH8	C	10L	6.3	10	4	35176-PGK0-000	1200	Tr#1 & 2; K1, P1, G1 & K2, P2, G2.
6R-K19	E	-	6.3	25	R	10076-0003-000	-	Connect aux. lead from pin #1 of octal socket.
6R-P15	F	20H	6.3	32	4	G5176-0304-000	1250	Pe; G1 & G2.
6R-P22	D	35L	6.3	36	4	15476-3200-000	1300	Pe.
6S4	F	21H	600	43	4	01076-5003-000	980	X3.
6S7	C	30L	6.3	44	2	17342-0610-000	1140	Grid cap.
6S8	F	20L	6.3	47	2	01000-3760-000	710	Grid cap.
	A	-	6.3	48	D	310P0-0760-000	-	P1 & P2.
	A	-	6.3	48	D	00301-0760-000	-	
6SA7	C	9L	6.3	45	2	27345-1650-000	1100	Whole tube.
6SB7	C	14L	6.3	48	4	27345-1650-000	720	Whole tube.
6SC7	F	20L	6.3	45	2	235GP-1760-000	880	P1, G1 & P2, G2.
6SD7	C	20L	6.3	45	4	17251-4630-000	1380	
6SF5	F	18L	6.3	46	2	21503-0760-000	970	Tr; X1.
6SF7	C	15L	6.3	43	2	25140-3760-000	1330	
	A	-	6.3	48	D	20103-0760-000	-	
6SG7	C	10L	6.3	29	2	2715K-4630-000	1330	Pe; K1 & K2; X2.
6SH7	D	14L	300	42	4	2715K-4630-000	1300	Pe; K1 & K2; X2.
6SK7	C	10L	6.3	45	2	17251-4630-000	1520	Pe; X1.
6SL7	F	18L	6.3	45	2	GPK53-1760-000	1040	K1, P1, G1 & K2, P2, G2.
6SQ7	F	18L	6.3	37	1	25100-3760-000	760	Tr; X1.
	A	-	6.3	48	D	2013P-0760-000	-	P1 & P2.
6SR7	F	23H	6.3	45	2	25100-3760-000	1230	
	A	-	6.3	48	D	2013P-0760-000	-	P1 & P2.
6SS7	C	29L	6.3	44	2	17251-4630-000	1200	
6ST7	F	22H	6.3	42	2	25100-3760-000	1230	
	A	-	6.3	48	D	2013P-0760-000	-	P1 & P2.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
6SU7	F	21L	6.3	45	2	531GP-K760-000	1040	P1, G1, K1 & P2, G2, K2.
6SV7	D	12L	6.3	41	4	25140-3760-000	1170	
	A	-	7.3	24	D	20103-0760-000	-	
6SZ7	F	30L	6.3	41	1	25100-3760-000	780	
	A	-	6.3	48	D	2013P-0760-000	-	P1 & P2.
6T4	C	2BL	6.3	44	8	PG761-5300-000	1140	P1, G1 & P2, G2; X4.
6T5	E	H	6.3	-	E	75531-6000-000	-	Bias must vary shadow.
6T7	F	31L	6.3	39	1	27300-0610-000	680	Grid cap.
	A	-	6.3	48	D	2703P-0610-000	-	P1 & P2.
6U3	B	-	6.3	20	R	00176-0003-000	-	Rect.
6U4	E	-	6.3	23	R	00103-0760-000	-	
6U5	E	H	6.3	-	E	75531-6000-000	-	Bias must vary shadow.
6U6	D	36L	6.3	42	B	07345-0610-000	1000	
6U7	D	30L	6.3	40	2	07342-0610-000	1040	Grid cap.
6V3	E	--	6.3	23	R	0K076-0100-000	--	K1 & K2, Plate cap; leak on 3.
6V4	E	-	6.3	25	R	30176-0P00-000	-	P1 & P2.
6V5	F	30H	6.3	44	4	00345-0670-000	1220	X2.
6V7	F	45H	6.3	31	1	27300-0610-000	710	Grid cap.
	A	-	6.3	48	D	2703P-0610-000	-	P1 & P2.
6V8	F	30L	6.3	40	1	30176-5000-000	760	
	A	-	6.3	35	D	03176-000P-000	-	P1 & P2.
6W4	E	-	6.3	24	R	00103-0760-000	-	
6W5	E	-	6.3	25	R	0730P-0610-000	-	P1 & P2.
6W7	C	31L	6.3	38	1	07341-0610-000	700	Grid cap.
6X4	E	--	6.3	26	R	30760-P100-000	--	P1 & P2.
6X5	E	--	6.3	25	R	2730P-0610-000	--	P1 & P2.
6Y5	E	-	6.3	25	R	7231P-6000-000	-	P1 & P2.
6Y6	D	40H	6.3	37	4	07345-0610-000	1150	X4.
6Y7	F	0	6.3	44	4	0735G-P6100-000	980	P1, G1 & P2, G2; X2.
6Y10	F	48L	6.3	40	4	70000-0051-436	1200	Pe #1
	D	10L	6.3	40	4	71502-4300-006	1300	Pe #2
5Z4	E	-	6.3	24	R	7P316-0000-000	-	P1 & P2.
6Z5	E	-	6.3	24	R	7631P-6000-000	-	P1 & P2.
6Z7	D	0	6.3	45	4	0735G-P610-000	810	X2; P1, G1 & P2, G2.
6ZY5	E	-	6.3	25	R	0730P-0610-000	-	P1 & P2.
7A4	F	1BH	6.3	44	4	73000-5160-000	B40	X2.
7A5	C	20H	6.3	42	4	73400-5160-000	1250	X3.
7A6	E	-	6.3	25	R	71302-PK60-000	-	P1, K1 & P2, K2.
7A7	C	29L	6.3	44	2	73421-5160-000	1350	
7A8	C	8L	6.3	43	2	73454-5160-000	1350	Whole tube.
7AB7	C	20L	6.3	45	2	47315-06K0-000	1170	K1 & K2.
7AD7	C	25L	6.3	46	4	73421-5160-000	1230	X5.
7AF7	F	25H	6.3	47	4	7KPG5-3160-000	690	K1,P1, G1 & K2, P2, G2; X2.
7AG7	F	15L	6.3	37	4	73421-5160-000	910	X3.
7AH7	C	10L	6.3	43	4	73421-4160-000	740	X2.
7AJ7	C	10L	6.3	42	4	73423-5160-000	740	X2.
7AK7	C	0	6.3	40	4	73423-5160-000	1050	X4.
7AN7	C	10L	300	36	4	15376-G0KP-000	1300	Tr #1&2; K1, P1, G1 & K2, P2, G2.
7AU7	F	18H	600	29	2	PGK77-3516-000	710	K1, P1, G1 & K2, P2, G2; X2.
7B4	F	19L	6.3	37	1	73001-5160-000	970	
7B5	F	46H	6.3	40	2	73400-5160-000	680	X2.
7B6	F	21L	6.3	40	1	73500-0160-000	710	Tr.
	A	-	6.3	48	D	70003-P160-000	-	P1 & P2.
7B7	C	31L	6.3	45	2	73421-5160	1100	
7B8	C	20L	6.3	32	1	73454-5160-000	750	Whole tube.
7C4	A	-	6.3	40	D	70030-0160-000	-	Di.
7C5	D	31H	6.3	36	1	73400-5160-000	1220	
7C6	F	9L	6.3	44	2	73510-0K60-000	650	K1 & K2.
	A	--	6.3	48	D	70013-P060-000	--	P1 & P2.
7C7	C	30L	6.3	38	1	73421-5160-000	840	
7E5	C	25L	6.3	39	1	5731G-KP60-000	970	K1, P1, & K2, P2.
7E6	D	25L	6.3	43	2	73500-0160-000	1240	
	A	-	6.3	47	D	70003-P160-000	-	P 1 & P2.
7E7	C	23L	6.3	44	2	73004-5160-000	850	
	A	-	6.3	48	D	703P0-0160-000	-	P1 & P2.
7ES8	C	14L	300	29	6	PGK76-3510-000	B10	K1, P1, G1 & K2, P2, G2, X10.
7EY6	F	34H	600	29	2	07345-0610-000	1430	Pe; X2.
7F7	F	20L	6.3	45	2	7135G-Pk60-000	1040	P1, G1, K1 & P2, G2, K2.
7F8	F	30L	6.3	46	4	G7PK1-3650-000	1070	K1, P1, G1, & K2, P2, G2; X2.
7G7	C	18L	6.3	36	4	73421-5160-000	980	X3.
7G8	C	21L	6.3	42	4	73455-1360-000	680	X2.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
7H7	D	17L	6.3	32	2	73421-5160-000	1300	X2.
7J7	C	19L	6.3	46	2	73054-5160-000	780	Heptode.
	C	19L	6.3	48	2	70350-0160-000	1300	Osc.
7K7	F	20L	6.3	45	2	71350-0060-000	1040	
7KZ6	F	15L	450	28	B	15276-0340-000	1300	Pe; X12.
7L7	C	15L	6.3	36	2	73421-5160-000	1010	X2.
7M-P18	F	27H	7.5	27	2	G1763-4500-000	1300	Pe; G1 & G2.
7N7	F	20H	6.3	45	4	7KPG5-3160-000	840	K1, P1, G1 & K2, P2, G2; X2.
7Q7	C	30L	6.3	45	2	73452-5160-000	1100	Whole tube.
7R7	C	11L	6.3	44	4	73004-5160-000	1040	X2.
	A	-	6.3	48	D	703P0-0160-000	-	P1 & P2.
7S7	C	20L	6.3	41	1	73054-5160-000	850	Heptode.
	C	20L	6.3	36	1	70350-0160-000	1360	Triode.
7V7	C	16L	6.3	41	4	73421-5160-000	1260	X3.
7W7	D	16L	6.3	36	4	734K2-5160-000	1260	K1 & K2; X3.
7X6	E	-	6.3	26	R	71300-Pk60-000	-	P1, K1 & P2, K2.
7X7	F	12L	6.3	45	2	73510-0060-000	980	
	A	-	6.3	36	D	70013-Pk60-000	-	P1, K1 & P2, K2.
7Y4	E	-	6.3	25	R	70300-P160-000	-	P1 & P2.
7Z4	E	-	6.3	27	R	70300-P160-000	-	P1 & P2.
8A8	D	20L	300	32	2	05476-3100-000	1150	Pe; X3
	C	20L	300	25	2	30076-0015-000	1150	Tr; X3.
6AL9	D	29L	600	39	4	73020-0001-456	1250	Pe; X4.
	D	10L	600	34	4	70005-1300-006	1150	Tr; X6.
8AV11	F	20H	7.5	35	1	7001P-KG25-306	1430	K1, P1, G1 & K1, P2, G2.
	F	20H	7.5	35	1	73100-0020-056	1430	Tr #3.
8CN7	F	26L	450	44	2	00076-1530-000	780	Tr.
	A	-	450	37	D	P3176-0000-000	-	P1 & P2.
8CY7	F	25L	600	45	2	00076-3510-000	840	Tr #1.
	D	48H	600	38	2	30576-0001-000	1170	Tr #2; X3.
8DX8	F	32L	600	41	8	00076-3514-000	1310	Pe; X5.
	F	21L	600	40	2	53176-0000-000	1300	Tr; X2.
8HA6	D	0L	600	24	8	15276-4300-000	1250	Pe; X10.
8JE8	D	8L	600	37	8	00076-1543-000	1300	Pe; X6.
	F	23L	600	39	4	15376-0000-000	910	Tr; X3.
8KR8	D	25L	7.5	28	6	00076-1543-000	1300	Pe; X10.
	C	10L	7.5	34	4	15376-0000-000	1250	Pe; X5.
8LE8	C	25L	600	18	1	00176-3245-000	1250	Pe #1; X2.
	C	25L	600	18	1	32176-0045-000	1250	Pe #2; X2.
8R-HP1	D	26H	600	25	2	01576-3400-000	1100	Pe; X4.
	C	-	600	39	1	50076-0013-000	910	Tr.
8SN7	F	18H	450	28	2	GPK53-1760-000	840	K1,P1, G1 & K2, P2, G2; X2.
9A8	C	14L	300	40	4	30076-0015-000	1020	Tr; X3.
	D	12L	300	34	4	05476-3100-000	1340	Pe; X3.
9AU7	F	18H	450	29	2	PGK77-3516-000	710	K1, P1,G1 & K2, P2, G2; X2.
9BR7	F	18L	600	35	4	35166-0007-000	920	Tr; X4.
	A	-	600	37	D	00066-3P17-000	-	P1 & P2.
9CL8	D	10L	300	30	4	00076-3415-000	1040	Tet; X4.
	D	11L	300	27	4	53176-0000-000	1170	Tr; X5.
9GV8	D	23H	600	44	8	00076-3415-000	1040	Pe.
	C	6L	600	35	4	35176-0000-000	1300	Tr.
9U8	D	9L	300	41	4	05476-3100-000	1130	Pe; X3.
	D	11L	300	35	4	30076-0015-000	1380	Tr; X4.
10	F	43H	7.5	35	2	73560-0000-000	1050	F.
10C8	F	28L	300	41	4	35176-P4GK-000	990	Tr; K1, P1, G1; X3.
	D	12L	300	37	8	35176-P4GK-000	1325	Pe; K2, P2, G2; X4.
10DX8	F	32L	450	41	8	00076-3154-000	1310	Pe; X5.
	F	21L	450	40	8	53176-0000-000	1300	Tr; X2.
10GF7	F	25	600	45	1	1GK76-0035-000	1300	Tr #1; K1, P1, G1.
	C	35H	600	43	2	1GK76-P035-000	1170	Tr #1; K2, P2, G2.
10GV8	D	23H	450	44	8	00076-3415-000	1040	Pe.
	C	6L	450	35	4	35176-0000-000	1300	Tr.
10HA6	D	0L	450	24	8	15276-4300-000	1250	Pe; X10
10LY8	D	14L	10	19	8	00076-1543-000	1300	Pe; X10.
	F	20L	10	35	1	15375-0000-000	1105	Tr; X1.
11C5	C	18H	450	45	8	1G765-4300-000	940	Pe; G1 & G2; X4.
12A	D	24H	5	44	2	73560-0000-000	1100	F.
12A4	F	23H	6.3	45	8	15766-0503-000	1010	X5.
12A5	D	48H	6.3	46	4	63451-7600-000	780	X2.
12A6	F	31H	13	45	4	27345-0610-000	970	Pe; X2.
12A7	D	31H	13	43	2	73400-1600-000	630	Grid cap.
	A	-	13	36	D	70013-0600-000	-	

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
12AB	C	20L	13	32	1	27345-4610-000	750	Grid cap; Whole tube.
12AB5	D	2BH	13	35	1	40576-5143-000	1370	X2.
12AC6	O	17L	13	42	1	52763-4100-000	470	Pe; X1; no leak test
12AD7	F	1BL	6.3	46	2	PGK77-3516-000	1040	K1, P1, G1 & K2, P2, G2.
12AE6	O	4L	13	36	1	51760-0300-000	650	Tr; No leak test.
	A	-	13	48	D	0176P-3000-000	-	P1 & P2.
12AE7	O	2BL	13	38	2	35176-0000-000	1450	X3; No leak test.
	O	23L	13	44	2	00076-3510-000	B70	X3; No leak test.
12AH7	D	13L	13	42	2	513KG-P760-000	1240	P1, G1, K1 & P2, G2, K2.
12AJ6	O	0L	13	47	1	51760-0300-000	7B0	X1; No leak test.
	A	--	13	47	D	0176P-3000-000	--	P1 & P2.
12AJ7	D	20L	13	35	2	46176-3400-000	1300	Heptode.
	C	10L	13	38	2	00176-0035-000	1300	Tr.
12AL5	A	-	13	36	D	K3761-2P00-000	-	P1, K1, & P2, K2.
12AL8	O	10L	13	42	4	05876-3100-000	1625	X6; No leak test.
	O	21L	13	44	1	30076-0051-000	650	X1; No leak test.
12AQ5	F	29H	13	28	2	51783-4G00-000	1330	G1 & G2; X2.
12AT7	F	16L	6.3	37	4	PGK77-3516-000	1190	K1, P1, G1 & K2, P2, G2; X3.
12AV5	D	46H	13	40	4	57103-0640-000	1190	X3.
12AV7	D	12L	5.3	35	4	PGK77-3516-000	1380	K1, P1, G1 & K2, P2, G2; X4.
12AW6	D	13L	13	46	B	51753-4200-000	1080	X3.
12AX4	E	--	600	25	R	00103-0760-000	--	Rect.
12AY3	E	--	600	25	R	03076-0P01-000	--	P1 & P2.
12AY7	F	36L	6.3	37	1	PGK77-3516-000	1150	K1, P1, G1 & K2, P2, G2.
12AZ7	F	20L	6.3	37	4	PGK77-3516-000	1190	K1, P1, G1 & K2, P2, G2; X3.
12B4	D	36H	600	40	4	1G766-0603-000	1060	G1 & G2; X4.
12B7	C	29L	13	44	2	73421-6160-000	1350	
12B8	C	28L	13	42	2	17340-0600-000	1170	Grid cap; Pe.
	C	0	13	43	4	07003-1650-000	7B0	Cap off; Tr; X2.
12BA7	C	20L	13	41	4	46176-2513-000	1080	Whole tube.
12BD6	C	30L	13	46	2	52763-4100-000	1300	Pe.
12BF6	F	23H	13	45	2	51760-0300-000	1240	
	A	--	13	46	D	01763-P000-000	--	P1 & P2.
12BH7	F	25H	600	34	2	PGK77-3516-000	1010	K1, P1, G1 & K2, P2 G2; X2.
12BK5	F	49L	600	40	B	30676-1040-000	1100	X4.
12BK6	F	9L	13	41	2	51760-0300-000	950	Tr.
	A	--	13	47	D	0176P-3000-000	--	P1 & P2.
12BL6	O	25L	13	45	1	51763-4100-000	B76	X3; No leak test.
12BN6	C	21L	13	42	1	16764-2300-000	840	Whole tube.
12BT6	F	28L	13	38	1	51760-0300-000	780	
	A	--	13	45	D	01763-P000-000	--	P1 & P2.
12BU6	F	22H	13	46	2	51760-0300-000	1240	
	A	--	13	46	D	01763-P000-000	--	P1 & P2.
12BW4	E	--	13	30	R	P0076-0301-000	--	P1 & P2.
12BZ7	F	20L	6.3	35	2	PGK77-3516-000	1030	K1, P1, G1 & K2, P2, G2; X2.
12C5	C	25H	600	42	4	1576-G4300-000	1220	Pe; G1 & G2; X4.
12C8	C	30L	13	46	2	27300-4610-000	B60	Grid cap.
	A	--	13	46	D	2703P-0610-000	--	P1 & P2.
12CK3	E	--	600	25	R	0P076-03-1-000	--	P1 & P2.
12CM6	O	32L	13	40	4	40G76-5103-000	800	G1 & G2; X3; No leak test.
12CR6	D	20L	13	40	2	10763-4600-000	1250	
	A	--	13	41	D	13760-0000-000	--	
12CS6	C	10L	13	28	2	61763-4200-000	710	
12CT8	D	11L	300	35	4	36176-0000-000	1060	Tr; X3.
	C	6L	300	24	4	00076-3451-000	1135	Pe; X4.
12CU5	D	20H	600	33	4	1G765-4300-000	1660	Pe; G1 & G2; X3.
12CU6	D	49H	600	20	2	07045-0610-000	1190	Pe; Plate cap; X3.
12DE8	O	BL	13	35	2	50076-3241-000	976	Pe; No leak test.
	A	--	13	43	D	01376-0000-000	--	Di.
12DJ8	C	14L	13	37	6	PGK76-3512-000	1020	K1, P1, G1 & K2, P2, G2; X7.
12DK7	O	10L	13	43	B	61B76-0300-000	1100	Tet; X3; No leak test.
	A	-	13	47	D	01076-PQ03-000	-	P1 & P2.
12DLB	O	6L	13	41	4	01B76-3500-000	1625	X6; No leak test.
	A	-	13	46	D	P0076-0013-000	-	P1 & P2.
12DM4	E	-	600	25	R	00103-0760-000	-	
12DS7	O	6L	13	40	4	0087B-3510-000	1400	Tet; X7; No leak test.
	A	-	13	46	D	P0076-0013-000	-	P1 & P2.
12DT7	F	20L	300	44	1	PGK77-3516-000	1040	K1, P1, G1 & K2, P2, G2.
12DU7	O	BL	13	43	B	51B76-3000-000	1000	Tet; X4; No leak test.
	8	-	13	34	D	01076-0P03-000	-	P1 & P2.
12DV7	O	10L	13	35	1	00076-3510-000	476	Tr; No leak test.
	B	-	13	29	D	1P376-0000-000	-	P1 & P2.

TU8E	PLATE	8IAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
12DV8	O	29L	13	30	2	01876-3500-000	1375	Tet; X4; No leak test.
	A	-	13	45	D	P0076-0013-000	-	P1 & P2; No leak test.
12DW4	E	-	600	20	R	0P076-0301-000	-	P1 & P2.
12DY8	O	3L	13	42	2	00076-0135-000	1300	Tr; No leak test.
	O	5L	13	36	4	51476-3000-000	1300	Tet; X3; No leak test.
12DZ7	F	19H	13	40	4	57P45-3610-000	1470	P1 & P2; X5.
12E5	F	29H	13	43	2	27305-0610-000	950	
12EA6	O	8L	13	25	4	51763-8100-000	800	Pe; X3; No leak test.
12EC8	O	6L	13	46	4	00076-3815-000	1300	Pe; No leak test.
	O	2L	13	30	4	53176-0000-000	1000	Tr; No leak test; X3.
12EG6	O	33L	13	40	1	51763-4200-000	520	X1; No leak test.
12EH5	C	25L	600	40	8	1576G-4300-000	1580	Pe; G1 & G2; X6.
12EL6	O	2L	13	46	2	53760-0100-000	390	X2; No leak test.
	A	--	13	47	D	0076P-3100-000	--	P1 & P2.
12EM6	O	30L	13	45	4	51476-3000-000	1080	X3; No leak test.
	A	--	13	46	D	01076-0003-000	--	Diode.
12EZ6	O	14L	13	45	4	52763-4100-000	875	Pe; X2; No leak test.
12F5	F	20L	13	37	1	27030-0610-000	960	Grid cap.
12F8	O	11L	13	42	1	04376-0152-000	650	X1; No leak test.
	A	--	13	46	D	P0076-3100-000	--	P1 & P2.
12FK6	O	9L	13	40	2	51760-0300-000	780	Tr; X1; No leak test.
	A	--	13	47	D	0176P-3000-000	--	P1 & P2.
12FM6	O	24L	13	37	1	51760-0300-000	780	Tr; X2; No leak test.
	8	--	13	20	D	0176P-3000-000	--	P1 & P2.
12FQ8	F	15L	13	39	1	11176-P531-000	810	P1 & P2.
12FR8	O	16L	13	45	4	00567-4300-000	880	Pe; X2; No leak test.
	O	12L	13	45	2	51067-0003-000	780	Tr; No leak test.
	A	--	13	45	D	01067-0030-000	--	Di; No leak test.
12FX8	O	19L	13	43	2	35367-0101-000	1170	X2; No leak test.
12GJ5	D	31H	600	45	8	4G176-5400-000	1150	Plate cap; G1 & G2; X4.
12G-K17	E	--	600	25	R	00103-0760-000	--	
12GN7	D	15L	600	14	8	15277-6342-000	1400	Pe; X14; No leak test.
12H6	A	--	13	39	D	2731P-06K0-000	--	P1, K1 & P2, K2.
12HL5	D	13H	300	34	8	G5176-0304-000	1300	Pe; G1 & G2.
12J7	D	31L	13	40	2	17342-0610-000	800	Grid cap.
12J8	O	43L	13	36	2	51476-3000-000	1190	X3; No leak test.
12J86	D	32H	600	44	8	4G176-5420-000	1140	Plate cap; G1 & G2; X4.
12JS6	D	50H	600	35	4	71425-0000-006	1200	Pe; Plate cap; X5.
12JT6	D	50H	600	36	4	45176-2403-000	1150	Pe; X4.
12K5	O	6L	13	41	4	15768-8300-000	1625	X6; No leak test.
12K7	D	33L	13	43	2	17342-0610-000	1070	Grid cap.
12K8	C	20L	13	43	2	27346-0610-000	780	Grid cap; Heptode.
12L6	C	20H	600	40	8	27345-0610-000	1030	X6.
12L8	D	20H	13	43	2	51GP4-7630-000	910	P1, G1 & P2, G2, X3.
12R5	D	22.5H	600	25	4	1576G-4300-000	1550	Pe; G1 & G2; X3.
12R-K19	E	-	600	25	R	10076-0003-000	-	Connect aux. lead from pin #1 of octal socket to cath. cap.
12R-LL5	F	18H	300	32	2	PKG76-3510-000	840	K1, P1, G1 & K2, P2, G2; X2.
12Q7	F	23L	13	30	1	27300-0610-000	780	Grid cap.
	A	-	13	48	D	2703P-0610-000	-	P1 & P2.
12S8	F	20L	13	47	2	01000-3760-000	710	Grid cap.
	A	-	13	48	D	310P0-0760-000	-	P1 & P2.
	A	-	13	48	D	00301-0760-000	-	
12SA7	C	9L	13	45	2	27345-1650-000	1100	Whole tube.
12SC7	F	20L	13	45	2	235GP-1760-000	880	P1, G1 & P2, G2.
12SF5	F	18L	13	46	2	21503-0760-000	970	Tr; X1.
12SF7	C	15L	13	43	2	25140-3760-000	1330	
	A	-	13	48	D	10103-0760-000	-	
12SG7	C	10L	13	29	2	2715K-4630-000	1330	Pe; K1 & K2; X2.
12SH7	D	14L	13	43	4	2715K-4630-000	1300	Pe; K1 & K2; X2.
12SJ7	C	25L	13	45	2	17251-4630-000	1020	Pe; X1.
12SK7	C	10L	13	45	2	17251-4630-000	1520	Pe; X1.
12SL7	F	18L	13	45	2	GPK53-1760-000	1040	K1, P1, G1 & K2, P2, G2.
12SQ7	F	18L	13	37	1	25100-3760-000	760	Tr; X1.
12SR7	F	23H	13	45	2	25100-3760-000	1230	
	A	--	13	48	D	2013P-0760-000	--	P1 & P2.
12SX7	F	20H	13	45	4	GPK53-1760-000	850	K1, P1, G1 & K2, P2, G2; X2.
12U7	O	11L	13	46	1	PGK76-3510-000	1040	K1, P1, G1 & K2, P2, G2; No leak test.
12V6	F	30H	13	44	4	27345-0610-000	1220	X2.
12W6	C	15H	600	45	8	07345-0610-000	1300	X4.
12X4	E	-	13	26	R	30760-P100-000	-	P1 & P2.
12Z3	E	--	13	25	R	73160-0000-000	--	Rect.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
13CM5	C	22H	600	23	4	47K05-0610-000	1100	Pe; Plate cap; K1 & K2.
13EM7	F	27L	450	35	1	GPK53-1760-000	1040	K1, P1, G1; Tr #1.
	D	42H	450	32	2	GPK53-1760-000	1170	K2, P2, G2; Tr. #2; X4.
13JZ8	D	37L	600	45	2	73000-0000-516	1230	Tr.
14A4	F	18H	13	44	4	73000-5160-000	840	X2.
14A5	C	20H	13	47	2	73400-5160-000	970	X2.
14A7	C	29L	13	44	2	73421-5160-000	1350	
14AF7	F	25H	13	47	4	7KPG5-3160-000	690	K1, P1, G1 & K2, P2, G2; X2.
14B6	F	21L	13	40	1	73500-0160-000	710	
	A	-	13	48	D	70003-P160-000	-	P1 & P2.
14B8	C	20L	13	32	1	73454-5160-000	750	Whole tube.
14C5	D	31H	13	36	1	73400-5160-000	1220	
14C7	C	30H	13	39	1	73421-5160-000	1020	
14E6	D	25L	13	43	2	73500-0160-000	1240	
	A	-	13	47	D	70003-P160-000	-	P1 & P2.
14E7	C	23L	13	44	2	73004-5160-000	850	
	A	-	13	48	D	703P0-0160-000	-	P1 & P2.
14F7	F	20L	13	45	2	7135GPK60-000	1040	P1, G1, K1 & P2, G2, K2.
14F8	F	30L	13	46	4	G7PK1-3650-000	1070	K1, P1, G1 & K2, P2, G2; X2.
14GW8	F	15H	300	41	6	00476-3150-000	1300	Pe; X5.
	F	13L	300	45	2	51076-0003-000	1040	Tr.
14H7	D	17L	13	32	2	73421-5160-000	1300	
14J7	C	19L	13	46	2	73054-5160-000	780	Heptode.
	C	19L	13	48	2	70350-0160-000	1300	Osc.
14N7	F	20H	13	45	4	7KPG5-3160-000	840	K1, P1, G1 & K2, P2, G2; X2.
14Q7	C	30L	13	45	2	73452-5160-000	1100	Whole tube.
14R7	C	11L	13	44	4	73004-5160-000	1040	X2.
	A	--	13	48	D	703P0-0160-000	--	P1 & P2.
14S7	C	20L	13	41	1	73054-5160-000	850	Heptode.
	C	20L	13	36	1	70350--160-000	1360	Triode.
14W7	D	16L	13	36	4	734K2-5160-000	1260	K1 & K2; X3.
14X7	F	12L	13	45	2	73510-0060-000	980	
	A	--	13	36	D	70013-PK60-000	--	P1, K1 & P2, K2.
14Y4	E	--	13	25	R	70300-P160-000	--	P1 & P2.
16A5	D	35L	300	23	4	05176-0304-000	1300	Pe.
16AB	C	0L	300	40	1	50076-0013-000	1150	Tr; X1.
	F	40H	300	36	4	01576-3400-000	1100	Pe; X3.
17AV5	D	46H	450	40	4	57103-0640-000	1190	Pe; X3.
17C5	C	25H	450	42	4	1G765-4300-000	1220	Pe; G1 & G2; X4.
17C9	C	10L	20	28	4	00076-1543-000	1300	Tet #1; X4.
	C	10L	20	28	4	54376-0000-100	1300	Tet #2; X4.
17CA5	D	15H	450	41	8	1G765-4300-000	1200	Pe; G1 & G2; X5.
17CL3	E	--	450	23	R	0P076-0301-000	--	P1 & P2.
17D4	A	--	450	47	D	00103-0760-000	--	Diode
17H3	A	--	300	44	D	10376-00P0-000	--	Di; P1 & P2.
17L6	C	18H	450	43	B	27345-0610-000	1030	Pe; X5.
17R5	D	22H	450	25	4	1G765-4300-000	1550	G1 & G2; X3.
18A5	D	45H	300	42	6	56103-074-000	1040	Pe; X3.
18DZ8	D	13L	300	44	1	50076-0013-000	910	Tr.
	D	18H	300	31	4	01576-3400-000	1220	Pe; X4.
18HB8	D	15H	300	44	6	00076-4315-000	1010	Pe; X4.
	D	13L	300	38	2	51376-0000-000	1270	Tr; X2.
18R-AL1	F	27H	13	41	1	00076-3510-000	1300	Tr #1; X1.
	O	0L	13	23	2	3G576-0001-000	1100	Tr #2; G1 & G2; X3.
19	D	0	2	43	2	735GP-6000-000	880	F; P1, G1 & P2, G2.
19AQ5	F	29H	20	28	2	51763-4G00-000	1330	G1 & G2; X2.
19AJ8	D	15L	20	46	4	00176-0035-000	1180	Tr; X2.
	D	15L	20	39	4	45176-3200-000	780	Heptode; X2.
198G8	F	35H	20	43	4	07105-0640-000	1300	Plate cap; X3.
19C8	C	11L	20	43	1	00076-0153-000	810	
	A	--	20	36	D	03176-0000-000	--	
	A	--	20	36	D	30076-P100-000	--	P1 & P2.
19DE7	F	23H	300	42	2	00076-3510-000	1300	Tr #1; X1.
	D	35H	300	43	4	35G76-0001-000	1050	Tr #2; G1 & G2; X4.
19J6	C	24L	20	48	4	P376G-5100-000	1150	P1, G1 & P2, G2; X3.
19JC6	D	14L	20	35	6	K5176-0342-000	1220	Pe; K1 & K2; X8.
19MR9	C	10L	20	16	1	52763-4100-000	1100	Pe.
19Q9	D	11L	20	33	4	00076-2153-000	1300	Tr; X4.
	D	11L	20	36	4	54376-1000-100	1300	Pe; X3.
19T8	F	30L	20	37	1	00076-0153-000	780	
	A	-	20	35	D	30076-P100-000	-	P1 & P2.
	A	-	20	35	D	03176-0000-000	-	
19V8	F	30L	20	40	1	30176-5000-000	780	
	A	-	20	35	D	03176-000P-000	-	P1 & P2.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
	A	-	20	35	D	00076-0310-000	-	
19X3	B	-	20	20	R	00176-0003-000	-	Rect.
19X8	D	15L	20	35	4	20076-1543-000	1000	Pe; X3.
	C	18L	20	36	2	05376-1000-000	1350	Tr; X3.
19Y3	E	-	300	26	R	00176-0003-000	-	
20EQ7	C	9L	20	30	2	15176-4301-000	1225	Pe; X2.
	A	-	20	47	D	10176-0031-000	-	Di.
21A6	D	40H	20	32	4	05176-0041-000	950	X4; Plate cap.
21EX6	D	50H	600	35	4	07105-0640-000	1150	Pe; Plate cap; X4.
22	C	15L	3.3	46	1	73460-0000-000	350	F; Grid cap.
24A	C	30L	2.5	43	1	73416-0000-000	700	Grid cap.
24GA7	F	50H	20	32	4	74051-0300-006	1300	Pe; X3.
	A	-	20	40	D	70000-0010-036	-	Di.
25A6	C	43H	27.5	41	2	27345-0610-000	770	
25A7	C	37H	27.5	45	2	07345-0610-000	1170	
	E	-	27.5	25	R	17000-3600-000	-	
25AC5	C	0	27.5	38	2	07305-0610-000	1100	X2.
25AV5	D	46H	27.5	40	4	57103-0640-000	1190	X3.
2585	C	0	27.5	45	4	73451-6000-000	750	X2.
2586	D	49H	27.5	37	4	27345-0610-000	1080	X3.
2588	C	30L	27.5	44	2	17340-0600-000	1300	Grid cap; Pa;
	C	10L	27.5	47	2	07003-1650-000	980	Cap off; Tr.
25C5	C	12H	27.5	32	4	1G765-4300-000	1220	Pe; G1 & G2; X4.
25C6	D	35H	27.5	33	4	07345-0610-000	1150	X4.
25CA5	D	15H	27.5	41	8	1G765-4300-000	1200	G1 & G2; X5.
25CM3	E	-	600	24	R	0P076-0301-000	-	P1 & P2.
25CU6	D	49H	27.5	20	2	07045-0610-000	1190	Plate cap; X3.
25DK4	E	-	27.5	20	R	00763-0100-000	-	Rect.
25DQ6	D	45H	27.5	42	4	07045-0610-000	1300	Plate cap; X3.
25E5	D	20H	300	23	4	07045-0610-000	1300	
25F5	D	20H	27.5	44	8	1G765-4300-000	1040	Pe; G1 & G2; X4.
25JQ6	C	12H	300	35	4	30476-0G51-000	1300	Pe; G1, G2; X2.
	A	-	300	44	D	00076-3001-000	-	Di.
25L6	C	18H	27.5	43	8	27345-0610-000	1030	X5.
25N6	C	0	27.5	44	4	07345-0610-000	750	X2.
25U4	E	-	27.5	23	R	00103-0760-000	-	
25W4	E	-	27.5	24	R	00103-0760-000	-	
25W6	C	15H	27.5	45	8	07345-0610-000	1300	X4.
25X6	E	-	27.5	26	R	2731P-06K0-000	-	P1, K1 & P2, K2.
25Y5	E	-	27.5	26	R	731KP-6000-000	-	P1, K1 & P2, K2.
25Z4	E	-	27.5	24	R	07003-0610-000	-	
25Z5	E	-	27.5	26	R	731KP-6000-000	-	P1, K1 & P2, K2.
25Z6	E	-	27.5	26	R	27PK3-0610-000	-	K1, P1 & K2, P2.
26	D	23H	1.5	44	2	73560-0000-000	750	F.
26A6	C	30L	27.5	40	2	52763-4100-000	870	X3.
26A7	C	30H	27.5	32	8	51534-7630-000	1110	X7.
268K6	F	19L	27.5	46	2	51760-0300-000	1050	
	A	-	27.5	47	D	01763-P000-000	-	P1 & P2.
26C6	F	23H	27.5	45	2	51760-0300-000	1230	
	A	-	27.5	48	D	01763-P000-000	-	P1 & P2.
26D6	C	9L	27.5	45	2	51763-4500-000	1100	Whole tube.
26Z5	E	-	27.5	25	R	30176-P0K0-000	-	P1, K1 & P2, K2.
27	F	40H	2.5	42	2	73516-0000-000	650	
28D7	C	22H	27.5	41	8	75433-1560-000	1100	X4.
28HA6	D	0L	27.5	24	8	15276-4300-000	1250	Pe; X10.
28HD5	D	45H	450	44	8	70GK4-0304-156	1300	Pe; K1, G1 & K2, G; X5.
28Z5	E	-	27.5	27	R	70300-P160-000	-	P1 & P2.
29GK6	F	21H	27.5	36	4	15276-0342-000	1470	Pe; X5.
30	D	23H	2	44	2	73560-0000-000	580	F.
30A5	C	17H	27.5	33	4	1G765-4300-000	1235	Pe; G1 & G2.
30AG11	A	-	27.5	38	D	7KP00-0000-316	-	Di #1 & #2; P1 & P2.
	D	11L	27.5	45	8	700KG-P351-006	1270	K1, P1, G1 & K2, P2, G2; X4.
30CW5	D	23H	27.5	25	4	05176-0304-000	1080	Pe; X4.
30HD5	D	45H	450	44	8	70GK4-0304-156	1300	Pe; K1, G1 & K2, G2; X5.
30HJ5	D	50H	450	24	4	71G24-0304-256	1050	Pe; G1 & G2; X5.
30KD6	C	50H	600	33	4	7142G-0005-006	1100	pe; Plate cap; G1 & G2.
31	D	35H	2	45	2	73560-0000-000	650	F.
32	C	15L	2	48	2	73460-0000-000	450	Grid cap; F.
32GA7	F	50H	27.5	32	4	74051-0300-006	1300	Pe; X3.
32L7	C	29H	35	35	4	07345-0610-000	1040	F; X3.
	B	-	35	20	R	17000-3600-000	-	
33	D	32H	2	44	2	63547-0000-000	1100	F.
34	C	15L	2	42	2	63470-0000-000	390	F; Grid cap.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
34R3	E	--	35	25	R	1P076-0003-000	--	Connect aux. lead from pin #1 of octal socket to cath. cap; P1 & P2.
35/51	C	30L	2.5	44	1	73416-0000-000	670	Grid cap.
35A5	D	22L	35	42	8	73400-5160-000	990	X4.
35B5	C	19H	35	39	4	G1763-4500-000	1250	G1 & G2; X3.
35CD6	C	47H	450	47	4	07105-0640-000	1200	Pe; Plate cap; X4.
35DZ8	D	13L	35	43	1	50076-0013-000	910	Tr.
35HB8	D	15H	35	44	8	00076-4315-000	1010	Pe; X4.
	D	13L	35	38	2	51376-0000-000	1270	Tr; X2.
35L6	D	14H	35	43	8	07345-0610-000	990	X4.
35Y4	E	--	35	23	R	73000-0610-000	--	
35Z3	E	--	35	23	R	73000-0160-000	--	
35Z4	E	--	35	23	R	07003-0610-000	--	
35Z6	E	--	35	23	R	0731P-06K0-000	--	P1, K1 & P2, K2.
36	C	30L	6.3	42	1	73416-0000-000	700	Grid cap.
37	F	35H	6.3	42	2	73516-0000-000	710	Tr.
38	F	45H	6.3	42	2	73416-0000-000	800	Grid cap.
38A3	B	--	35	20	R	00176-0003-000	--	Rect.
39/44	C	30L	6.3	45	2	73416-0000-000	700	Grid cap.
40	D	30L	5	42	1	73560-0000-000	400	F; X1/2.
40FR5	D	20H	35	38	4	1G765-4300-000	1300	Pe; G1 & G2; X3.
40KD6	C	50H	450	33	4	7142G-0005-006	1100	Pe; Plate cap; G1 & G2.
41	F	46H	6.3	33	2	73451-6000-000	690	X2.
42	F	49H	6.3	47	4	73451-6000-000	830	X2.
43	D	40H	27.5	42	4	73451-6000-000	770	X1/2.
45	F	49H	2.5	37	2	73560-0000-000	770	F; X2.
45B5	D	30H	47	33	4	05176-0304-000	1150	Pe.
45Z3	E	--	47	23	R	73010-P600-000	--	P1 & P2.
45Z5	E	--	47	23	R	07003-0610-000	--	
47	D	41H	2.5	41	1	73546-0000-000	820	F; X2.
48	C	40H	27.5	35	2	73451-6000-000	1230	X2.
49	D	40H	2	42	2	73546-0000-000	750	F.
50	D	40H	7.5	38	1	73560-0000-000	1250	F.
50A5	C	21H	47	47	8	73400-5160-000	1040	X5.
50AX6	E	--	47	23	R	0731P-06K0-000	--	P1, K1 & P2, K2.
50B5	C	16H	47	31	4	51763-4500-000	1220	X4.
50C6	D	33H	47	45	8	07345-0610-000	1140	X4.
50CD6	C	47H	47	47	4	07105-0640-000	1200	Plate cap; X4.
50DC4	A	--	47	33	D	00763-0100-000	--	Diode.
50JY6	C	20H	47	25	4	07245-0610-000	1250	Pe; X7.
50X6	E	--	47	25	R	71300-PK60-000	--	P1, K1 & P2, K2.
50Y6	E	--	47	25	R	0731P-06K0-000	--	P1, K1 & P2, K2.
50Y7	E	--	47	25	R	0731P-06K0-000	--	P1, K1 & P2, K2.
50Z6	E	--	47	25	R	0731P-06K0-000	--	P1, K1 & P2, K2.
50Z7	E	--	47	25	R	0731P-06K0-000	--	P1, K1 & P2, K2.
53	F	13H	2.5	44	2	7351G-P600-000	1050	P1, G1 & P2, G2.
55	F	30L	2.5	38	2	73001-6000-000	710	Grid cap.
	A	--	2.5	45	D	703P1-6000-000	--	P1 & P2.
56	F	27H	2.5	38	2	73516-0000-000	950	Tr.
57	D	30L	2.5	44	2	73421-6000-000	800	Grid cap.
58	C	30L	2.5	45	2	73421-6000-000	1050	Grid cap.
59	F	40H	2.5	45	2	73452-1600-000	800	X2.
70A7	C	18H	70	39	4	07345-0610-000	1250	X3.
	A	--	70	33	R	10000-3700-000	--	Leak on 1 & 3.
70L7	C	18H	70	32	4	07345-1600-000	1220	X4.
	E	--	70	23	R	17000-0630-000	--	
71A	D	49H	5	35	1	73560-0000-000	1100	F.
75	F	20L	6.3	37	1	73001-6000-000	720	Grid cap.
	A	--	6.3	48	D	703P1-6000-000	--	P1 & P2.
76	F	33H	6.3	47	2	73516-0000-000	950	Tr.
77	D	28L	6.3	38	2	73421-6000-000	750	Grid cap.
78	D	28L	6.3	42	2	73421-6000-000	1100	Grid cap.
79	F	20L	6.3	37	2	7351P-6000-000	820	Grid cap; P1 & P2; X2.
80	E	--	5	25	R	7P360-0000-000	--	F; P1 & P2.
81	E	--	7.5	29	R	73060-0000-000	--	F.
82	E	--	2.5	25	R	7P360-0000-000	--	F; P1 & P2.
83-V	E	--	5	24	R	7P360-0000-000	--	F; P1 & P2.
84	E	--	6.3	24	R	7P316-0000-000	--	P1 & P2.
85	F	30L	6.3	38	2	73001-6000-000	710	Grid cap.
	A	--	6.3	47	D	703P1-6000-000	--	P1 & P2.
89	F	40H	6.3	42	2	73421-6000-000	1150	Grid cap.
112A	C	14H	5	38	1	73560-0000-000	1100	Tr; F.
117L7/M7	C	14H	115	37	4	07354-0610-000	1150	X3.
	E	--	115	25	R	17000-3600-000	--	

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
117N7	C	15H	115	44	B	07354-1600-000	1140	X4.
	E	-	115	23	R	06000-0730-000	-	Leak on 3.
117P7	C	12H	115	35	4	07354-1600-000	1150	X3.
	E	-	115	23	R	06000-0730-000	-	Leak on 3.
117Z3	E	-	115	25	R	00763-1000-000	-	
117Z4	E	-	115	25	\$	07003-0610-000	-	
117Z6	E	-	115	25	R	0731P-06K0-000	-	P1, K1 & P2, K2.
232	C	15L	6.3	48	2	73460-0000-000	450	F; Grid cap.
274A	E	-	5	28	R	7P360-0000-000	-	F; P1 & P2.
274B	E	-	5	28	R	07030-P060-000	-	F; P1 & P2.
275A	D	22H	4	45	4	73500-6000-000	900	F; X2.
300B	D	49H	5	39	4	73560-0000-000	1190	F; X3.
307A	D	30H	5	35	2	74502-6000-000	1140	Plate cap; F; X2.
311B	D	35H	10	44	4	73401-6000-000	900	Grid cap; X2.
313E	E	-	-	34	R	31000-P000-000	-	No leak check.
328A	D	16H	7.5	45	1	73421-6000-000	1040	Grid cap.
336A	D	20H	10	42	4	73451-6000-000	910	X3.
348A	D	29L	6.3	43	2	07342-0610-000	1170	Grid cap.
351A	E	-	6.3	25	R	0730P-0610-000	-	P1 & P2.
WE375A	D	17H	20	39	4	07345-0610-000	1020	X3.
401-A/5590	C	44L	6.3	45	2	51673-4K00-000	1330	X2; K1 & K2.
403B	D	21L	6.3	37	4	5K763-4100-000	1650	K1 & K2; X4.
404A	D	22L	6.3	41	B	50710-3046-000	1350	X6.
407A	D	19L	20	38	4	6KGP7-3516-000	1220	K1, P1, G1 & K2, P2, G2, X3.
408-A/6028	C	12L	20	35	2	51673-4K00-000	1240	X2; K1 & K2.
417A	D	18L	6.3	35	8	307G0-1506-000	1000	X16; G1 & G2.
GL502-A	E	H	6.3	22	R	07305-2610-000	-	Thyra; Fire 10-0 bias.
GL546	E	H	6.3	25	R	51762-0300-000	-	Thyra; Fire 10-0 bias.
NL714	E	H	2.5	30	R	60500-7000-000	-	Thyratron; Fire 8-0 bias Plate cap requires either special cap or jumper
Z729	D	20L	6.3	34	1	41176-3125-000	1170	Pe.
801A	F	45H	7.5	46	2	73560-0000-000	1040	F.
802	D	46H	6.3	45	1	71452-1600-000	720	Plate cap; X2.
807	F	34H	6.3	40	4	74516-0000-000	1300	Plate cap; X3.
809	F	0	6.3	42	4	70560-0000-000	980	Plate cap; F; X2.
811	F	22L	6.3	48	1	70560-0000-000	910	Plate cap; F.
812A	F	22L	6.3	46	4	70560-0000-000	810	Plate cap; F; X2.
815	D	32H	6.3	39	4	65147-1560-000	870	Plate cap left; Then plate cap right; X2
816	E	-	2.5	21	R	70060-0000-000	-	Plate cap; F.
836	E	-	2.5	23	R	70060-0000-000	-	Plate cap; F.
837	D	26H	13	45	4	71452-1600-000	870	Plate cap; X3.
841	F	14H	7.5	38	1	73560-0000-000	290	F.
842	F	49H	7.5	46	2	73560-0000-000	780	F.
866JR	E	-	2.5	23	R	63070-0000-000	-	F.
874	G	-	20	-	VR	70300-0000-000	-	Firing lim. 104 to 130V; 10V Reg. fil. 20 to 115.
884	B	H	6.3	32	R	27305-0610-000	-	Thyra; Fire 35-5 bias.
885	B	H	2.5	32	R	73516-0000-000	-	Thyra; Fire 35-5 bias.
950	D	41H	2	43	2	63547-0000-000	520	F.
CK-1005	E	-	6.3	22	R	2030P7060-000	-	P1 & P2; F.
1201	C	25L	6.3	39	1	5731G-KP60-000	970	P1, G1, K1 & P2, G2, K2.
1203A	A	-	6.3	40	D	70030-0160-000	-	
1204	C	20L	6.3	45	2	47315-K600-000	1170	K1 & K2.
1206	C	21L	6.3	42	4	73455-1360-000	680	X2.
1221	C	25L	6.3	39	1	5731G-KP60-000	970	K1, P1 & K2, P2.
1223	C	30L	6.3	38	1	07342-0610-000	800	Grid cap.
1231	C	16L	6.3	41	4	73421-5160-000	1260	X3.
1232	C	18L	6.3	36	4	73421-5160-000	980	X3.
1273	C	30L	13	38	1	73421-5160-000	840	
1274	E	-	6.3	25	R	2730P-0610-000	-	P1 & P2.
1280	C	30L	13	38	1	73421-5160-000	840	
1284	C	29L	13	44	2	73420-5160-000	1350	
1291	D	0	1.5	42	2	63570-GP60-000	1230	P1, G1 & P2, G2; F.
1293	C	0	1.5	43	2	63000-5070-000	840	F.
1294	A	-	1.5	45	D	70030-0160-000	-	
1299	C	45L	1.5	42	4	63400-5760-000	780	F; X2.
1603	C	30L	6.3	38	1	73421-6000-000	800	Grid cap.
1609	C	15L	1.1	39	1	63547-0000-000	940	F; X1/2.
1610	D	41H	2.5	41	1	73504-6000-000	820	F; X2.
1611	F	46H	6.3	34	2	27345-0610-000	830	X2.
1612	C	25L	6.3	44	2	27345-0610-000	830	Grid cap.
1613	F	46H	6.3	34	2	27345-0610-000	830	X3.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
1614	F	35H	6.3	40	4	07345-0610-000	1300	X3.
1616	E	-	2.5	23	R	70060-0000-000	-	F; Plate cap.
1619	F	25H	2.5	38	4	17345-0620-000	980	F; X3.
1629	D	31L	6.3	40	2	17342-0610-000	800	Grid cap.
1621	F	46H	6.3	34	2	27345-0610-000	830	X2.
1622	F	35H	6.3	40	4	07345-0610-000	1300	X3.
1624	F	33H	2.5	30	2	74506-0000-000	1000	F; Plate cap; X2.
1625	F	34H	13	40	4	70450-1600-000	1300	Plate cap; X3.
1626	F	27H	13	34	2	27305-0610-000	690	X2.
1629	E	H	13	-	E	07535-0610-000	-	Bias must vary shadow.
1631	F	35H	13	40	4	07345-0610-000	1300	X3.
1632	C	20H	13	40	8	27345-0610-000	1030	X6.
1633	F	21H	27.5	44	4	GPKE53-1760-000	810	K1, P1, G1 & K2, P2, G2; X2.
1634	F	20L	13	45	2	235GP-1760-000	880	P1, G1 & P2, G2.
1635	F	0	6.3	48	2	2735G-P600-000	980	P1, G1 & P2, G2.
1641/RK-60	E	-	5	25	R	60070-0000-000	-	Plate cap; Each section; F.
1642	F	41H	6.3	38	1	713GP-K600-000	890	P1, G1, K1 & P2, G2, K2; Grid cap.
1644	D	20H	13	43	2	51GP4-7630-000	910	P1, G1 & P2, G2; X3.
1655	F	20L	6.3	45	2	235GP-1760-000	880	P1, G1 & P2, G2.
1657	E	H	6.3	26	R	07305-2610-000	-	Thyra; Fire 15-0 bias.
1659	F	19L	2.5	38	1	73001-6000-000	720	Grid cap.
	A	-	2.5	48	D	703P1-6000-000	-	P1 & P2.
1662	C	21H	1.5	41	2	63457-P600-000	1250	F; P1 & P2.
1680	C	19L	6.3	43	2	51763-4200-000	1350	Grid #1.
	C	0	6.3	43	2	21763-4500-000	720	Grid #3.
1851	D	16L	6.3	35	8	17342-0610-000	1150	Grid cap; X5.
1852	D	16L	6.3	35	8	17251-4630-000	1150	X5.
1853	D	16L	6.3	33	4	17351-4630-000	1090	X3.
2050	E	H	6.3	26	R	07305-2610-000	-	Thyra; Fire 15-0 bias.
2051	E	H	6.3	26	R	07305-2610-000	-	Thyra; Fire 15-0 bias.
5516	F	30H	6.3	40	4	07405-0620-000	980	Plate cap; F; X2.
5517	E	-	70	33	R	60040-0000-000	-	Plate cap; No leak test.
5556	F	48H	3.3	42	1	73560-0000-000	850	F.
5557	E	L	2.5	33	-	70560-0000-000	-	Plate cap; Thyra; Fire 35-30 bias.
5591	D	19L	6.3	42	4	5K763-4100-000	1650	Pe; K1 & K2; X2.
5608A	F	15H	2.5	40	2	7351G-P600-000	780	P1, G1 & P2, G2; X2.
5610	C	16L	6.3	40	4	3176P-5000-000	870	P1 & P2; X3.
5618	C	20H	6.3	43	4	73420-5600-000	1170	F; X2.
5651	G	-	6.3	-	VR	310KP-0000-000	-	Firing lim. 100 to 115V; 3V Reg, fil. 6.3 to 1.5V; K1, P1 & K2, P2.
5654	D	20L	6.3	45	8	51763-4K00-000	1100	K1 & K2; X3.
5656	D	23L	6.3	45	8	45G76-KP31-000	1260	K1, P1, G1 & K2, P2, G2; X3.
5659	F	31H	13	45	4	07345-0610-000	970	X2.
5660	C	30L	13	46	2	27300-4610-000	860	Grid cap.
	A	-	13	46	D	2703P-0610-000	-	P1 & P2.
5661	C	29L	13	45	2	17251-4630-000	1350	
5662	B	H	6.3	35	R	5176K-0300-000	-	Thyra; Fire 10-0 bias; K1 & K2.
5663	E	H	6.3	22	R	51762-0300-000	-	Thyra; Fire 10-0 bias.
5670	D	20L	6.3	34	4	7KGP0-3516-000	870	K1, P1, G1 & K2, P2, G2; X4.
5679	E	-	6.3	25	R	73100-PK60-000	-	P1, K1 & P2, K2.
5686	F	29H	6.3	31	2	15176-43K0-000	975	X2; K1 & K2.
5687	D	13H	6.3	38	4	PGK77-1563-000	1340	K1, P1, G1 & K2, P2, G2; X4.
5690	E	-	6.3	25	R	7631P-76K0-000	-	P1, K1 & P2, K2.
5691	F	18L	6.3	45	2	GPKE53-1760-000	1040	K1, P1, G1 & K2, P2, G2.
5692	F	18H	6.3	28	2	GPKE53-1760-000	840	K1, P1, G1 & K2, P2, G2; X2.
5693	C	25L	6.3	45	2	17251-4630-000	1020	Pe; X1.
5694	F	44L	6.3	44	2	1735G-P6K0-000	1000	P1, G1, K1 & P2, G2, K2.
5696	E	H	6.3	22	R	51762-3000-000	-	Thyra; Fire 10-0 bias.
5722	A	-	2.5	44	D	30660-P700-000	-	F; P1 & P2.
5725	D	23L	6.3	28	2	51763-4200-000	1040	Pe; Whole tube; X2.
5726	A	-	6.3	39	D	K3761-2P00-000	-	P1, K1 & P2, K2.
5727	E	H	6.3	25	R	51762-3000-000	-	Thyra; Fire 10-0 bias.
5732	D	33L	6.3	43	2	17342-0610-000	1070	Grid cap.
5749	C	10L	6.3	33	4	52763-4100-000	960	X3.
5750	C	11L	6.3	42	4	51763-4500-000	750	Whole tube.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
5751	F	26L	6.3	41	1	PGK77-3516-000	780	K1, P1, G1 & K2, P2, G2.
5763	F	20H	5.3	34	4	30276-415G-000	1150	G1 & G2; X4.
5787	G	-	27.5	-	VR	13K00-0000-000	-	Firing lim. 100-145V; 1V Reg. fil. 27.5 to 115V; K1 & K2.
5812	F	49H	6.3	46	8	52663-4700-000	890	F; X3.
5814	D	18H	6.3	41	1	PGK77-3516-000	720	K1, P1, G1 & K2, P2, G2; X2.
5823	E	-	-	29	R	30130-0100-000	-	No leak check.
5824	D	45H	27.5	36	4	07345-0610-000	1080	X3.
5838	E	-	13	26	R	0730P-0610-000	-	P1 & P2.
5839	E	-	27.5	26	R	073KP-0610-000	-	P1, K1 & P2, K2.
5842	D	18L	6.3	35	8	307G0-1506-000	1000	G1 & G2; X16.
5844	C	20L	6.3	43	4	3P76G-5100-000	1100	P1, G1 & P2, G2; X2.
5845	B	-	5	44	D	P0763-0000-000	-	P1 & P2; F.
5847	D	22L	6.3	41	8	50710-3046-000	1350	X6.
5852	E	-	6.3	25	R	0730P-0610-000	-	P1 & P2.
5871	F	30H	6.3	44	4	07345-0610-000	1220	X2.
5879	C	20L	6.3	40	1	50176-0432-000	650	
5881	F	35H	6.3	44	4	07345-0610-000	1300	Pe; X3.
5910	C	0	1.5	43	2	7340K-5600-000	580	F; K1 & K2.
5913	A	-	1.1	36	D	33637-0000-000	-	F.
5915	C	11L	6.3	44	2	51763-4200-000	1300	Grid #1 test.
	C	14H	6.3	44	2	21763-4500-000	720	Grid #3 test.
5920	C	7L	6.3	27	4	P3765-G100-000	1190	P1, G1 & P2, G2; X3.
5930	F	48H	2.5	45	4	73560-0000-000	1140	F; X3.
5931	E	-	5	25	R	07030-P060-000	-	F; P1 & P2.
5932	F	35H	6.3	40	4	07345-0610-000	1300	X3.
5933	F	34H	6.3	40	4	74516-0000-000	1300	Plate cap; X3.
5961	C	9L	6.3	45	2	27345-1650-000	1100	Whole tube.
5963	C	12L	6.3	45	4	PGK77-3516-000	1040	K1, P1, G1 & K2, P2, G2, X2.
5964	C	10L	6.3	30	4	P3765-G100-000	970	P1, G1 & P2, G2; X4.
5965	D	18L	6.3	30	4	PGK77-3516-000	1060	K1, P1, G1 & K2, P2, G2; X4.
5992	F	30H	6.3	44	4	27345-0610-000	1220	X2.
5993	E	-	6.3	26	R	30701-060P-000	-	P1 & P2.
5998	C	25H	6.3	40	4	GPK53-1760-000	975	K1, P1, G1 & K2, P2, G2, X10.
6005	F	29H	6.3	28	2	51763-4G00-000	1330	G1 & G2; X2.
6006	D	25L	6.3	46	4	2715K-4630-000	1300	K1 & K2; X2.
6007	A	-	1.1	36	D	33637-0000-000	-	F.
6012	E	L	6.3	28	R	17503-0650-000	-	Thyra; Fire 11-0 bias
6046	C	20H	27.5	40	8	27345-0610-000	1030	X6.
6057	F	20L	6.3	47	2	35177-PGK6-000	1050	P1, G1, K1 & P2, G2, K2.
6058	A	-	6.3	36	D	K3761-2P00-000	-	P1, K1 & P2, K2
6059	D	31L	6.3	40	2	17342-0610-000	800	Grid cap.
6060	F	20L	6.3	36	4	PGK77-3516-000	1200	K1, P1, G1 & K2, P2, G2, X3.
6061	F	30H	6.3	44	4	5G176-0342-000	1220	G1 & G2; X2.
6063	E	-	6.3	26	R	30760-P100-000	-	P1 & P2.
6066	F	28L	6.3	35	1	51760-0300-000	780	Tr.
	A	-	6.3	45	D	01763-P000-000	-	P1 & P2.
6067	F	20H	6.3	29	2	PGK77-3516-000	1200	K1, P1, G1 & K2, P2, G2; X2.
6072	F	37L	6.3	45	2	35166-PGK7-000	1150	P1, G1, K1 & P2, G2, K2.
6073	G	-	47	-	VR	PK013-0000-000	-	Firing lim. 150 to 185V; 4V Reg. fil. 47 to 115V; K1, P1 & K2, P2.
6074	G	-	20	-	VR	PK013-0000-000	-	Firing lim. 105 to 133V; 2V Reg. fil. 20 to 70V; K1, P1 & K2, P2.
6080	C	29H	6.3	41	2	GPK53-1760-000	1220	K1, P1, G1 & K2, P2, G2; X4
6082	C	29H	27.5	41	2	GPK53-1760-000	1220	K1, P1, G1 & K2, P2, G2; X4.
6084	D	22L	6.3	39	2	40176-3025-000	1200	
6085	F	13H	6.3	42	4	PGK77-3516-000	880	K1, P1, G1 & K2, P2, G2; X2.
6087	E	-	5	28	R	06030-P070-000	-	F.
6095	F	29H	6.3	28	2	51763-4G00-000	1330	G1 & G2; X2.
6096	D	15L	6.3	42	4	51763-4K00-000	1100	K1 & K2; X2.
6101	C	10L	6.3	35	4	3P76G-5100-000	1300	P1, G1 & P2, G2; X3.
6113	F	22L	6.3	46	2	531GP-K760-000	1040	P1, G1, K1 & P2, G2, K2.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
6134	D	16L	6.3	36	8	17251-4630-000	1150	X5.
6135	F	20H	6.3	44	2	3076P-5100-000	1430	P1 & P2.
6136	C	10L	6.3	42	4	52763-4100-000	1250	X2.
6137	C	29L	6.3	43	2	17251-4630-000	760	X2.
6146	D	50H*	6.3	38	4	K7415-0600-000	1525	Insert 0-100ma meter in plate lead. *Adjust bias for 55ma plate current - Then test for Gm; K1 & K2; X3.
6159	C	37H	27.5	32	2	17415-0600-000	1350	X2.
6174	E	-	-	30	R	11030-1100-000	-	Rect; No leak test.
6188	F	17L	6.3	33	1	GPk53-1760-000	1050	K1, P1, G1 & K2, P2, G2.
6197	D	29L	6.3	30	8	15476-314G-000	710	Pe; G1 & G2; X10.
6201	F	20L	6.3	38	4	PGK77-3516-000	1200	K1, P1, G1 & K2, P2, G2; X3.
6202	E	-	6.3	27	R	30760-P100-000	-	P1 & P2.
6203	E	-	6.3	26	R	30076-010P-000	-	P1 & P2.
6211	C	19L	6.3	44	4	PGK77-3516-000	1150	K1, P1, G1 & K2, P2, G2; X2.
6215	E	-	1.1	48	D	07000-0600-000	-	Plate cap; F.
6216	C	15H	6.3	42	8	35176-P4K0-000	1150	P1, K1 & P2, K2; X5.
6227	F	45L	6.3	24	4	05176-0342-000	1250	X5.
6265	C	11L	6.3	37	4	51763-4200-000	1000	X3.
6267	D	20L	6.3	34	1	41176-3125-000	1170	Pe; X1.
6336	D	43H	6.3	40	2	GPk53-1760-000	1430	K1, P1, G1 & K2, P2, G2; X5.
6350	D	11H	6.3	34	4	PKG77-3156-000	770	K1, P1, G1 & K2, P2, G2; X4.
6360	D	17H	6.3	36	2	51G77-34P6-000	1070	P1, G1 & P2, G2; X2.
6386	C	18L	6.3	46	4	7KGP0-3516-000	1300	K1, P1, G1 & K2, P2, G2; X2.
6414	D	10L	13	24	4	PGK76-3510-000	900	K1, P1, G1 & K2, P2, G2; Twin Tr; X4.
6417	F	15H	13	45	8	30276-415G-000	1150	Pe; G1 & G2; X4.
6463	F	20L	6.3	35	4	PKG77-3156-000	1100	K1, P1, G1 & K2, P2, G2; X3.
6485	D	12L	6.3	25	4	52763-4100-000	1460	Pe; X4.
6550	F	26H	6.3	44	8	07345-0610-000	1430	Pe; X5.
6626	G	-	47		VR	PK013-0000-000	-	Firing lim. 150 to 185V; 4V Reg. fil. 47 to 115V; K1, P1 & K2, P2.
6660	C	10L	6.3	33	4	52763-4100-000	960	X3.
6661	C	11L	6.3	40	4	51763-4200-000	1100	X2.
6662	C	10L	6.3	43	4	51763-4200-000	1170	X2.
6663	A	-	6.3	36	D	K3761-2P00-000	-	P1, K1 & P2, K2.
6669	F	36H	6.3	33	2	51763-4G00-000	1200	G1 & G2; X2.
6677	D	31L	6.3	37	8	15476-320G-000	1190	G1 & G1; X6.
6678	D	9L	6.3	27	4	05476-3100-000	1130	X3; Pentode.
	D	11L	6.3	31	4	30076-0015-000	1380	X4; Triode.
6688	D	9L	300	27	8	K5176-0324-000	1340	K1 & K2; X8.
6829	D	17L	6.3	40	4	PGK77-3516-000	1450	K1, P1, G1 & K2, P2, G2; X3.
6883	C	37H	6.3	32	2	17415-0600-000	1350	X2; plate cap.
6686	F	35L	6.3	20	4	05176-0342-000	1250	Pe; X5.
6888	C	7L	6.3	30	2	07251-4630-000	1120	Pe; X3.
6900	D	42L	6.3	43	8	PGK77-1563-000	1250	K1, P1, G1 & K2, P2, G2.
6919	A	-	6.3	38	D	1P76K-0300-000	-	Di; K1, P1 & K2, P2.
6922	C	13L	6.3	40	8	PGK76-3512-000	1350	K1, P1, G1 & K2, P2, G2; X6.
6955	F	19H	6.3	45	2	PGK77-3516-000	1550	K1, P1, G1 & K2, P2, G2.
6973	F	34H	6.3	23	2	40576-5143-000	1040	Pe; X3.
7000	D	31L	6.3	40	2	17342-0610-000	800	Grid cap.
7025	F	19L	6.3	36	1	PGK77-3516-000	1040	K1, P1, G1 & K2, P2, G2.
7027	F	50H	6.3	35	2	4730G-5610-000	1300	Pe; G1 & G2.
7036	C	30L	300	40	1	51763-4200-000	1560	Grid #1 test.
	C	35L	300	43	2	21763-4500-000	1100	Grid #3 test.
7044	D	29L	6.3	39	4	PGK77-1563-000	1300	K1, P1, G1 & K2, P2, G2; Twin Tr; X5.
7054	F	25L	13	34	8	15276-0342-000	1100	Pe; X6.
7056	D	10L	13	43	8	51763-4200-000	1300	Pe; X4.
7059	D	15L	13	41	4	05476-3100-000	1125	Pe; X3.
	D	10L	13	35	4	30076-0015-000	1380	Tr; X4.
7060	D	11L	13	35	4	35176-0000-000	1050	Tr; X3.
	D	13L	13	24	4	00076-3451-000	1000	P3; X4.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
7061	F	28H	13	35	2	40576-5143-000	1370	X2.
7167	C	13L	13	38	8	51763-4K00-000	1050	Tet; K1 & K2; X5.
7174	D	26L	6.3	46	4	2715K-4630-000	1500	Whole tube.
7189	F	17H	6.3	38	8	05176-0304-000	1450	Pe; X5.
7193	F	26H	6.3	45	2	07000-0610-000	980	Plate cap front; Grid cap rear; X2.
7199	D	14L	6.3	41	4	03476-1500-000	1500	Pe; X3.
	F	22H	6.3	32	1	30076-0015-000	1400	Tr.
7247	F	19L	6.3	40	1	00077-3516-000	1040	Tr; X1.
	F	17H	6.3	31	1	35177-0006-000	1430	Tr; X1.
7258	D	10L	13	43	8	00076-3451-000	1270	Pe; X4.
	D	26L	13	45	4	35176-0000-000	1330	Tr; X2.
7316	F	17H	300	42	2	PGK77-3516-000	1430	K1, P1, G1 & K2, P2, G2.
7355	F	35H	6.3	33	4	07301-5640-000	1230	Pe; X4.
7360	D	12L	6.3	31	4	14576-3223-000	1170	Whole tube.
7408	F	30H	6.3	38	4	07345-0610-000	900	Pe; X3.
7543	C	11L	6.3	36	4	51763-4100-000	1250	Pe; X3.
7551	F	45H	13	32	2	K5476-3201-000	1300	Pe; K1 & K2; X2.
7581	F	38H	6.3	46	B	07345-0610-000	1020	X4.
7586	O	7L	6.3	36	2	03050-0010-706	1140	Tr; X4.
7587	O	3L	6.3	41	B	04050-0010-706	1160	Tet; X6.
7591	F	19H	6.3	37	B	07341-5640-000	1100	Pe; X6.
7643	D	15L	6.3	45	B	05476-3100-000	1105	Pe; X2.
	D	10L	6.3	39	4	30076-0015-000	1300	Tr; X3.
7687	F	23H	6.3	45	2	30076-0015-000	1620	Tr.
	D	10L	6.3	38	4	05476-3100-000	1250	Pe; X3.
7695	D	22H	47	41	B	40076-5103-000	1190	Pe; X6.
7700	C	30L	6.3	38	1	73421-6000-000	800	Grid cap.
7701	F	20H	13	44	4	K5176-3414-000	1170	Pe; K1 & K2; X2.
7716	D	22L	13	43	B	00076-1543-000	1300	Pe; X5.
	D	10L	13	42	2	15376-0000-000	940	Tr; X2.
7754	D	22H	6.3	41	8	40076-5103-000	1190	Pe; X6.
7788	D	15L	6.3	16	B	K5176-4320-000	1300	Pe; X25.
7868	F	17H	6.3	43	8	45176-G403-000	1375	Pe; G1 & G2; X4.
7895	C	9L	6.3	32	4	03050-0010-706	1370	Tr; X4.
7898	F	10L	13	29	4	PGK76-3510-000	1300	Tr #1 & #2, K2, P1, G1, K2, P2, G2.
7905	F	50H	3.3	33	1	75466-3207-000	1300	Pe; F.
79B4	C	38L	13	40	B	71333-1411-546	1250	Pe; X7.
8013	E	-	2.5	46	R	70060-0000-000	-	Plate cap; F.
B016	E	-	1.1	38	D	06000-0700-000	-	Plate cap; F.
B032	D	50H	13	41	4	K7415-0600-000	1300	K1 & K2.
B05B	C	6L	6.3	39	8	5K010-0010-706	1000	Connect jumper from pin #1 of any socket to chassis near nuvistor socket; Tr; K1 & K2; X8.
B068	D	10H	6.3	39	4	07105-0640-000	1235	Pe; X2.
B077	F	25L	13	34	B	15276-5242-000	1100	Pe; X2.
8102	C	10L	13	40	4	00076-3415-000	1300	Pe; X3.
	C	10L	13	38	4	31576-0000-000	1300	Tr; X4.
8106	F	14H	13	39	B	3K476-1541-000	1170	Pe; K1 & K2; X5.
8113	C	10L	6.3	31	4	5K763-4100-000	1230	Pe; K1 & K2; X3.
8156	D	15H	300	44	8	7KP33-1411-546	1230	Pe; K1, P1 & K2, P2; X4.
8278*	F	40H	6.3	31	4	4KG76-1503-000	1250	Magnoval*Pe; K1, G1 & K2, G2.
8417	F	30H	6.3	5	2	07345-0610-000	1200	Pe; X11.
9001	C	19L	6.3	39	2	51763-4K00-000	910	K1 & K2.
9002	F	17H	6.3	44	4	3176P-5K00-000	670	P1, K1 & P2, K2; X2.
9003	D	36L	6.3	44	2	51763-4K00-000	1170	K1 & K2.
9006	A	-	6.3	40	D	3176P-0K00-000	-	P1, K1 & P2, K2.
FM1000	D	29L	6.3	43	4	75134-5160-000	650	
RK-61	B	H	1.5	44	R	36570-0000-000	-	Thyra; Fire 12-0 bias.
VR75	G	-	5	-	VR	01003-0000-000	-	Firing lim. 75 to 105V; 40V Reg, fil. 5 to 70V.
VR90	G	-	13	-	VR	01003-0000-000	-	Firing lim. 90 to 125V; 6V Reg, fil. 13 to 70V.
VR105	G	-	20	-	VR	01003-0000-000	-	Firing lim. 105 to 133V; 1V
VR150	G	-	47	-	VR	01003-0000-000	-	2V Reg, fil. 10 to 115V. Firing lim. 150 to 185V; 4V Reg, 47 to 115V.
XXD	F	25H	13	47	4	7KPG5-3160-000	690	K1, P1, G1 & K2, P2, G2; X2.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
XXFM	F	12L	6.3	45	2	73510-0060-000	980	
	A	-	6.3	40	D	70013-PK60-000	-	P1, K1 & P2, K2.
XXL	F	18H	6.3	44	4	73000-5160-000	840	X2.
SUBMINIATURE TUBES								
1AC5	B	--	1.1	37	D	05076-0340-000	--	F.
1AD4	B	--	1.1	44	D	33716-0000-000	--	F.
1AD5	B	--	1.1	44	D	05076-0340-000	--	F.
1AG4	C	30H	1.1	44	2	34657-0000-000	650	F.
1AH4	C	9H	1.1	34	1	34756-0060-000	500	F; X1.
1AJ5	A	--	1.1	46	D	00370-6000-000	--	F.
	C	15H	1.1	46	1	34075-6000-000	550	F; X1/2.
1AK4	C	28L	1.1	45	1	34756-0000-000	480	Pe; F.
1C8	B	--	1.1	42	D	01076-3400-000	--	F.
1E8	B	--	1.1	32	D	01076-3310-000	--	F.
1M3	E	H	1.5	--	E	50076-0030-000	--	Bias must vary shadow.
1N3	E	H	1.5	--	E	50076-0030-000	--	Bias must vary shadow.
1Q6	C	3L	1.1	42	2	05076-0340-000	390	F.
	A	--	1.1	48	D	00076-3000-000	--	F.
1T6	B	--	1.1	47	D	30576-0040-000	--	F.
	A	--	1.1	48	D	00076-3000-000	--	F.
1V5	C	45L	1.1	43	2	05076-0340-000	490	F.
1V6	B	0	1.1	10	D	33670-0600-000	--	F; Pentode.
	B	0	1.1	30	D	00073-3600-000	--	F; Triode.
1W5	C	0	1.1	46	2	05076-0340-000	450	F.
2E31	A	-	1.1	49	D	33716-0000-000	-	F.
2E32	A	-	1.1	49	D	33716-0000-000	-	F.
2E35	B	-	1.1	45	D	33716-0000-000	-	F.
2E36	B	-	1.1	45	D	33716-0000-000	-	F.
2E41	B	-	1.1	48	D	34061-7000-000	-	F.
2E42	B	-	1.1	48	D	34061-7000-000	-	F.
2G21	B	-	1.1	47	D	30160-0700-000	-	F; Tr.
	B	-	1.1	45	D	03164-3700-000	-	F; Heptode.
2G22	B	-	1.1	47	D	30160-0700-000	-	F; Tr.
	B	-	1.1	45	D	03164-3700-000	-	F; Heptode.
6AD4	C	10L	6.3	44	2	50701-6030-000	1300	
6AK4	D	13H	6.3	45	4	50701-6030-000	1250	X2.
6AZ5	A	--	6.3	41	D	PK710-6130-000	--	Di; P1, K1 & P2, K2.
6BA5	C	19L	6.3	42	2	50703-6410-000	1400	
6BF7	C	10L	6.3	46	8	PG7K1-6530-000	1040	K1, P1, G1 & K2, P2, G2; X3.
6BG7	C	9L	6.3	40	4	PG7K1-6530-000	1040	K1, P1, G1 & K2, P2, G2; X3.
6K4	D	35L	6.3	40	4	35761-0000-000	1100	X2.
CK-501-AX	B	--	1.1	46	D	33716-0000-000	--	F.
510AX	A	--	.65	43	D	33363-3700-000	--	Emission Test; F.
512AX	A	--	.65	47	D	33736-0000-000	--	No leak test.
524AX	A	-	1.1	47	D	33617-0000-000	-	F.
526AX	O	22L	1.1	44	1	34657-0000-000	260	Pe; F.
52BAX	B	-	1.1	47	D	33716-0000-000	-	F.
532AX	B	-	1.1	46	D	33716-0000-000	-	F.
533AX	B	-	1.1	46	D	33716-0000-000	-	F.
536AX	B	-	1.1	46	D	33716-0000-000	-	F.
537AX	B	-	1.1	38	D	33716-0000-000	-	F.
539DX	B	-	1.1	45	D	33716-0000-000	-	F.
547D	B	-	1.1	48	D	33716-0000-000	-	F.
54BDX	A	-	1.1	41	D	33736-0000-000	-	Pe.
606B	A	-	6.3	34	D	37610-0000-000	-	
608CX	B	-	6.3	31	D	37611-0000-000	-	
5636	C	13L	6.3	42	4	51723-64K0-000	1050	K1 & K2; 1st grid.
	C	15L	6.3	40	2	51753-6410-000	850	1st & 3rd grid; X2.
5639	C	25L	6.3	36	8	517K3-6400-000	1000	X6; K1 & K2.
5642	B	-	1.1	41	D	70000-0600-000	-	Use submin. soc. pins 1 & 7; Plate cap;
5643	B	H	6.3	26	R	32721-6520-000	-	Thyra; Fire 5-0 bias.
5647	A	-	6.3	44	D	71360-0000-000	-	Diode.
5672	C	18H	1.1	42	2	34657-0000-000	490	F.
5676	C	45L	1.1	45	1	37560-0000-000	1040	F.
5677	C	45L	1.1	44	1	37560-0000-000	550	F.
5678	B	-	1.1	42	D	33716-0000-000	-	F.
5702	C	15L	6.3	33	4	34762-1500-000	910	X3.
5703	B	-	6.3	31	D	37611-0000-000	-	

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R.P.	REMARKS
5704	A	-	6.3	34	D	37610-0000-000		
5718	C	14L	6.3	37	4	50701-6030-000	1250	X3.
5719	C	10L	6.3	45	2	50701-6030-000	1100	
5744	F	20L	6.3	45	4	37651-0000-000	1300	X2.
5783	G	-	7.5	-	VR	1030K-0000-000	-	Firing lim. 100-125V, 2V Reg, fil. 7.5 to 20V, K1 & K2.
5784	C	15L	6.3	44	4	34762-1500-000	850	Whole tube; X2.
5785	A	-	1.1	45	D	30000-7600-000	-	F.
5829	A	-	6.3	35	D	PK716-3100-000	-	P1, K1 & P2, K2
5840	C	15L	6.3	41	8	517K3-6400-000	810	K1 & K2; X4.
5851	A	-	2.5	43	D	70300-3610-000	-	F.
5854	A	-	1.1	35	D	33736-0000-000	-	F.
5875	A	--	1.1	46	D	33716-0000-000	--	F.
5886	A	--	1.1	41	D	33763-0000-000	--	No leak test.
5896	A	--	6.3	46	R	3170P-6K00-000	--	P1, K1 & P2, K2.
5897	C	12L	6.3	44	8	50701-6030-000	950	X4.
5899	C	10L	6.3	45	8	51713-6400-000	1000	X3.
5902	C	20H	6.3	41	4	517K3-6400-000	910	K1 & K2; X3.
5904	C	12H	27.5	38	2	50701-6030-000	970	Tr; X3.
5905	C	13H	27.5	37	2	51713-6410-000	925	Pe; X2.
5971	D	25L	1.1	45	4	357G6-0000-000	700	F; G1 & G2; X6.
5975	C	27L	6.3	40	4	31576-0000-000	1100	X3.
5977	C	28L	6.3	38	4	50701-6030-000	980	X3.
5987	C	41H	6.3	38	1	536P1-7030-000	1175	P1 & P2.
6021	C	10L	6.3	36	4	PG7K1-6530-000	1150	K1, P1, G1 & K2, P2, G2, X3.
6029	C	40L	1.1	45	2	37560-0000-000	1350	F.
6050	D	15H	1.1	44	2	37560-0000-000	1050	F.
6088	A	-	1.1	36	D	33637-0000-000	-	F.
6110	B	-	6.3	26	R	3170P-6K00-000	-	P1, K1 & P2, K2.
6111	C	20L	6.3	40	4	PG7K1-6530-000	1000	K1, P1, G1 & K2, P2, G2; X3.
6112	D	10L	6.3	37	4	PG7K1-6530-000	810	K1, P1, G1 & K2, P2, G2; X2.
6205	C	12L	6.3	44	8	51723-64K0-000	1050	K1 & K2; X3.
6247	F	23L	6.3	34	1	G57P1-6030-000	1720	P1, G1 & P2, G2.
6286	C	37L	1.1	36	1	37560-0000-000	1360	Tr; F.
6397	D	22H	2.5	44	2	70300-4650-000	1260	Pe; X1.
6533	D	16L	6.3	35	1	PG531-7630-000	1170	P1, G1 & P2, G2.
6788	C	10L	6.3	46	2	517K3-6410-000	700	Pe; K1 & K2.

Each roll chart, supplied as a part of the Model TT-1 Tube Tester Kit, contains data for checking tubes generally encountered in normal service work. The supplementary list was compiled for the purpose of keeping the physical length of the regular chart at a minimum.

AMERICAN EQUIVALENTS TO EUROPEAN TUBE TYPES

The following European tube types may be checked on the Heathkit tube testers, using the information listed on the chart or supplement for the American Equivalent.

European No.	American No.	European No.	American No.	European No.	American No.
DA90	1A3	EBC91	6AV6	EL41	6CK5
DAC32	1H5	EBF80	6N8	EL80	6M5
DAF91	1S5	EBF81	6AD8	EL83	6CK6
DAF92	1U5	EFB89	6DC8	EL84	6BQ5
DCC90	3A5	EC80	6Q4	EL86	6CW5
DCF60	1V6	EC81	6R4	EL90	6AQ5
DF33	1N5	EC84	6AJ4	EL95	6DL5
DF62	1AD4	EC90	6C4	EL180	12BY7
DF91	1T4	EC92	6AB1	EM34	6CD7
DF92	1L4	EC94	6AF4	6M81	6FG6
DF904	1U4	EC95	6ER5	EQ80	6BE7
DH63	6Q7	EC97	6FY5	EY88	6AL3
DH74	12Q7	EC900	6HM5	EZ35	6X5
DH76	12Q7	ECC81	12AT7	EZ80	6X1
DH77	6AT6	ECC82	12AU7	EZ81	6CA1
DH81	7B6	ECC83	12AX7	EZ90	6X1
DH149	7C6	ECC85	6AQ8	GZ30	5Z1
DH719	6AK8	ECC88	6DJ8	GZ32	5V4
DK32	1A7	ECC91	6J6	GZ31	5AR1
DK91	1R5	ECC180	6BQ7	HAA91	12AL5
DK96	1AB6	ECC189	6ES8	HABC80	19T8
DL29	3D6	ECC230	7581	HBC90	12AT7
DL33	3Q5	ECF80	6BL8	HBC91	12AV6
DL35	1C5	ECF82	6U8	HF93	12BA6
DL36	1Q5	ECF86	6HG8	HF94	12AU6
DL92	3S4	ECH80	6AN7	HK90	12BE6
DL93	3A4	ECH81	6AJ8	HL90	19AQ5
DL94	3V4	ECL82	6BM8	HL92	50C5
DL95	3Q4	ECL84	6DX8	HY90	35W4
DL96	3C4	ECL85	6GV8	KT32	25W6
DL98	3B4	ECL86	6GW8	KT63	6F6
DM70	1M3	EF80	6BX6	KT66	7581
DM71	1N3	EF81	6BH5	KT71	50L6
DP61	6AK5	EF86	6267	KT77	6CA7
DY30	1B3	EF89	6DA6	KT88	6550
DY70	5642	EF91	6AM6	KTW61	6S7
DY80	1X2	EF92	6CQ6	PCF82	91F8
DY87	1S2	EF93	6BA6	PL81	21A6
E80CC	6085	EF94	6AU6	UAA91	12AL5
E80F	6084	EF95	6AK5	XC95	2ER5
E80L	6227	EF96	6AG5	XCC82	7AU7
E88CC	6922	EF183	6EH7	XCF80	4BL8
E90CC	5920	EF184	6EL7	XF184	3FJ7
E90F	6BH6	EF190	6CJ36	XL84	8BQ5
E99F	6BJ6	EH90	6CS6	Z729	6267
E180F	6688	EK90	6BE6	85A2	0G3
EAA91	6AL5	EL34	6CA7	108C1	0B2
EABC80	6AK8	EL36	6CM5	150C2	0A2
EB91	6AL5	EL37	6L6	150C3	0D3
EBC90	6AT6	EL38	6CN6		