

# 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	01003-0000-000	—	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	D	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.
	A	—	1.5	48	D	70300-0600-000	—	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.
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.
	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.
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.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
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.
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	73454-5060-000	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	520	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.
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
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.
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.
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.
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.
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.
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.
2T4	C	28L	600	44	8	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	07000-0600-000	—	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.
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.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
3B4	C	22H	1.1	43	2	47666-0300-000	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.
3B28	E	—	5	20	R	70060-0000-000	—	F; Special plate cap.
3B29	E	—	2.5	34	R	60070-0000-000	—	Plate cap; F.
3BE6	C	11L	600	42	4	51763-4500-000	1200	Whole tube; X3.
3BY6	C	42L	600	37	1	51673-4100-000	1240	First grid.
	C	45L	600	33	2	11673-4500-000	650	Third grid; X1/2.
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	850	F; P1, G1 & P2, G2.
3CE5	D	14L	600	33	4	51763-4K00-000	1230	Pe; K1 & K2; X4.
3D6	C	45L	1.5	42	4	63400-5760-000	780	F; X2.
3D21B	D	21H	6.3	39	4	76040-5610-000	1200	Pe; X3.
3E5	C	18H	1.5	41	2	63407-5600-000	980	F.
3E6	C	0	1.5	40	2	63427-5060-000	1300	F.
3LE4	C	23H	1.5	41	2	63400-5760-000	1100	F.
3LF4	C	45L	1.5	41	2	63400-5760-000	1300	F.
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 & P2.
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.
4BE6	C	8L	450	41	4	51763-3000-000	1570	Whole tube; X3.
4BZ8	D	14L	600	44	8	PGK76-3511-000	1300	K1, P1, G1 & K2, P2, G2; X4.
4CE5	D	10L	450	42	8	51763-4K00-000	1140	Pe; K1 & K2; X5.
4K6	F	46H	600	44	2	07345-0610-000	1360	
5A6	D	29H	2.5	42	8	30266-4507-000	930	F; X3.
5AX4/5AZ4	E	—	5	25	R	07030-P060-000	—	F; P1 & P2.
5BS8	D	17L	450	44	8	PGK76-3510-000	1170	K1, P1, G1 & K2, P2, G2; X4.
5BZ7	D	19L	450	41	4	PGK76-3510-000	1430	K1, P1, G1 & K2, P2, G2; X3.
5CM8	F	20L	600	37	1	30076-0015-000	1300	Tr.
	F	17L	600	34	8	05176-3400-000	1000	Pe; X4.
5T4	E	—	5	25	R	07030-P060-000	—	F; P1 & P2.
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.
5Y4	E	—	5	25	R	0030P-0760-000	—	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.
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.
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.
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.
6AH5	F	35H	6.3	40	4	27345-0610-000	1300	X3.
6AH7	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	810	K1 & K2; X2.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
6AJ7	D	16L	6.3	35	8	17251-4630-000	1150	X5.
6AJ8	D	15L	6.3	46	4	00176-0035-000	1180	Tr; X2.
	D	15L	6.3	39	4	45176-3200-000	780	Hep; X2.
6AK7	D	30L	6.3	36	8	271G1-4630-000	1190	G1 & G2; 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.
6AL6	F	35H	6.3	41	4	07045-0610-000	1300	Plate cap; X3.
6AL7	E	—	6.3	—	E	57355-5610-000	—	Bias must vary shadow!
6AM6	F	18L	6.3	44	1	51763-2400-000	1235	Pe; 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	850	Whole tube.
	C	10L	6.3	32	2	00176-0035-000	910	Osc.
6AQ7	F	21L	6.3	45	2	00053-1760-000	1040	
	A	—	6.3	40	D	P1300-0760-000	—	P1 & P2.
6AR6	F	49H	6.3	34	4	10304-7560-000	930	X3.
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.
6AX6	E	—	6.3	22	R	2731P-06K0-000	—	P1, K1 & P2, K2.
6AX7	F	18L	6.3	47	2	PGK77-3516-000	1040	K1, P1, G1 & K2, P2, G2.
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	2	27300-4610-000	860	Grid cap.
	A	—	6.3	46	D	2703P-0610-000	—	P1 & P2.
6BA7	C	15L	6.3	41	4	45176-2513-000	810	Whole tube.
6BC4	D	15L	6.3	37	8	30G76-1500-000	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.
6BD5	D	30H	6.3	47	4	57103-0640-000	1080	X3.
6BE7	C	19L	6.3	42	1	45176-3505-000	780	
6BE8	D	9L	450	33	4	53176-0000-000	1380	Tr; X4.
	D	15L	450	38	4	11176-3415-000	1125	Pe; X3.
6BF8	A	—	450	38	D	00076-10P3-000	—	Di #1 & #2.
	A	—	450	38	D	00P76-1300-000	—	Di #3 & #4.
	A	—	450	38	D	P3076-1000-000	—	Di #5 & #6.
6BH5	C	20L	6.3	44	4	45176-3000-000	750	X2.
6BK6	F	19L	6.3	46	2	51760-0300-000	1050	
	A	—	6.3	47	D	01763-P000-000	—	P1 & P2.
6BM8	C	10L	6.3	43	1	50076-0013-000	1625	Tr.
	C	15H	6.3	32	4	01576-3400-000	1100	Pe; X4.
6BN7	F	22H	6.3	46	8	00076-1503-000	1200	X3.
	D	10L	6.3	41	2	35176-0000-000	1300	
6BT6	F	28L	6.3	38	1	51760-0300-000	780	Tr.
	A	—	6.3	45	D	0176P-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.
6BX6	D	20L	6.3	34	4	15K76-0342-000	1300	K1 & K2; X4.
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.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
6C8	F	45L	6.3	46	2	0731G-P6K0-000	1090	P1, G1, K1 & P2, G2, K2; Grid cap.
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.
6CH7	D	20L	6.3	47	8	PGK76-3510-000	1300	K1, P1, G1 & K2, P2, G2; X3.
6CK5	F	16H	6.3	22	4	73004-5160-000	1070	Pe; X6.
6CK6	F	15H	6.3	38	8	45176-2300-000	1100	X6.
6CM5	D	17H	6.3	34	8	07045-0610-000	910	Pe; Plate cap; X10.
6CM8	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	8	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	
6DN6	C	28H	6.3	37	4	07105-0643-000	1460	Pe; Plate cap; X4.
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.
6DY7	D	16H	6.3	39	8	57345-3610-000	1100	X7.
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.
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.
								Bias must vary shadow.
6G5	E	H	6.3	—	E	75531-6000-000	—	Bias must vary shadow.
6G6	D	23H	6.3	37	1	07345-0610-000	1500	
6H4	A	—	6.3	39	D	07030-0610-000	—	
6H5	E	H	6.3	—	E	75531-6000-000	—	Bias must vary shadow.
6HW8	F	32L	6.3	44	4	23467-5132-000	1300	Whole tube; X2.
6J4	D	15L	6.3	34	8	5176G-0300-000	1110	G1 & G2; X7.
6J8	C	19L	6.3	44	2	07345-0610-000	780	Grid cap; Heptode.
	C	19L	6.3	47	2	07005-3610-000	1300	Cap off; Osc.
6K5	F	30L	6.3	40	1	27300-0610-000	910	Grid cap.
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.
6L5	F	23H	6.3	46	2	07305-0610-000	1230	
6L7	C	25L	6.3	44	2	27345-0610-000	830	Grid cap.
6M5	D	16H	6.3	34	2	45176-0300-000	1300	X5.
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.
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	—	

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
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	46	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.
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.
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	—	6.3	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	28L	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.
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	8	07345-0610-000	1000	
6U7	D	30L	6.3	40	2	07342-0610-000	1040	Grid cap.
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	780	
	A	—	6.3	35	D	03176-000P-000	—	P1 & P2.
	A	—	6.3	35	D	00076-0310-000	—	
6W5	E	—	6.3	25	R	0730P-0610-000	—	P1 & P2.
6W7	C	31L	6.3	38	1	07342-0610-000	700	Grid cap.
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-P610-000	980	P1, G1 & P2, G2; X2.
6Z4	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	18H	6.3	44	4	73000-5160-000	840	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	73421-5160-000	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.
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	73421-5160-000	1100	

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
7B8	C	20L	6.3	32	1	73454-5160-000	750	Whole tube.
7C4	A	—	6.3	40	D	70030-0160-000	—	Di.
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	—	P1 & P2.
7E7	C	23L	6.3	44	2	73004-5160-000	850	
	A	—	6.3	48	D	703P0-0160-000	—	P1 & P2.
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.
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	
	A	—	6.3	48	D	70003-P160-000	—	P1 & P2.
7L7	C	15L	6.3	36	2	73421-5160-000	1010	X2.
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.
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.
8SN7	F	18H	450	28	2	GPK53-1760-000	840	K1, P1, G1 & K2, P2, G2; X2.
10	F	43H	7.5	35	2	73560-0000-000	1050	F.
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	46H	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	—	
12A8	C	20L	13	32	1	27345-4610-000	750	Grid cap; Whole tube.
12AD7	F	18L	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	28L	13	38	2	35176-0000-000	1450	X3; No leak test.
	O	23L	13	44	2	00076-3510-000	870	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	780	X1; No leak test.
	A	—	13	47	D	0176P-3000-000	—	P1 & P2.
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.
12AW6	D	13L	13	46	8	51763-4200-000	1080	X3.
12AY7	F	36L	6.3	37	1	PGK77-3516-000	1150	K1, P1, G1 & K2, P2, G2.
12B7	C	29L	13	44	2	73421-5160-000	1350	
12B8	C	28L	13	42	2	17340-0600-000	1170	Grid cap; Pe.
	C	0	13	43	4	07003-1650-000	780	Cap off; Tr; X2.
12BA7	C	20L	13	41	4	45176-2513-000	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.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
12BK6	F	9L	13	41	2	51760-0300-000	950	Tr.
	A	—	13	47	D	0176P-3000-000	—	P1 & P2.
12BN6	C	21L	13	42	1	15764-2300-000	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.
12C8	C	30L	13	46	2	27300-4610-000	860	Grid cap.
	A	—	13	46	D	2703P-0610-000	—	P1 & P2.
12CM6	O	32L	13	40	4	40G76-5103-000	800	G1 & G2; X3; No leak test.
12CS6	C	10L	13	28	2	51763-4200-000	710	
12CT8	D	11L	300	35	4	35176-0000-000	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.
12DE8	O	8L	13	35	2	50076-3241-000	975	Pe; No leak test.
	A	—	13	43	D	01376-0000-000	—	Di.
12DK7	O	10L	13	43	8	51876-0300-000	1100	Tet; X3; No leak test.
	A	—	13	47	D	01076-P003-000	—	P1 & P2.
12DL8	O	6L	13	41	4	01876-3500-000	1625	X6; No leak test.
	A	—	13	46	D	P0076-0013-000	—	P1 & P2.
12DS7	O	6L	13	40	4	00876-3510-000	1400	Tet; X7; No leak test.
	A	—	13	45	D	P0076-0013-000	—	P1 & P2.
12DU7	O	8L	13	43	8	51876-3000-000	1000	Tet; X4; No leak test.
	B	—	13	34	D	01076-0P03-000	—	P1 & P2.
12DV7	O	10L	13	35	1	00076-3510-000	475	Tr; No leak test.
	B	—	13	29	D	1P376-0000-000	—	P1 & P2.
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.
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.
12E5	F	29H	13	43	2	27305-0610-000	950	
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.
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.
12F5	F	20L	13	37	1	27030-0610-000	980	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.
	E	—	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.
12FX8	A	—	13	45	D	01067-0030-000	—	Di; No leak test.
	O	19L	13	43	2	35367-0101-000	1170	X2; No leak test.
12H6	O	21L	13	44	1	00067-5030-000	910	Tr; No leak test.
	A	—	13	39	D	2731P-06K0-000	—	P1, K1 & P2, K2.
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.
	A	—	13	39	D	00076-01P3-000	—	P1 & P2.
12K7	D	33L	13	43	2	17342-0610-000	1070	Grid cap.
12K8	C	20L	13	43	2	27345-0610-000	780	Grid cap; Heptode.
12L8	D	20H	13	43	2	51GP4-7630-000	910	P1, G1 & P2, G2; X3.
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.
12SA7	A	—	13	48	D	00301-0760-000	—	
	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	—	

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
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.
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.
12Z3	E	—	13	25	R	73160-0000-000	—	Rect.
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	7135G-PK60-000	1040	P1, G1, K1 & P2, G2, K2.
14F8	F	30L	13	46	4	G7PK1-3650-000	1070	K1, P1, G1 & K2, P2, G2; X2.
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	70350-0160-000	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.
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.
17CA5	D	15H	450	41	8	1G765-4300-000	1200	Pe; G1 & G2; X5.
17L6	C	18H	450	43	8	27345-0610-000	1030	Pe; X5.
17R5	D	22H	450	25	4	1G765-4300-000	1550	G1 & G2; X3.
18DZ8	D	13L	300	44	1	50076-0013-000	910	Tr.
	D	18H	300	31	4	01576-3400-000	1220	Pe; X4.
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.
19BG6	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.
19J6	C	24L	20	46	4	P376G-5100-000	1150	P1, G1 & P2, G2; 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.
	A	—	20	35	D	00076-0310-000	—	
19X8	D	15L	20	35	4	20076-1543-000	1000	Pe; X3.
	C	18L	20	36	2	05376-1000-000	1250	Tr; X3.
21A6	D	40H	20	32	4	05176-0041-000	950	X4; Plate cap.
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.
25A6	C	43H	27.5	41	2	27345-0610-000	770	

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
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	10	4	57103-0640-000	1190	X3.
25B5	C	0	27.5	45	4	73451-6000-000	750	X2.
25B6	D	49H	27.5	37	4	27345-0610-000	1080	X3.
25B8	C	30L	27.5	44	2	17340-0600-000	1300	Grid cap; Pe.
	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.
25CU6	D	49H	27.5	20	2	07045-0610-000	1190	Plate cap; X3.
25DQ6	D	45H	27.5	42	4	07045-0610-000	1300	Plate cap; X3.
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.
26BK6	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.
28Z5	E	—	27.5	27	R	70300-P160-000	—	P1 & P2.
30	D	23H	2	44	2	73560-0000-000	580	F.
31	D	35H	2	45	2	73560-0000-000	650	F.
32	C	15L	2	48	2	73460-0000-000	450	Grid cap; F.
32L7	C	19H	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.
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	150	47	4	07105-0640-000	1200	Pe; Plate cap; X4.
35DZ8	D	13L	35	43	1	50076-0013-000	910	Tr.
	D	18H	35	32	4	01576-3400-000	1220	Pe; X4.
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.
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.
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.
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.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
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.
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	—	
117N7	C	15H	115	44	8	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	R	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	5	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	8	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.
417-A	D	18L	6.3	35	8	307G0-1506-000	1000	X16; G1 & G2.
GL-502-A	E	H	6.3	22	R	07305-2610-000	—	Thyra; Fire 10-0 bias.
GL-546	E	H	6.3	25	R	51762-0300-000	—	Thyra; Fire 10-0 bias.
NL-714	E	H	2.5	30	R	60500-7000-000	—	Thyratron; Fire 8-0 bias; Plate cap requires either special cap or jumper.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
<b>7279</b>	D	20L	6.3	34	1	<b>41176-3125-000</b>	1170	Pe.
<b>801A</b>	F	45H	7.5	46	2	<b>73560-0000-000</b>	1040	F.
<b>802</b>	D	46H	6.3	45	1	<b>71452-1600-000</b>	720	Plate cap; X2.
<b>807</b>	F	34H	6.3	40	4	<b>74516-0000-000</b>	1300	Plate cap; X3.
<b>809</b>	F	0	6.3	42	4	<b>70560-0000-000</b>	980	Plate cap; F; X2.
<b>811</b>	F	22L	6.3	48	1	<b>70560-0000-000</b>	910	Plate cap; F.
<b>812A</b>	F	22L	6.3	46	4	<b>70560-0000-000</b>	810	Plate cap; F; X2.
<b>815</b>	D	32H	6.3	39	4	<b>65147-1560-000</b>	870	Plate cap left; Then plate cap right; X2.
<b>816</b>	E	—	2.5	21	R	<b>70060-0000-000</b>	—	Plate cap; F.
<b>836</b>	E	—	2.5	23	R	<b>70060-0000-000</b>	—	Plate cap; F.
<b>837</b>	D	26H	13	45	4	<b>71452-1600-000</b>	870	Plate cap; X3.
<b>841</b>	F	14H	7.5	38	1	<b>73560-0000-000</b>	290	F.
<b>842</b>	F	49H	7.5	46	2	<b>73560-0000-000</b>	780	F.
<b>866JR</b>	E	—	2.5	23	R	<b>63070-0000-000</b>	—	F.
<b>874</b>	G	—	20	—	VR	<b>70300-0000-000</b>	—	Firing lim. 104 to 130V; 10V Reg, fil. 20 to 115.
<b>884</b>	B	H	6.3	32	R	<b>27305-0610-000</b>	—	Thyra; Fire 35-5 bias.
<b>885</b>	B	H	2.5	32	R	<b>73516-0000-000</b>	—	Thyra; Fire 35-5 bias.
<b>950</b>	D	41H	2	43	2	<b>63547-0000-000</b>	620	F.
<b>CK-1005</b>	E	—	6.3	22	R	<b>2030P-7060-000</b>	—	P1 & P2; F.
<b>1201</b>	C	25L	6.3	39	1	<b>5731G-KP60-000</b>	970	P1, G1, K1 & P2, G2, K2.
<b>1203A</b>	A	—	6.3	40	D	<b>70030-0160-000</b>	—	
<b>1204</b>	C	20L	6.3	45	2	<b>47315-K600-000</b>	1170	K1 & K2.
<b>1206</b>	C	21L	6.3	42	4	<b>73455-1360-000</b>	680	X2.
<b>1221</b>	C	25L	6.3	39	1	<b>5731G-KP60-000</b>	970	K1, P1 & K2, P2.
<b>1223</b>	C	30L	6.3	38	1	<b>07342-0610-000</b>	800	Grid cap.
<b>1231</b>	C	16L	6.3	41	4	<b>73421-5160-000</b>	1260	X3.
<b>1232</b>	C	18L	6.3	36	4	<b>73421-5160-000</b>	980	X3.
<b>1273</b>	C	30L	13	38	1	<b>73421-5160-000</b>	840	
<b>1274</b>	E	—	6.3	25	R	<b>2730P-0610-000</b>	—	P1 & P2.
<b>1280</b>	C	30L	13	38	1	<b>73421-5160-000</b>	840	
<b>1284</b>	C	29L	13	44	2	<b>73420-5160-000</b>	1350	
<b>1291</b>	D	0	1.5	42	2	<b>63570-GP60-000</b>	1230	P1, G1 & P2, G2; F.
<b>1293</b>	C	0	1.5	43	2	<b>63000-5070-000</b>	840	F.
<b>1294</b>	A	—	1.5	45	D	<b>70030-0160-000</b>	—	
<b>1299</b>	C	45L	1.5	42	4	<b>63400-5760-000</b>	780	F; X2.
<b>1603</b>	C	30L	6.3	38	1	<b>73421-6000-000</b>	800	Grid cap.
<b>1609</b>	C	15L	1.1	39	1	<b>63547-0000-000</b>	940	F; X1/2.
<b>1610</b>	D	41H	2.5	41	1	<b>73504-6000-000</b>	820	F; X2.
<b>1611</b>	F	46H	6.3	34	2	<b>27345-0610-000</b>	830	X2.
<b>1612</b>	C	25L	6.3	44	2	<b>27345-0610-000</b>	830	Grid cap.
<b>1613</b>	F	46H	6.3	34	2	<b>27345-0610-000</b>	830	X3.
<b>1614</b>	F	35H	6.3	40	4	<b>07345-0610-000</b>	1300	X3.
<b>1616</b>	E	—	2.5	23	R	<b>70060-0000-000</b>	—	F; Plate cap.
<b>1619</b>	F	25H	2.5	38	4	<b>17345-0620-000</b>	980	F; X3.
<b>1620</b>	D	31L	6.3	40	2	<b>17342-0610-000</b>	800	Grid cap.
<b>1621</b>	F	46H	6.3	34	2	<b>27345-0610-000</b>	830	X2.
<b>1622</b>	F	35H	6.3	40	4	<b>07345-0610-000</b>	1300	X3.
<b>1624</b>	F	33H	2.5	30	2	<b>74506-0000-000</b>	1000	F; Plate cap; X2.
<b>1625</b>	F	34H	13	40	4	<b>70450-1600-000</b>	1300	Plate cap; X3.
<b>1626</b>	F	27H	13	34	2	<b>27305-0610-000</b>	690	X2.
<b>1629</b>	E	H	13	—	E	<b>07535-0610-000</b>	—	Bias must vary shadow.
<b>1631</b>	F	35H	13	40	4	<b>07345-0610-000</b>	1300	X3.
<b>1632</b>	C	20H	13	40	8	<b>27345-0610-000</b>	1030	X6.
<b>1633</b>	F	21H	27.5	44	4	<b>GPK53-1760-000</b>	810	K1, P1, G1 & K2, P2, G2; X2.
<b>1634</b>	F	20L	13	45	2	<b>235GP-1760-000</b>	880	P1, G1 & P2, G2.
<b>1635</b>	F	0	6.3	48	2	<b>2735G-P600-000</b>	980	P1, G1 & P2, G2.
<b>1641/RK-60</b>	E	—	5	25	R	<b>60070-0000-000</b>	—	Plate cap; Each section; F.
<b>1642</b>	F	41H	6.3	38	1	<b>713GP-K600-000</b>	890	P1, G1, K1 & P2, G2, K2; Grid cap.
<b>1644</b>	D	20H	13	43	2	<b>51GP4-7630-000</b>	910	P1, G1 & P2, G2; X3.
<b>1655</b>	F	20L	6.3	45	2	<b>235GP-1760-000</b>	880	P1, G1 & P2, G2.
<b>1657</b>	E	H	6.3	26	R	<b>07305-2610-000</b>	—	Thyra; Fire 15-0 bias.
<b>1659</b>	F	19L	2.5	38	1	<b>73001-6000-000</b>	720	Grid cap.
	A	—	2.5	48	D	<b>703P1-6000-000</b>	—	P1 & P2.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
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	GPK53-1760-000	1040	K1, P1, G1 & K2, P2, G2.
5692	F	18H	6.3	28	2	GPK53-1760-000	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.
5751	F	26L	6.3	41	1	PGK77-3516-000	780	K1, P1, G1 & K2, P2, G2.
5763	F	20H	6.3	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.
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	30L	6.3	40	1	50176-0432-000	650	
5881	F	35H	6.3	44	4	07345-0610-000	1300	Pe; X3.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
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.
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.

65N7 F 18H 6.3 28 2 GPK 53-1760 RF=840 new=1300

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
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. <i>new 2200</i>
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 & G2; X6.
6678	D	9L	6.3	27	4	05476-3100-000	1130	X3; Pentode.
6688	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.
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.
7036	C	30L	300	40	1	51763-4200-000	1560	Grid #1 test.
7044	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.
7060	D	11L	13	35	4	35176-0000-000	1050	Tr; X3.
7060	D	13L	13	24	4	00076-3451-000	1000	Pe; X4.
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.
7199	F	22H	6.3	32	1	30076-0015-000	1400	Tr.
7247	F	19L	6.3	40	1	00077-3516-000	1040	Tr; X1.
7247	F	17H	6.3	31	1	35177-0006-000	1430	Tr; X1.
7258	D	10L	13	43	8	00076-3451-000	1270	Pe; X4.
7258	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.
7408	F	30H	6.3	38	4	07345-0610-000	900	Pe; X3.

7027 F 50H 6.3 35 2 4730G-5610 1300 Pe G1 + G2

8417 F 30H 6.3 5 2 07345-0610 1200 Pe X11

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
7543	C	11L	6.3	36	4	51763-4100-000	1250	Pe; X3.
7581	F	38H	6.3	46	8	07345-0610-000	1020	X4.
7586	O	7L	6.3	36	4	03050-0010-706	1140	Tr; X4.
7587	O	3L	6.3	41	8	04050-0010-706	1160	Tet; X6.
7591	F	19H	6.3	37	8	07341-5640-000	1100	Pe; X6.
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	8	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	8	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.
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.
7984	C	38L	13	40	8	71333-1411-546	1250	Pe; X7.
8013	E	—	2.5	46	R	70060-0000-000	—	Plate cap; F.
8016	E	—	1.1	38	D	06000-0700-000	—	Plate cap; F.
8058	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.
8106	F	14H	13	39	8	3K476-1541-000	1170	Pe; K1 & K2; X5.
8156	D	15H	300	44	8	7KP33-1411-546	1230	Pe; K1, P1 & K2, P2; X4.
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	F	36L	6.3	39	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; 2V Reg, fil. 20 to 115V.
VR150	G	—	47	—	VR	01003-0000-000	—	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.
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.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
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.
528AX	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.
548DX	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	II	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	—	
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.

TUBE	PLATE	BIAS	FIL.	METER	SIG.	SELECTORS	R. P.	REMARKS
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	6AB4	EM34	6CD7
DF92	1L4	EC94	6AF4	6M84	6FG6
DF904	1U4	EC95	6ER5	EQ80	6BE7
DH63	6Q7	EC97	6FY5	EY88	6AL3
DH74	12Q7	EC900	6HM5	EZ35	6X5
DH76	12Q7	ECC81	12AT7	EZ80	6V4
DH77	6AT6	ECC82	12AU7	EZ81	6CA4
DH81	7B6	ECC83	12AX7	EZ90	6X4
DH149	7C6	ECC85	6AQ8	GZ30	5Z4
DH719	6AK8	ECC88	6DJ8	GZ32	5V4
DK32	1A7	ECC91	6J6	GZ34	5AR4
DK91	1R5	ECC180	6BQ7	HAA91	12AL5
DK96	1AB6	ECC189	6FS8	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	9U8
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	6EJ7	XF184	3EJ7
E90F	6BH6	EF190	6CB6	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		

6J5/6SN7 R.P. = 840  
 6557 R.P. = 1020  
 6L6 RP = 1300  
 12AU7 R.P. = 710  
 12AX7 RP = 1150  
 12AT7 R.P. = 1190