

BT & Manufacturing Company

3726 N Southport Avenue
Chicago 18 Ill



INSTRUCTIONS FOR MODEL 650 DYNA-QUIK

1. Look up type on panel or in tube index and set Heater switch.
2. If Tube is to be tested in 610 panel, set switches to positions indicated on chart.
3. Insert tube in proper socket.
4. Set Sensitivity control.
5. In Short-Grid Emission position of Function switch, tubes are defective if Shorts light glows or if meter indicates a reading in reject area of grid emission scale.
6. Advance function switch to Test 1. Read Test for mutual conductance on Good-Bad scale.
7. If tube is multiple section tube (e.g. 6AT6 triode-diode) the second section is tested in Test 2, and the third section in Test 3 position of Function switch.
8. Life test can be made on each section by pushing On-Off switch to life test position.

TUBE TYPE	Heater	Socket	Sensitiv- ity	A	B	C	D	E	F	G	H	J	Test Pos.	1
OA2	50	610	87	2	1	0	0	0	0	0	0	4	1	1
OA3	50	610	56	2	5	0	0	0	0	0	0	4	1	1
OB2	35	610	90	2	1	0	0	0	0	0	0	4	1	1
OB3	50	610	55	2	5	0	0	0	0	0	0	4	1	1
OC2	50	610	63	2	5	0	0	0	0	0	0	4	1	1
OC3	50	610	74	2	5	0	0	0	0	0	0	4	1	1
OD3	50	610	87	2	5	0	0	0	0	0	0	4	1	1
1A5	1	67	79										1	1
1A7	1	67	79										1	1
1AB6	1	4	70										1	1
1AF4	1	4	75										1	1
1AH5	1	610	87	1	6	0	0	7	5	4	0	3	1	1
			95	1	3	0	0	7	0	0	0	3	1	1
1AJ4	1	4	75										1	1
1AX2	1	53	99										1	1
1B3	1	65	55										1	1
1B7	1	67	75										1	1
1C1	1	4	75										1	1
1C5	1	67	75										1	1
1D8	1	67	74										1	1
1DN5	1	4	75										1	1
1F1	1	4	75										1	1
1F2	1	4	75										1	1
TUBE TYPE	Heater	Socket	Sensitiv- ity	A	B	C	D	E	F	G	H	J	Test Pos.	1
1F3	1	4	70										1	1
1FD1	1	610	87	1	6	0	0	7	5	4	0	3	1	1
			95	1	3	0	0	7	0	0	0	3	1	1
1FD9	1	4	70										1	1
1G3	1	65	55										1	1
1G6	1	67	73										1	1
1H2	1	53	61										1	1
1H5	1	67	80										1	1
1J3	1	65	89										1	1
1J6	2	610	75	2	5	0	0	7	0	0	0	3	1	1
			75	2	4	0	0	7	0	0	0	3	1	1
1K3	1	65	89										1	1
1L4	1	4	75										1	1
1L6	1	610	80	1	4	0	0	7	0	0	0	3	1	1
1LA4	1	610	75	8	6	0	0	1	0	0	0	3	1	1
1LA6	1	610	90	8	4	0	0	1	0	0	0	3	1	1
1LB4	1	610	75	8	6	0	0	1	0	0	0	3	1	1
1LC5	1	610	75	8	6	0	0	1	0	0	0	3	1	1
1LC6	1	610	85	8	4	0	0	1	0	0	0	3	1	1
1LD5	2	610	70	8	6	0	0	1	2	3	0	3	1	1
			90	8	4	0	0	1	2	0	0	3	1	1
1LE3	1	610	73	8	6	0	0	1	2	0	0	3	1	1
1LG5	1	610	75	8	6	0	0	1	2	3	0	3	1	1

TUBE TYPE	Heater	Socket	Sensitiv- ity	A	B	C	D	E	F	G	H	J	Test Pos.	2
1LH4	2	610	70	8	6	0	0	1	2	0	0	3	1	1
			90	8	4	0	0	1	0	0	0	3	1	1
1LN5	1	610	75	8	6	0	0	1	2	3	0	3	1	1
1N2-A	1	65	55										1	1
1N5	1	67	84										1	1
1P5	1	67	80										1	1
1P10	3	4	72										1	1
1P11	3	4	74										1	1
1Q5	1	67	74										1	1
1R5	1	4	75										1	1
1S2-A	1	53	50										1	1
1S4	1	4	70										1	1
1S5	1	4	70										1	1
1T4	1	4	75										1	1
1T5	1	4	70										1	1
1U4	1	4	76										1	1
1U5	1	4	80										1	1
1V2	1	47	62										1	1
1X2	1	53	50										1	1
2AF4	2	7	88										1	1
2B3	2	65	43										1	1
TUBE TYPE	Heater	Socket	Sensitiv- ity	A	B	C	D	E	F	G	H	J	Test Pos.	2
2BN4	2	6	54										1	1
2C51	6	610	63	1	0	4	3	9	2	5	20	1	1	1
			63	1	0	6	7	9	8	5	20	1	1	1
2CY5	2	9	58										1	1
2D21	6	610	13	3	6	0	1	4	2	5	10	2	1	1
2E24	6	610	73	2	3	10	5	7	1	0	30	1	1	1
2E26	6	610	75	2	3	10	5	7	1	0	30	1	1	1
2EA5	2	9	77										1	1
2EN5	2	11	60										2	3
			60										2	3
2ER5	2	610	63	3	0	5	2	4	1	6	15	1	1	1
2ES5	2	610	63	3	0	5	2	4	1	6	15	1	1	1
2EV5	2	9	52										1	1
2FH5	2	610	63	3	0	5	2	4	1	6	21	1	1	1
2FQ5	2	610	55	3	0	5	2	4	1	0	20	1	1	1
2FV6	2	9	53										1	1
2FY5	2	610	65	3	0	5	2	4	1	6	20	1	1	1
2T4	2	7	80										1	1
3A2	3	53	50										1	1
3A3	3	65	67										1	1
3A4	3	4	66										1	1
3A5	3	610	72	1	3	0	0	7	2	0	0	3	1	1
			72	7	5	0	0	1	6	0	0	3	1	1

0A2-3A5

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
3A8	3	67	75										1	3CB6	3	9	75										1
3AF4	3	7	88										1	3CE5	3	9	64										1
3AJ8	3	610	99	4	1	6	2	5	3	7	28	1	1	3CF6	3	9	67										1
			99	4	0	8	9	5	3	0	43	1	1	3CS6	3	9	94										1
3AL5	3	11	68										2	3CY5	3	9	58										1
			68										3	3DG4	3	610	13	1	5	0	0	3	0	0	0	2	1
3AU6	3	9	83										1			13	1	7	0	0	3	0	0	0	2	1	
3AV6	3	19	92										1	3DK6	3	9	62										1
			91										2	3DT6	3	9	96										1
			91										3	3EA5	3	9	77										1
3B2	3	65	80										1	3ER5	3	610	63	3	0	5	2	4	1	6	15	1	1
3BA6	3	9	79										1	3ES5	3	610	63	3	0	5	2	4	1	6	15	1	1
3BC5	3	9	73										1	3EV5	3	9	52										1
3BE6	3	9	94										1	3FH5	3	610	63	3	0	5	2	4	1	6	21	1	1
3BN4	3	6	54										1	3FQ5	3	610	55	3	0	5	2	4	1	0	20	1	1
3BN6	3	18	95										1	3FY5	3	610	65	3	0	5	2	4	1	6	20	1	1
3BU8	3	46	90										1	3GS8	3	46	99										1
			90										2			99											2
3BY6	3	9	92										1	3L35	3	4	66										1
3BY7	3	610	65	4	8	7	2	5	1	9	20	1	1	3LF4	3	610	70	8	6	0	0	1	2	3	0	3	1
3BZ6	3	9	68										1	3Q4	3	4	74										1
3C2	3	65	26										1	3Q5	3	67	75										1
3C4	1	610	70	1	6	0	0	7	2	0	0	3	1	3S4	3	4	72										1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	
3V4	3	4	74										1	4BZ6	4	9	68									1		
4AU6	4	9	83										1	4BZ7	4	50	73									1		
4AU8	4	38	57										1				73									2		
			80										2	4BZ8	4	50	76									1		
4BA6	4	9	79										1				76									2		
4BC5	4	9	73										1	4CB6	4	9	75									1		
4BC8	4	50	71										1	4CE5	4	9	64									1		
			71										2	4CS6	4	9	94									1		
4BE6	4	9	94										1	4CY5	4	9	58									1		
4BL8	4	36	65										1	4DE6	4	9	66									1		
			56										2	4DK6	4	9	62									1		
4BN4	4	6	54										1	4DT6	4	9	96									1		
4BN6	4	18	95										1	4ES8	4	50	58									1		
4BQ7	4	50	70										1				58									2		
			70										2	4EW6	4	9	68									1		
4BS8	4	50	68										1	4GM6	4	9	63									1		
			68										2	4GS8	4	46	99									1		
4BU8	4	46	90										1	5AM8	5	39	69									1		
			90										2				65									2		
4BX8	4	50	65										1	5AN8	5	40	65									1		
			65										2				63									2		
3A8—5AQ5														5AQ5	5	8	85											1



1. **Nome e Cognome:** _____
 2. **Indirizzo:** _____
 3. **Città:** _____
 4. **Prov.:** _____
 5. **Cap.:** _____
 6. **Telefono:** _____
 7. **Cellulare:** _____
 8. **E-mail:** _____
 9. **Professione:** _____
 10. **Stato:** _____
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TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
5X8	5	38	76										1	6AG5	6	9	80										1
			75										2	6AG7	6	57	46										1
5Y3	5	59	38										1	6AH4	6	4	92										1
			38										2	6AH6	6	9	60										1
5Y4	5	610	28	7	3	0	0	8	0	0	0	2	1	6AJ4	6	25	54										1
			28	8	5	0	0	7	0	0	0	2	1	6AJ5	6	610	99	3	6	5	1	4	7	0	50	1	1
5Z4	5	59	16										1	6AJ7	6	57	61										1
			16										2	6AJ8	6	610	99	4	1	6	2	5	3	7	28	1	1
5Z10	5	59	21										1				99	4	0	8	9	5	3	0	43	1	1
			21										2	6AK5	6	9	68										1
6A5	6	610	70	2	5	0	0	7	3	0	0	3	1	6AK6	6	9	83										1
6A8	6	610	*99	2	4	3	10	7	8	1	20	1	1	6AK7	6	57	46										1
			*TUBE GOOD IF READS 3000											6AK8	6	22	92										1
6AB4	6	5	72										1				67									2	
6AB7	6	57	75										1				72									3	
6AB8	6	610	78	4	8	6	9	5	3	7	20	1	1	6AL5	6	11	68										2
			95	4	0	1	2	5	3	0	25	1	1				68									3	
6AC5	6	610	65	2	5	0	0	7	8	3	0	3	1	6AM4	6	25	77										1
6AC7	6	57	61										1	6AM8	6	39	69										1
6AD7	6	610	95	2	4	3	5	7	8	0	25	1	1				65									2	
			88	2	1	0	0	7	8	6	0	3	1	6AN4	6	7	80										1
6AF3	6	45	13										1	6AN5	6	9	35										1
6AF4	6	7	88										1														



TUBE TYPE	Heater	Socket	Sens- itivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens- itivity	A	B	C	D	E	F	G	H	J	Test Pos.		
6AN8	6	40	65										1	6AU4	6	44	13										1		
			63										2	6AU5	6	62	81										1		
6AQ5	6	8	85										1	6AU6	6	9	83										1		
6AQ6	6	19	87										1	6AU7	6	50	90										1		
6AQ7	6	42	96										1				90										2		
			87										2	6AU8	6	38	57										1		
			87										3				80										2		
6AQ8	6	50	82										1	6AV5	6	62	74										1		
			82										2	6AV6	6	19	92										1		
6AR5	6	8	93										1				91										2		
6AS5	6	12	57										1				91										3		
6AS6	6	9	82										1	6AW8	6	38	56										1		
6AS7	6	610	65	7	1	0	0	8	3	2	0	3	1				90									2			
			65	7	4	0	0	8	5	6	0	3	1	6AX2	6	53	99										1		
6AS8	6	24	68										1	6AX4	6	44	15										1		
			66										2	6AX5	6	59	27										1		
6AT6	6	19	92										1				27									2			
			93										2	6AX7	6	50	*91										1		
			93										3				*91										2		
6AT8	6	49	80										1				*TUBE GOOD IF OVER 1400												
			77										2	6AX8	6	36	73										1		
5X8-6AX8																	57												2

TUBE TYPE	Heater	Socket	Sensitiv- ity	A	B	C	D	E	F	G	H	J	Test Pos.
6AZ8	6	48	66 60										1 2
6B8	6	610	99 88 88	2 2 2	6 4 5	3 0 0	10 0 0	7 7 7	8 8 8	0 0 0	17 0 0	1 3 3	1 1 1
6B31	6	11	68 68										2 3
6B32	6	11	68 68										2 3
6BA6	6	9	79										1
6BA7	6	610	*99 *TUBE GOOD IF OVER 2000	4	1	9	2	5	3	6	45	1	1
6BA8	6	38	55 82										1 2
6BC4	6	610	63	4	0	1	2	5	6	0	25	1	1
6BC5	6	9	73										1
6BC7	6	610	60 60 60	4 4 4	2 6 8	0 0 0	0 0 0	5 5 5	1 7 9	0 0 0	0 0 0	3 3 3	1 1 1
6BC8	6	50	71 71										1 2

TUBE TYPE	Heater	Socket	Sensitiv- ity	A	B	C	D	E	F	G	H	J	Test Pos.
6BC32	6	19	92 91 91										1 2 3
6BD5	6	62	*89 *TUBE GOOD IF OVER 1250										1
6BD6	6	9	86										1
6BE6	6	9	94										1
6BE8	6	49	77 70										1 2
6BF5	6	8	54										1
6BF6	6	19	87 91 91										1 2 3
6BG6	6	60	71										1
6BH6	6	9	91										1
6BH8	6	38	62 76										1 2
6BJ6	6	9	83										1
6BJ7	6	610	60 60 60	4 4 4	2 6 8	0 0 0	0 0 0	5 5 5	1 7 9	0 0 0	0 0 0	3 3 3	1 1 1



TUBE TYPE	Heater	Socket	Sensitiv- ity	A	B	C	D	E	F	G	H	J	Test Pos.
6BJ8	6	610	80 64 64	4 4 4	0 1 6	7 0 0	8 0 0	5 5 5	9 2 3	0 0 0	35 0 0	1 3 3	1 1 1
6BK4	6	610	80	2	5	0	0	7	1	10	0	3	1
6BK5	6	23	57										1
6BK6	6	19	90 85 85										1 2 3
6BK7	6	50	71 71										1 2
6BL4	6	44	10										1
6BL7	6	64	58 58										1 2
6BL8	6	36	65 56										1 2
6BM8	6	610	65 95	4 4	7 0	6 9	3 1	5 5	2 8	0 0	30 15	1 1	1 1
6BN4	6	6	54										1
6BN5	6	610	86	4	9	7	1	5	3	8	25	1	1
6BN6	6	18	95										1

TUBE TYPE	Heater	Socket	Sensitiv- ity	A	B	C	D	E	F	G	H	J	Test Pos.
6BN8	6	610	99 61 61	4 4 4	0 1 6	7 0 0	8 0 0	5 5 5	9 2 3	0 0 0	21 0 0	1 3 3	1 1 1
6BQ5	6	610	57	4	9	7	2	5	3	0	25	1	1
6BQ6	6	61	77										1
6BQ7	6	50	70 70										1 2
6BR8	6	49	78 71										1 2
6BS8	6	50	68										1
6BT6	6	19	68 92 93										2 1 2
6BT8	6	610	93 60 72	4 4 4	7 2 2	6 0 0	8 0 0	5 5 5	9 3 3	0 0 0	15 0 0	1 3 3	1 1 1
6BU6	6	19	92 91 91										1 2 3
6BU8	6	46	90 90										1 2

6AZ8-6BU8

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
6BV8	6	610	55 60 60	4 4 4	0 6 9	3 0 0	2 0 0	5 5 5	1 8 7	0 0 0	15 0 0	1 3 3	1 1 1
6BW4	6	610	25 25	4 4	7 1	0 0	0 0	5 5	9 9	0 0	0 0	2 2	1 1
6BW6	6	610	85	4	8	7	2	5	3	9	15	1	1
6BW8	6	610	76 60 60	4 4 4	8 1 3	9 0 0	6 0 0	5 5 5	7 2 2	0 0 0	18 0 0	1 3 3	1 1 1
6BX7	6	64	55										1
6BX8	6	50	55 65 65										2 1 1
6BY5	6	610	16 16	2 2	4 5	0 0	0 0	7 7	1 8	0 0	0 0	2 2	1 1
6BY6	6	9	92										1
6BY7	6	610	65	4	8	7	2	5	1	9	20	1	1
6BY8	6	610	75 61	4 4	8 6	7 0	1 0	5 5	9 3	2 0	15 0	1 3	1 1
6BZ6	6	9	68										1
6BZ7	6	50	73										1
			73										2
TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
6BZ8	6	50	76 76										1 2
6C4	6	5	75										1
6C5	6	63	*92										1
*TUBE GOOD IF OVER 1500													
6C31	6	610	55	3	0	7	6	4	2	0	20	1	1
6CA4	6	610	12 12	4 4	1 7	0 0	0 0	5 5	3 3	0 0	0 0	2 2	1 1
6CA5	6	12	63										1
6CA7	6	63	56										1
6CB5	6	60	36										1
6CB6	6	9	65										1
6CC10	6	64	80 80										1 2
6CCYZ	6	610	63	1	0	4	3	9	2	5	20	1	1
6CD6	6	60	53	1	0	6	7	9	8	5	20	1	1
6CE5	6	9	64										1
6CF6	6	9	67										1
6CG7	6	50	89 89										1 2
6CG8	6	49	82 73										1 2



TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
6CH8	6	610	58 75	4 4	3 0	2 9	7 8	5 5	6 1	0 0	15 30	1 1	1 1
6CJ6	6	610	78	4	8	10	2	5	3	6	99	1	1
6CK4	6	43	72										1
6CL5	6	60	55										1
6CL6	6	51	41										1
6CL8	6	49	72 63										1 2
6CM6	6	26	65										1
6CM7	6	20	90										1
6CM8	6	610	99 59 99	4 4	7 0	6 1	2 9	5 5	3 8	0 0	18 10	1 1	1 1
6CN7	6	35	94 68										1 2
6CQ8	6	36	68 73 63										3 1 2
6CR6	6	610	99 85	3 3	6 2	5 0	7 0	4 4	1 1	0 0	25 0	1 3	1 1
TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
6CR8	6	610	65 70	4 4	7 0	6 1	2 9	5 5	3 8	8 0	18 27	1 1	1 1
6CS6	6	9	94										1
6CS7	6	52	77 99										1 2
6CU5	6	12	54										1
6CU6	6	61	77										1
6CU8	6	610	60 65	4 4	3 0	2 9	7 8	5 5	6 1	1 0	15 25	1 1	1 1
6CW5	6	610	60	4	9	7	2	5	3	0	50	1	1
6CW7	6	610	66 66	4 4	0 0	3 9	2 6	5 5	1 8	0 0	35 35	1 1	1 1
6CX8	6	38	47 82										1 2
6CY5	6	9	58										1
6CY7	6	610	65 *99	4 4	0 0	1 6	3 7	5 5	9 8	0 0	99 15	1 1	1 1
*TUBE GOOD IF OVER 2600													
6CZ5	6	26	60										1
6D2	6	11	68 68										2 3
6D4	6	610	16	3	7	0	1	4	5	0	30	2	1
6D8	6	610	99	2	4	3	10	7	8	1	20	1	1

6BV8-6D8

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TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
6FV6	6	9	53										1	6J7	6	610	95	2	4	3	10	7	8	5	20	1	1
6FV8	6	49	66										1	6K6	6	63	93										1
			67										2	6K7	6	610	99	2	4	3	10	7	8	5	15	1	1
6FW8	6	50	58										1	6K8	6	610	99	2	3	4	5	7	8	10	50	1	1
			58										2	6L5	6	610	95	2	0	3	5	7	8	0	30	1	1
6FY5	6	610	65	3	0	5	2	4	1	6	20	1	1	6L6	6	63	97										1
6G6	6	63	97										1	6L7	6	610	99	2	3	4	10	7	8	5	57	1	1
6GC5	6	26	25										1	6L10	6	57	46										1
6GC6	6	60	55										1	6L12	6	50	82										1
6GH8	6	36	68										1				82										2
			56										2	6L41	6	610	62	4	6	1	8	5	7	3	20	1	1
6GM6	6	9	63										1	6L43	6	51	41										1
6GN8	6	38	35										1	6LD12	6	22	92										1
			*94										2				67										2
			*TUBE GOOD IF READS 2000														72									3	
6GS8	6	46	99										1	6N7	6	610	95	2	0	3	4	7	8	0	15	1	1
			99										2				95	2	0	6	5	7	8	0	15	1	1
6H6	6	610	65	2	3	0	0	7	4	0	0	3	1	6N8	6	610	95	4	1	6	2	5	3	9	30	1	1
			65	2	5	0	0	7	8	0	0	3	1				85	4	7	0	0	5	3	0	0	3	1
6J4	6	610	55	3	0	7	6	4	2	0	20	1	1				85	4	8	0	0	5	3	0	0	3	1
6J5	6	63	99										1	6NK7GT	6	57	85										1
6J6	6	10	67										1	6P5	6	63	97										1
			67										2	6P15	6	610	57	4	9	7	2	5	1	0	25	1	1

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.		
6Q7	6	610	99	2	0	3	10	7	8	0	15	1	1	6SD7	6	57	75										1		
			90	2	5	0	0	7	8	0	0	3	1	6SF5	6	610	*99	7	0	5	3	8	2	0	10	1	1		
			90	2	4	0	0	7	8	0	0	3	1				*TUBE	GOOD IF READS 2000.											
6R7	6	610	87	2	0	3	10	7	8	0	15	1	1	6SF7	6	610	99	7	4	6	2	8	3	0	15	1	1		
			85	2	5	0	0	7	8	0	0	3	1				92	7	5	0	0	8	3	0	0	3	1		
6R8	6	610	85	2	4	0	0	7	8	0	0	3	1	6SG7	6	57	79										1		
			87	4	0	9	8	5	7	0	20	1	1	6SH7	6	57	80										1		
			61	4	1	0	0	5	7	0	0	3	1	6SJ7	6	57	85										1		
			61	4	6	0	0	5	7	0	0	3	1	6SK7	6	57	85										1		
			61	4	2	0	0	5	3	0	0	3	1	6SL7	6	64	*85										1		
6S2	6	53	50										1				*85									2			
6S4	6	26	62										1				*TUBE	GOOD IF READS 1200.											
6S7	6	610	99	2	4	3	10	7	8	5	27	1	1	6SN7	6	64	80										1		
6S8	6	610	*99	7	0	6	10	8	2	0	10	1	1				80									2			
			87	7	1	0	0	8	2	0	0	3	1	6SQ7	6	58	98										1		
			87	7	4	0	0	8	2	0	0	3	1				94									2			
			92	7	3	0	0	8	5	0	0	3	1				94									3			
			*TUBE GOOD IF READS 1800											6SR7	6	58	87										1		
6SA7	6	56	97										1				93									2			
6SB7Y	6	56	93										1				93									3			
6SC7	6	610	*99	7	0	2	3	8	6	0	10	1	1	6SS7	6	57	90										1		
6FV6-6SS7			*99	7	0	5	4	8	6	0	10	1	1																
			*TUBE GOOD IF READS 2000.																										

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
6ST7	6	58	92										1
			90										2
			90										3
6SU7	6	64	*87										1
			*87										2
*TUBE GOOD IF IT READS 1200.													
6SV7	6	610	82	7	4	6	2	8	3	0	15	1	1
			68	7	5	0	0	8	3	0	0	3	1
6T4	6	7	80										1
6T8	6	22	92										1
			67										2
			72										3
6U4	6	44	14										1
6U6	6	63	55										1
6U8	6	36	76										1
			56										2
6V3	6	45	13										1
6V4	6	610	17	4	1	0	0	5	3	0	0	2	1
			17	4	7	0	0	5	3	0	0	2	1
6V6	6	63	84										1
TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
6V8	6	610	99	4	0	1	6	5	3	0	11	1	1
			60	4	2	0	0	5	3	0	0	3	1
			85	4	9	0	0	5	3	0	0	3	1
			60	4	7	0	0	5	8	0	0	3	1
6W4	6	44	13										1
6W6	6	63	54										1
6W7	6	610	95	2	4	3	10	7	8	5	20	1	1
6X4	6	17	22										1
			22										2
6X5	6	59	20										1
			20										2
6X6	6	610	65	2	3	0	0	7	4	0	0	3	1
			65	2	5	0	0	7	8	0	0	3	1
6X8	6	38	76										1
			75										2
6Y6	6	63	50										1
6Z31	6	17	22										1
			22										2
6ZY5	6	59	21										1
			21										2
7A4	6	68	76										1
7A5	6	68	52										1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
7A6	6	610	68	1	3	0	0	8	2	0	0	3	1
			68	1	6	0	0	8	7	0	0	3	1
7A7	6	68	90										1
7A8	6	610	99	1	3	5	4	8	7	0	85	1	1
7AD7	6	610	70	1	3	2	6	8	7	4	25	1	1
7AF7	6	69	78										1
			78										2
7AG7	6	68	97										1
7AH7	6	68	97										1
7AJ7	6	68	89										1
7AK7	6	68	58										1
7AN7	7	610	66	4	0	3	2	5	1	0	35	1	1
			66	4	0	9	6	5	8	0	35	1	1
7AU7	7	50	90										1
			90										2
7B4	6	610	*99	1	0	2	6	8	7	0	10	1	1
			*TUBE GOOD IF READS 2000.										
7B5	6	68	87										1
7B6	6	610	*99	1	0	2	3	8	7	0	10	1	1
			90	1	5	0	0	8	7	0	0	3	1
			90	1	6	0	0	8	7	0	0	3	1
TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
7B7	6	68	90										1
7B8	6	610	99	1	2	5	4	8	7	3	77	1	1
7C4	6	610	70	1	4	0	0	8	7	0	0	3	1
7C5	6	68	65										1
7C6	6	610	*99	1	0	2	3	8	7	0	6	1	1
			95	1	5	0	0	8	7	0	0	3	1
			95	1	6	0	0	8	7	0	0	3	1
*TUBE GOOD IF READS 1200.													
7C7	6	68	89										1
7CJ8	7	50	57										1
			57										2
7E5	6	610	85	2	0	3	1	8	4	0	25	1	1
7E6	6	610	94	1	0	2	3	8	7	0	25	1	1
			85	1	5	0	0	8	7	0	0	3	1
			85	1	6	0	0	8	7	0	0	3	1
7E7	6	610	99	1	5	2	6	8	7	0	25	1	1
			95	1	3	0	0	8	7	0	0	3	1
			95	1	4	0	0	8	7	0	0	3	1
7EY6	7	63	72										1
*TUBE GOOD IF READS 2200.													

6ST7-7EY6

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
7F7	6	69	*84 *84										1 2
*TUBE GOOD IF READS 1200.													
7F8	6	610	70 70	2 2	0 0	3 6	1 8	7 7	4 5	0 0	15 15	1 1	1 1
7G7	6	610	75	1	3	2	6	8	7	4	25	1	1
7H7	6	68	80										1
7J7	6	610	65 70	1 1	6 4	0 0	0 0	8 8	7 7	2 3	0 0	3 3	1 1
7K7	6	610	99	1	0	3	4	8	2	0	11	1	1
7L7 7N7	6	610 69	92 92 85 77	1 1 1 1	5 6 3 3	0 0 2 2	0 0 6 6	8 8 8 7	7 7 7 4	0 0 0 25	0 0 1 1	3 3 1 1	1 1 1 2
			77										
			99	1	2	3	4	8	7	5	72	1	1
			95	1	5	2	6	8	7	0	25	1	1
7Q7 7R7	6	610	95	1	3	0	0	8	7	0	0	3	1
			90	1	4	0	0	8	7	0	0	3	1
			68	1	6	0	0	8	7	2	0	3	1
			72	1	4	0	0	8	7	3	0	3	1
7S7	6	610	72	1	4	0	0	8	7	3	0	3	1
7T7	6	68	73										1
7W7	6	610	72	1	3	2	6	8	5	7	20	1	1

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
7X6	6	610	13 13	1 1	3 6	0 0	0 0	8 8	2 7	0 0	0 0	2 2	1 1
7X7	6	610	*99 61 61	1 1 1	0 5 6	2 0 0	3 3 0	8 8 8	4 4 7	0 0 0	10 0 0	1 3 3	1 1 1
*TUBE GOOD IF READS 1500.													
7Y4	6	610	20 20	1 1	3 6	0 0	0 0	8 8	7 7	0 0	0 0	2 2	1 1
7Z4	6	610	25 25	1 1	3 6	0 0	0 0	8 8	7 7	0 0	0 0	2 2	1 1
8A8	9	36	65 56										1 2
8AU8	8	38	60 88										1 2
8AW8	8	38	56										1
8BA8	8	38	90 55 82 62										2 1 2 1
			76										2
			99	4	0	7	8	5	9	0	21	1	1
			61	4	1	0	0	5	2	0	0	3	1
8BN8	8	610	61	4	6	0	0	5	3	0	0	3	1

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
8BQ5	8	610	57	4	9	7	2	5	1	0	25	1	1
8BQ7	8	50	70 70										1 2
8CG7	8	50	89 89										1 2
8CH8	8	610	58 75	4 4	3 0	2 9	7 8	5 5	6 1	0 0	15 30	1 1	1 1
8CM7	8	20	85 99										1 2
8CN7	8	35	97										1
8CS7	8	52	68 69 77										2 3 1
			99										2
			60	4	9	7	2	5	3	0	50	1	1
8CU8	8	610	60 65	4 4	3 0	2 9	7 8	5 5	6 1	1 0	15 25	1 1	1 1
8CX8	8	38	47 82										1 2

7F7-9AU7

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
8CY7	8	610	65 *99	4 4	0 0	1 6	3 7	5 5	9 8	0 0	99 15	1 1	1 1
*TUBE GOOD IF READS 2600.													
8DE7	8	33	88 95										1 2
8EB8	8	38	37 99										1 2
8EM5	8	26	53										1
8GN8	8	38	35 *94										1 2
*TUBE GOOD IF READS 2000.													
8SN7	8	64	80 80										1 2
9A8	9	36	65 56										1 2
9AK8	9	22	92 67 72										1 2 3
9AQ8	9	50	82 82										1 2
9AU7	9	50	90 90										1 2

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
9BR7	9	34	67										1
			67										2
			67										3
9BR8	9	49	78										1
			71										2
9CL8	9	49	72										1
			63										2
9J6	9	10	67										1
			67										2
9U8	9	36	76										1
			56										2
9X8	9	38	76										1
			75										2
10BQ5	10	610	57	4	9	7	2	5	1	0	25	1	1
10C8	10	40	60										1
			73										2
10D2	19	11	68										2
			68										3
10DE7	10	33	88										1
			95										2
10DR7	10	610	65	4	0	1	2	5	9	0	99	1	1
			65	4	0	6	7	5	8	0	13	1	1
10E312	25	63	55										1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
10/E/349	6	63	84										1
10/E/558	6	610	99	2	4	3	10	7	8	5	15	1	1
10/E/11448	6	63	99										1
10/E/11533	6	63	67										1
10/E/11581	6	610	*99	2	0	4	10	7	8	0	10	1	1
*TUBE GOOD IF READS 2500.													
10EB8	10	38	37										1
			99										2
10EG7	10	610	62	7	0	2	1	8	3	0	99	1	1
			92	7	0	5	4	8	6	0	40	1	1
10EW7	10	33	85										1
			99										2
11C5	12	12	58										1
11CY7	12	610	65	4	0	1	3	5	9	0	99	1	1
			*99	4	0	6	7	5	8	0	15	1	1
*TUBE GOOD IF READS 2600.													
12A4	12	610	51	4	0	9	2	5	1	0	30	1	1
12A6	12	63	94										1
12A8	12	610	*99	2	4	3	10	7	8	1	20	1	1
*TUBE GOOD IF READS 3000.													
12AB5	12	26	68										1
12AC6	12	610	63	3	1	0	0	4	7	5	0	3	1
12AD5	12	610	60	3	1	0	5	4	2	6	0	3	1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
12AD7	12	50	91										1
			91										2
12AE6	12	610	67	3	1	0	0	4	2	7	0	3	1
			86	3	5	0	0	4	2	0	0	3	1
			86	3	6	0	0	4	2	0	0	3	1
12AE7	12	610	62	4	2	0	0	5	3	1	0	3	1
			62	4	7	0	0	5	8	6	0	3	1
12AF3	12	45	13										1
12AF6	12	610	62	3	1	0	0	4	7	5	0	3	1
12AG6	12	610	62	3	1	0	0	4	2	5	0	3	1
12AJ6	12	610	63	3	1	0	0	4	2	7	0	3	1
			91	3	5	0	0	4	2	0	0	3	1
			91	3	6	0	0	4	2	0	0	3	1
12AL5	12	11	68										2
			68										3
12AL8	12	610	61	4	3	0	0	5	7	6	0	3	1
			67	4	8	0	0	5	9	1	0	3	1
12AQ5	12	8	82										1
12AS5	12	12	57										1
12AT6	12	19	92										1
			93										2
9BR7-12AZ7			93										3

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
12AT7	12	50	86										1
			86										2
12AU5	12	62	81										1
12AU6	12	9	83										1
12AU7	12	50	90										1
			90										2
12AV5	12	62	70										1
12AV6	12	19	92										1
			91										2
			91										3
12AV7	12	50	73										1
			73										2
12AW6	12	9	80										1
12AW8	12	38	56										1
			90										2
12AX4	12	44	15										1
12AX7	12	50	*91										1
			*91										2
*TUBE GOOD IF READS 1200.													
12AY7	12	50	97										1
			97										2
12AZ7	12	50	84										1
			84										2

TUBE TYPE	Heater	Socket	Sens- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
12B4	12	21	78										1	12BR7	12	34	67										1
12B7	12	68	90										1				67									2	
12BA6	12	9	79										1				67									3	
12BA7	12	610	99	4	1	9	2	5	3	6	45	1	1	12BT6	12	19	92										1
12BC32	12	19	92										1				93									2	
			91										2				93									3	
			91										3	12BU6	12	19	92										1
12BD6	12	9	86										1				91									2	
12BE6	12	9	94										1				91									3	
12BF6	12	19	92										1	12BV7	12	37	46										1
			91										2	12BW4	12	610	25	4	7	0	0	5	9	0	0	2	1
			91										3				25	4	1	0	0	5	9	0	0	2	1
12BH7	12	50	77										1	12BX7	12	64	55										1
			77										2				55									2	
12BK5	12	23	57										1	12BY7	12	37	47										1
12BK6	12	19	90										1	12BZ6	12	9	68										1
			85										2	12BZ7	12	50	97										1
			85										3				97									2	
12BL6	12	610	62	3	1	0	0	4	7	5	0	3	1	12C5	12	12	55										1
12BN6	12	18	95										1	12C8	12	610	*99	2	6	3	10	7	8	0	17	1	1
12BQ6	12	61	77										1				88	2	4	0	0	7	8	0	0	3	1
																	88	2	5	0	0	7	8	0	0	3	1
																	*TUBE GOOD IF READS 2600.										



TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
12C8Y	12	610	99	2	6	3	10	7	8	0	17	1	1	12DF7	12	50	*91										1
			88	2	4	0	0	7	8	0	0	3	1				*91									2	
			88	2	5	0	0	7	8	0	0	3	1				*TUBE GOOD IF READS 1200.										
12CA5	12	12	63										1	12DK7	12	610	62	4	1	0	0	5	2	7	0	1	1
12CM6	12	26	65										1				82	4	9	0	0	5	2	0	0	3	1
12CN5	12	610	61	3	2	0	0	4	1	6	0	3	1				82	4	6	0	0	5	2	0	0	3	1
12CR6	12	610	99	3	6	5	7	4	1	0	25	1	1	12DL8	12	610	62	4	3	0	0	5	2	6	0	3	1
			85	3	2	0	0	4	1	0	0	3	1				88	4	1	0	0	5	8	0	0	3	1
12CS6	12	9	94										1				88	4	9	0	0	5	8	0	0	3	1
12CT8	12	40	60										1	12DN6	12	50	55										1
			70										2	12DQ6	12	61	74										1
12CU5	12	12	54										1	12DQ7	12	37	37										1
12CU6	12	61	77										1	12DS7	12	610	62	4	3	0	0	5	8	6	0	3	1
12CX6	12	610	60	3	1	0	0	4	7	5	0	3	1				90	4	1	0	0	5	8	0	0	3	1
12D4	12	44	13										1				90	4	9	0	0	5	8	0	0	3	1
12DE8	12	610	62	4	1	0	0	5	9	6	0	3	1	12DT5	12	26	45										1
			62	4	3	0	0	5	2	0	0	3	1	12DT7	12	50	*91										1
12DB5	12	26	40										1				*91									2	
12DF5	12	610	26	4	1	0	0	5	3	0	0	2	1				*TUBE GOOD IF READS 1200.										
			26	4	6	0	0	5	8	0	0	2	1	12DT8	12	50	83										1
																	83									2	

12B4—12DT8

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
12DU7	12	610	60 99 99	4 4 4	1 9 7	0 0 0	0 0 0	5 5 5	2 2 2	6 0 0	0 0 0	3 3 3	1 1 1
12DV7	12	610	68 99	4 4	7 2	0 0	0 0	5 5	8 1	6 0	0 0	3 3	1 1
12DV8	12	610	99 62 90 90	4 4 4 4	3 3 1 9	0 0 0 0	0 0 0 0	5 5 5 5	1 2 8 8	0 6 0 0	0 0 0 0	3 3 3 3	1 1 1 1
12DW5	12	26	25										1
12DW7	12	50	90 *85										1 2
*TUBE GOOD IF READS 1200.													
12DW8	12	610	62 62	4 4	2 7	0 0	0 0	5 5	3 8	1 6	0 0	3 3	1 1
12DY8	12	610	66 60 62	4 4 4	9 1 9	0 0 0	0 0 0	5 5 5	8 2 7	0 6 8	0 0 0	3 3 3	1 1 1
12DZ6	12	610	62	3	1	0	0	4	7	5	0	3	1
12E5	12	63	97										1
12EA6	12	610	62	3	1	0	0	4	7	5	0	3	1
12EC8	12	610	60 60	4 4	9 1	0 0	0 0	5 5	8 3	6 2	0 0	3 3	1 1
12ED5	12	12	61										1
12EG6	12	610	61	3	1	0	0	4	2	5	0	3	1
12EH5	12	12	58										1
12EK6	12	610	62	3	1	0	0	4	7	5	0	3	1
12EL6	12	610	64	3	1	0	0	4	7	2	0	3	1
12EM6	12	610	91 91 63 90	3 3 4	5 6 1	0 0 0	0 0 0	4 4 5	7 7 2	0 0 6	0 0 0	3 3 3	1 1 1 1
12EN6	12	63	51										1
12EZ6	12	610	62	3	1	0	0	4	7	5	0	3	1
12F5	12	610	*99 62	2	0	4	10	7	8	0	10	1	1
*TUBE GOOD IF READS 2500.													
12F8	12	610	64 84	4 4	8 1	0 0	0 0	5 5	7 7	3 0	0 0	3 3	1 1
12F31	12	9	84 79	4	6	0	0	5	7	0	0	3	1
12FK6	12	610	64 85 85	3 3 3	1 5 6	0 0 0	0 0 0	4 4 4	2 2 2	7 0 0	0 0 0	3 3 3	1 1 1
12FM6	12	610	62	3	1	0	0	4	2	7	0	3	1
			90 91	3 3	5 6	0 0	0 0	4 4	2 2	0 0	0 0	3 3	1 1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
12FQ8	12	610	65 65 65 65	4 4 4 4	2 2 7 7	0 0 0 0	0 0 0 0	5 5 5 5	9 9 9 9	1 3 6 8	0 0 0 0	3 3 3 3	1 1 1 1
12FR8	12	610	61	4	3	0	0	5	7	0	0	3	1
12FX8	12	610	*60 *90 60 63	4 4 4 4	1 8 2 6	0 0 0 0	0 0 0 0	5 5 5 5	2 2 7 8	8 0 3 0	0 0 0 0	3 3 3 3	1 1 1 1
*NORMALLY SHOWS SHORT ON TESTS 2 & 3.													
12G4	12	5	75										1
12GA6	12	610	62	3	1	0	0	4	2	6	0	3	1
12GC6	12	60	55										1
12H4	12	5	75										1
12H6	12	610	65	2	3	0	0	7	4	0	0	3	1
12J5	12	63	99										1
12J7	12	610	95	2	4	3	10	7	8	5	20	1	1
12J8	12	610	62 62 62	4 4 4	1 8 9	0 0 0	0 0 0	5 5 5	2 7 7	6 0 0	0 0 0	3 3 3	1 1 1
12DU7-12SF7													
12K5	12	610	62	3	5	0	0	4	1	7	0	3	1
12K7	12	610	99	2	4	3	10	7	8	5	15	1	1
12K8	12	610	99	2	3	4	5	7	8	10	50	1	1
12L6	12	63	55										1
12NK7GT	12	64	80										2
12Q7	12	610	80 99 90 90										1 1 1 1
12R5	12	12	53										1
12S8	12	610	*99 87 87 92	7 7 7 7	0 1 4 3	6 0 0 0	10 0 0 0	8 8 8 8	2 2 2 5	0 0 0 0	10 0 0 0	1 3 3 3	1 1 1 1
*TUBE GOOD IF READS 1800.													
12SA7	12	56	97										1
12SC7	12	610	*99 *99	7 7	0 0	2 5	3 4	8 8	6 6	0 0	10 10	1 1	1 1
*TUBE GOOD IF READS 2000.													
12SF5	12	610	*99 *99	7 7	0 0	5 5	3 3	8 8	2 2	0 0	10 10	1 1	1 1
*TUBE GOOD IF READS 2000.													
12SF7	12	610	99 92	7 7	4 5	6 0	2 0	8 8	3 3	0 0	15 0	1 3	1 1

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
17AX4	17	44	15										1	18J6	18	10	62										1
17BQ6	17	61	77										1				62										2
17C5	17	12	55										1	19AQ5	19	8	82										1
17CA5	17	12	62										1	19AU4	19	44	13										1
17CU5	17	12	54										1	19BG6	19	60	71										1
17D4	17	44	13										1	19C8	19	22	93										1
17DE4	17	44	12										1				68										2
17DQ6	17	61	74										1				73										3
17EW8	17	50	73										1	19CL8-A	19	49	73										1
17H3	17	45	16										1				69										2
17L6	17	63	55										1	19DE7	19	33	88										1
17R5	17	12	53										1				95										2
18A5	18	62	80										1	19EA8	19	36	72										1
18AK5	18	9	68										1				57										2
18AQ5	18	8	82										1	19DN6	19	60	55										1
18C51	18	610	63	1	0	4	3	9	2	5	20	1	1	19EZ8	19	610	77	5	0	3	2	4	1	0	18	1	1
			63	1	0	6	7	9	8	5	20	1	1				77	5	0	6	7	4	0	0	18	1	1
18FW6	18	9	79										1				77	5	0	8	9	4	0	0	18	1	1
18FX6	18	9	93										1	19J6	19	10	62										1
18FY6	18	19	84										1				62										2
			92										2	19T8	19	22	88										1
			92										3				67										2
																	72										3

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Pos. Test	TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	
19V8	19	610	99	4	0	1	6	5	3	0	11	1	1	25CD6	25	60	53										1	
			60	4	2	0	0	5	3	0	0	3	1	25CU6	25	61	67										1	
			85	4	9	0	0	5	3	0	0	3	1	25D4	25	44	13										1	
			60	4	7	0	0	5	8	0	0	3	1	25DN6	25	60	55										1	
19X8	19	38	76										1	25DQ6	25	61	74										1	
			75										2	25DT5	25	26	45										1	
20D1	9	11	68										2	25EC6	25	60	55										1	
			68										3	25EH5	25	12	58										1	
21A6	19	610	78	4	8	10	2	5	3	6	99	1	1	25F5	25	12	55										1	
21EX6	22	60	45										1	25L6	25	63	55										1	
22DE4	22	44	12										1	25SN7	25	64	80										1	
25A6	25	63	80										1				80									2		
25AU4	25	44	13										1	25U4	25	44	14										1	
25AV5	25	62	70										1	25W4	25	44	13										1	
25AX4	25	44	15										1	25W6	25	63	54										1	
25B6	25	610	82	2	4	3	5	7	8	0	99	1	1	25Z6	25	610	13	2	3	0	0	7	4	0	0	2	1	
25BK5	25	23	57										1				13	2	5	0	0	7	8	0	0	2	1	
25BQ6	25	61	77										1	26BK6	25	19	90										1	
25C5	25	12	55										1				85									2		
25C6	25	63	56										1				85									3		
25CA5	25	12	62										1	26C6	25	19	92										1	
17AX4-26C6																	91											2
																	91											3

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
28D7	30	610	86	1	3	5	7	8	6	0	40	1	1
30C1	9	610	86	1	3	4	7	8	6	0	40	1	1
30L1	7	610	*99	2	4	3	10	7	8	1	20	1	1
			*TUBE GOOD IF READS 3000.										
32ET5	30	12	66	4	0	9	6	5	8	0	35	1	1
35A5	35	68	60										1
35B5	35	8	41										1
35C5	35	12	59										1
35CD6	35	60	58										1
35EH5	35	12	53										1
35GL6	35	610	77	3	5	7	2	4	1	0	80	1	1
35L6	35	63	59										1
35W4	35	16	12										1
35Y4	35	610	11	1	2	0	0	8	7	0	0	2	1
35Z3	35	610	11	1	2	0	0	8	7	0	0	2	1
35Z4	35	66	13										1
35Z5	35	66	13										1
35Z6	35	610	13	2	3	0	0	7	4	0	0	2	1
			13	2	5	0	0	7	8	0	0	2	1
36AM3	35	16	12										1
40Z5	50	66	13										1
45B5	50	610	60	4	9	7	2	5	3	0	50	1	1
45Z5	50	66	13										1
50A5	50	68	27										1
50B5	50	8	55										1
50BK5	50	23	57										1
50BM8	50	610	65	4	7	6	3	5	2	0	30	1	1
			95	4	0	9	1	5	8	0	15	1	1
50C5	50	12	55										1
50C6	50	63	56										1
50CA5	50	12	62										1
50CD6	50	60	53										1
50DC4	50	16	11										1
50EH5	50	12	58										1
50FE5	50	63	39										1
50L6	50	63	55										1
50X6	50	610	13	1	3	0	0	8	2	0	0	2	1
			13	1	6	0	0	8	7	0	0	2	1
50Y6	50	610	13	2	3	0	0	7	4	0	0	2	1
			13	2	5	0	0	7	8	0	0	2	1
50Y7	50	610	12	2	3	0	0	7	4	0	0	2	1
			12	2	5	0	0	7	8	0	0	2	1
53KU	5	59	21										1
			21										2



TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
60EH5	50	12	60										1
60FX5	50	12	81										1
108C1	35	610	90	2	1	0	0	0	0	0	0	4	1
150C2	50	610	87	2	1	0	0	0	0	0	0	4	1
150C3	50	610	87	2	1	0	0	0	0	0	0	4	1
213PEN	19	610	78	4	8	10	2	5	3	6	99	1	1
403B	6	9	68										1
1201	6	610	85	2	0	3	1	8	4	0	25	1	1
1203	6	610	70	1	4	0	0	8	0	0	0	1	1
1223	6	610	95	2	4	3	10	7	8	5	20	1	1
1232	6	610	75	1	3	2	6	8	7	4	25	1	1
1273	6	610	87	1	3	2	6	8	7	4	15	1	1
1274	6	610	20	1	3	0	0	8	7	0	0	2	1
			20	1	6	0	0	8	7	0	0	2	1
1280	12	68	91										1
1611	6	63	93										1
1614	6	63	72										1
1619	3	610	62	2	5	0	0	7	3	1	0	3	1
1620	6	610	95	2	4	3	10	7	8	5	20	1	1
1621	6	63	93										1
1622	6	63	67										1
1631	12	63	97										1
1632	12	63	55										1
1633	12	610	*99	7	0	2	3	8	6	0	10	1	1
			*99	7	0	5	4	8	6	0	10	1	1
			*TUBE GOOD IF READS 2000.										
5670	6	610	13	3	6	0	1	4	2	5	10	2	1
	6	610	13	3	6	0	1	4	2	5	10	2	1
5672	6	57	61										1
5673	6	57	75										1
5674	6	610	13	2	3	0	5	7	8	6	15	2	1
5681	6	9	68										1
5682	12	63	94										1
5683	6	9	68										1
5684	12	63	94										1
5685	12	57	85										1
5670	6	610	63	1	0	4	3	9	2	5	20	1	1
			63	1	0	6	7	9	8	5	20	1	1
5679	6	610	68	1	3	0	0	8	2	0	0	3	1
			68	1	6	0	0	8	7	0	0	3	1
5687	12	610	58	4	0	1	2	5	3	0	45	1	1
			58	4	0	9	7	5	6	0	45	1	1

28D7-5687

TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test Pos.
5691	6	64	*87										1	5915	6	9	92									1	
			*87										2	5920	6	10	54									1	
			*TUBE GOOD IF READS 1200.														54								2		
5692	6	64	80										1	5931	5	9	21									1	
			80										2				21								2		
5693	6	57	85										1	5932	6	63	67									1	
5696	6	610	13	3	6	0	1	4	2	7	15	2	1	5961	6	56	97									1	
5725	6	9	82										1	5963	12	50	88									1	
5726	6	11	68										2				88								2		
			68										3	5964	6	10	67									1	
5727	6	610	13	3	6	0	1	4	2	5	10	2	1				67								2		
5749	6	9	79										1	5965	12	50	68									1	
5750	6	9	94										1				68								2		
5751	12	50	*91										1	5992	6	63	84									1	
			*91										2	6005	6	8	85									1	
			*TUBE GOOD IF READS 1200.											6006	6	57	79									1	
5763	6	610	62	4	6	1	8	5	7	3	20	1	1	6042	6	64	80									1	
5814-A	12	50	90										1				80								2		
			90										2	6046	25	63	55									1	
5824	25	610	82	2	4	3	5	7	8	0	99	1	1														
5871	6	63	84										1														
5879	6	610	99	4	7	8	1	5	3	9	20	1	1														
5881	6	63	67										1														



TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
6057	12	50	*91										1	6087	5	59	38										1
			*91										2				38									2	
			*TUBE GOOD IF READS 1200.											6095	6	9	68									1	
6058	6	11	68										2	6096	6	9	68									1	
			68										3	6097	6	11	68									2	
6060	12	50	86										1				68									3	
			86										2	6100	6	5	75									1	
6061	6	610	85	4	8	7	2	5	3	9	15	1	1	6111	6	10	67									1	
6062	6	610	62	4	6	1	8	5	7	3	20	1	1				67								2		
6066	6	19	92										1	6113	6	64	*87									1	
			93										2				*87									2	
			93										3				*TUBE GOOD IF READS 1200.										
6067	12	50	90										1	6134	6	57	61									1	
			90										2	6135	6	5	75									1	
6069	6	9	68										1	6136	6	9	83									1	
6072	12	50	97										1	6137	6	57	85									1	
			97										2	6146	6	610	65	2	3	10	5	7	1	0	20	1	
6080	6	610	65	7	1	0	0	8	3	2	0	3	1	6147	6	63	67									1	
			65	7	4	0	0	8	5	6	0	3	1	6159	25	610	65	2	3	10	5	7	1	0	20	1	
6085	12	50	87										1	6180	6	64	80									1	
			87										2				80									2	
5691-6187														6186	6	9	80										1
														6187	6	9	82										1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
6188	6	64	*85										1
			*85										2
			*TUBE GOOD IF READS 1200.										
6189	12	50	69										1
			69										2
6197	6	51	41										1
6198	12	50	90										1
			90										2
6201	12	50	86										1
			86										2
6202	6	17	22										1
			22										2
6211	12	50	73										1
			73										2
6265	6	9	91										1
6267	6	610	99	4	1	6	9	5	3	8	24	1	1
6336	6	610	70	7	0	2	1	8	3	0	95	1	1
			70	7	0	5	4	8	6	0	95	1	1
6417	12	610	62	4	6	1	8	5	7	3	20	1	1
6485	6	9	60										1
6550	6	63	56										1
6660	6	9	79										1
6661	6	9	91										1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
6662	6	9	83										1
6663	6	11	68										2
			68										3
6669	6	8	85										1
6677	6	51	41										1
6678	6	36	76										1
			56										2
6679	12	50	86										1
			86										2
6680	12	50	90										1
			90										2
6681	12	50	*91										1
			*91										2
			*TUBE GOOD IF READS 1200										
6829	12	50	68										1
			68										2
6887	6	11	68										2
			68										3
6919	6	610	62	3	2	0	0	4	5	0	0	3	1
			62	3	7	0	0	4	1	0	0	3	1
6922	12	50	87										1
			87										2
6973	6	26	63										1



TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
7000	6	610	95	2	4	3	10	7	8	5	20	1	1
7025	12	50	*91										1
			*91										2
			*TUBE GOOD IF READS 1200										
7027	6	610	62	2	1	3	6	7	8	0	15	1	1
7036	6	9	92										1
7054	12	37	47										1
7055	12	11	68										2
			68										3
7056	12	9	65										1
7057	12	50	73										1
			73										2
7058	12	50	*91										1
			*91										2
			*TUBE GOOD IF READS 1200										
7059	12	36	76										1
			56										2
7060	12	38	57										1
			80										2
7061	12	26	68										1
7167	12	9	58										1

6188-A863

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
7189	6	610	57	4	9	7	2	5	3	0	25	1	1
7199	6	610	72	4	3	2	7	5	6	0	20	1	1
			74	4	0	1	9	5	8	0	30	1	1
7247	12	50	90										1
			*94										2
			*TUBE GOOD IF READS 1200										
7258	12	40	65										1
			63										2
7355	6	610	70	2	8	3	6	7	5	0	60	1	1
7408	6	63	84										1
7543	6	9	85										1
7581	6	63	67										1
7687	6	36	77										1
			67										2
7695	50	610	79	4	1	9	6	5	7	0	99	1	1
7754	6	610	79	4	1	9	6	5	7	0	99	1	1
8016	1	65	55										1
9001	6	9	92										1
9002	6	610	99	3	0	1	6	4	2	0	35	1	1
9003	6	9	*84										1
			*TUBE GOOD IF READS 1350										
9006	6	610	74	3	1	0	0	4	2	0	0	3	1
A863	6	610	95	2	4	3	10	7	8	5	20	1	1

TUBE TYPE	Heater	Socket	Sens.- itivity	A	B	C	D	E	F	G	H	J	Test Pos.
A1834	6	610	65	7	1	0	0	8	3	2	0	3	1
AR18	6	610	65	7	4	0	0	8	5	6	0	3	1
			99	2	0	3	10	7	8	0	15	1	1
			90	2	5	0	0	7	8	0	0	3	1
			90	2	4	0	0	7	8	0	0	3	1
ARDD3	6	610	65	2	3	0	0	7	4	0	0	3	1
			65	2	5	0	0	7	8	0	0	3	1
ARH1	6	610	99	2	3	4	10	7	8	5	57	1	1
ARP15	6	610	99	2	4	3	10	7	8	5	15	1	1
ARP16	6	610	95	2	4	3	10	7	8	5	20	1	1
ARP17	6	63	90										1
ARP32	6	63	84										1
ARP33	6	63	84										1
ARTH-1	6	610	99	2	3	4	5	7	8	10	50	1	1
AU13	5	59	38										1
			38										2
AZ32	4	59	38										1
			38										2
B36	12	64	80										1
			80										2
B65	6	64	80										1
			80										2
													2
													3
B152	12	50	86										1
			86										2
B309	12	50	86										1
			86										2
B319	7	610	66	4	0	3	2	5	1	0	35	1	1
			66	4	0	9	6	5	8	0	35	1	1
B329	12	50	90										1
			90										2
B339	12	50	*91										1
			*91										2
			*TUBE GOOD IF READS 1600										
B719	6	50	82										1
			82										2
BPM04	6	8	85										1
CV133	6	5	75										1
CV140	6	11	68										2
			68										3
CV216	50	610	87	2	5	0	0	0	0	0	0	4	1
CV283	6	11	68										2
			68										3
CV452	6	19	92										1
			93										2
			93										3



TUBE TYPE	Heater	Socket	Sens.-itivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV453	6	9	94										1
CV454	6	9	79										1
CV455	12	50	86										1
			86										2
CV491	12	50	90										1
			90										2
CV492	12	50	*91										1
			*91										2
			*TUBE GOOD IF READS 1200										
CV493	6	17	22										1
			22										2
CV511	6	63	84										1
CV538	12	56	97										1
CV544	12	57	85										1
CV547	12	58	98										1
			94										2
			94										3
CV551	25	63	55										1
CV552	25	63	55										1
CV553	25	63	55										1
A1834—CV582													
CV554	6	610	65	2	3	0	0	7	4	0	0	3	1
			65	2	5	0	0	7	8	0	0	3	1
CV559	25	610	13	2	3	0	0	7	4	0	0	2	1
			13	2	5	0	0	7	8	0	0	2	1
CV561	35	63	59										1
CV562	35	63	59										1
CV565	35	610	11	1	2	0	0	8	7	0	0	2	1
CV567	35	66	13										1
CV568	35	66	13										1
CV571	50	63	55										1
CV572	6	59	20										1
			20										2
CV573	6	59	20										1
			20										2
CV574	6	59	20										1
			20										2
CV575	5	59	21										1
			21										2
CV578	6	610	99	2	4	3	10	7	8	1	20	1	1
CV579	6	610	99	2	4	3	10	7	8	1	20	1	1
CV580	6	610	99	2	4	3	10	7	8	1	20	1	1
CV581	6	63	92										1
CV582	6	63	92										1



TUBE TYPE	Heater	Socket	Sens- itivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV772	1	67	73										1
CV773	1	67	73										1
CV775	1	610	90	8	4	0	0	1	0	0	0	3	1
CV776	1	610	75	8	6	0	0	1	0	0	0	3	1
CV777	1	610	75	8	6	0	0	1	0	0	0	3	1
CV778	1	610	85	8	4	0	0	1	0	0	0	3	1
CV779	2	610	70	8	6	0	0	1	2	3	0	3	1
			90	8	4	0	0	1	0	0	0	3	1
CV780	2	610	70	8	6	0	0	1	2	0	0	3	1
			90	8	4	0	0	1	0	0	0	3	1
CV781	1	610	75	8	6	0	0	1	2	3	0	3	1
CV782	1	4	75										1
CV783	1	4	70										1
CV784	1	4	70										1
CV785	1	4	75										1
CV786	1	4	70										1
CV797	6	610	13	3	6	0	1	4	2	5	10	2	1
CV805	50	610	13	2	3	0	0	7	4	0	0	2	1
			13	5	5	0	0	7	8	0	0	2	1
CV807	3	4	66										1
CV583—CV867													
</													

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV873	6	59	21										1
CV876	6	610	68	1	3	0	0	8	2	0	0	3	1
CV877	6	68	68	1	6	0	0	8	7	0	0	3	1
CV878	6	610	99	1	3	5	4	8	7	0	85	1	1
CV879	6	610	*99	1	0	2	6	8	7	0	10	1	1
CV880	6	68	87										1
CV881	6	68	87										1
CV882	6	610	99	1	0	2	3	8	7	0	10	1	1
			90	1	5	0	0	8	7	0	0	3	1
			90	1	6	0	0	8	7	0	0	3	1
CV883	6	610	99	1	2	5	4	8	7	3	77	1	1
CV885	6	68	65										1
CV886	6	68	65										1
CV887	6	610	99	1	0	2	3	8	7	0	6	1	1
			95	1	5	0	0	8	7	0	0	3	1
			95	1	6	0	0	8	7	0	0	3	1
CV890	6	610	85	2	0	3	1	8	4	0	25	1	1
CV891	6	610	94	1	0	2	3	8	7	0	25	1	1
			85	1	5	0	0	8	7	0	0	3	1
			85	1	6	0	0	8	7	0	0	3	1
CV892	6	610	99	1	5	2	6	8	7	0	25	1	1
			95	1	3	0	0	8	7	0	0	3	1
			95	1	4	0	0	8	7	0	0	3	1
CV893	6	69	*84										1
			*84										2
*TUBE GOOD IF READS 1200													
CV894	6	610	75	1	3	2	6	8	7	4	25	1	1
CV895	6	68	80										1
CV896	6	610	99	1	0	3	4	8	2	0	11	1	1
			92	1	5	0	0	8	7	0	0	3	1
			92	1	6	0	0	8	7	0	0	3	1
CV897	6	610	65	1	6	0	0	8	7	2	0	3	1
			70	1	4	0	0	8	7	3	0	3	1
CV898	6	69	77										1
			77										2
CV899	6	610	99	1	2	3	4	8	7	5	72	1	1
CV900	6	610	95	1	5	2	6	8	7	0	25	1	1
			95	1	3	0	0	8	7	0	0	3	1
			90	1	4	0	0	8	7	0	0	3	1
CV901	6	610	20	1	3	0	0	8	7	0	0	2	1
			20	1	6	0	0	8	7	0	0	2	1
CV910	12	610	*99	2	4	3	10	7	8	1	20	1	1
*TUBE GOOD IF READS 3000													



TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV915	12	610	80	2	4	3	5	7	8	0	99	1	1
CV917	12	610	80	2	4	3	5	7	8	0	99	1	1
CV918	12	610	80	2	4	3	5	7	8	0	99	1	1
CV919	12	610	80	2	4	3	5	7	8	0	99	1	1
*TUBE GOOD IF READS 2000													
CV920	12	610	*99	2	0	5	3	8	2	1	10	1	1
*TUBE GOOD IF READS 2000													
CV921	12	610	99	7	4	6	2	8	6	1	10	1	1
			92	7	5	6	2	8	6	1	10	1	1
CV922	12	57	80										1
CV924	12	64	*87										2
			*87										2
*TUBE GOOD IF READS 1200													
CV925	12	64	80										1
			80										2
CV930	12	69	*84										1
			*84										2
*TUBE GOOD IF READS 1200													
CV939	25	610	82	2	4	3	5	7	8	0	99	1	1
CV1375	6	610	65	2	5	0	0	7	8	0	0	3	1
CV1377	5	59	21	4	8	7	2	5	1	9	20	1	1
			21										2
CV1633	12	50	86										1
			86										2
CV1649	6	63	*92										1
*TUBE GOOD IF READS 1500													

CV873-CV1649

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV1741	6	63	56										1	CV1832	50	610	87	2	1	0	0	0	0	0	0	4	1
CV1753	35	68	41										1	CV1833	35	610	90	2	1	0	0	0	0	0	0	4	1
CV1757	6	9	92										1	CV1846	5	59	19										1
CV1758	1	4	75										1				19									2	
CV1762	6	9	83										1	CV1849	5	59	13										1
CV1763	6	610	55	3	0	7	6	4	2	0	20	1	1	CV1851	5	610	22	7	3	0	0	8	0	0	0	2	1
CV1777	6	68	89										1				22	8	5	0	0	7	0	0	2	1	
CV1784	6	57	46										1	CV1852	5	610	22	7	3	0	0	8	0	0	0	2	1
CV1790	6	610	25	1	3	0	0	8	7	0	0	2	1				22	8	5	0	0	7	0	0	1	1	
			25	1	6	0	0	8	7	0	0	2	1	CV1854	5	59	38										1
CV1800	1	67	79										1				38									2	
CV1802	1	67	79										1	CV1856	5	59	38										1
CV1803	1	67	75										1				38									2	
CV1805	1	67	75										1	CV1857	5	610	28	7	3	0	0	8	0	0	0	2	1
CV1811	1	67	74										1				28	8	5	0	0	7	0	0	2	1	
CV1818	1	67	80										1	CV1862	6	8	85										1
CV1819	6	63	97										1	CV1863	5	59	16										1
CV1820	1	67	80										1				16									2	
CV1821	1	67	84										1	CV1864	5	59	16										1
CV1823	1	67	84										1				16									2	
CV1824	1	67	74										1	CV1873	6	57	75										1
CV1826	1	67	74										1	CV1876	6	57	61										1
CV1829	1	4	70										1														

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	
CV1878	6	610	95	2	4	3	5	7	8	0	25	1	1	CV1929	6	610	65	2	3	0	0	7	4	0	0	3	1	
			88	2	1	0	0	7	8	6	0	3	1				65	2	5	0	0	7	8	0	0	3	1	
CV1882	6	57	46										1	CV1930	6	610	65	2	3	0	0	7	4	0	0	3	1	
CV1893	6	610	99	2	6	3	10	7	8	0	17	1	1				65	2	5	0	0	7	8	0	0	3	1	
			88	2	4	0	0	7	8	0	0	3	1	CV1931	6	610	65	2	3	0	0	7	4	0	0	3	1	
			88	2	5	0	0	7	8	0	0	3	1				65	2	5	0	0	7	8	0	0	3	1	
CV1894	6	610	99	2	6	3	10	7	8	0	17	1	1	CV1932	6	10	67										1	
			88	2	4	0	0	7	8	0	0	3	1				67									2		
			88	2	5	0	0	7	8	0	0	3	1	CV1933	6	10	67										1	
CV1895	50	610	56	2	5	0	0	0	0	0	0	4	1	CV1934			67										2	
CV1902	6	610	99	2	4	3	10	7	8	1	20	1	1	CV1935	6	610	95	2	4	3	10	7	8	5	20	1	1	
CV1908	6	610	*99	2	0	4	10	7	8	0	10	1	1	CV1936	6	610	95	2	4	3	10	7	8	5	20	1	1	
			*TUBE	GOOD	IF	READS	2500							CV1937	6	610	95	2	4	3	10	7	8	5	20	1	1	
CV1909	6	610	*99	2	0	4	10	7	8	0	10	1	1	CV1938	6	63	93										1	
			*TUBE	GOOD	IF	READS	2500							CV1940	6	63	93										1	
CV1910	6	610	*99	2	0	4	10	7	8	0	10	1	1	CV1941	6	610	99	2	4	3	10	7	8	5	15	1	1	
			*TUBE	GOOD	IF	READS	2500							CV1942	6	610	99	2	4	3	10	7	8	5	15	1	1	
CV1911	6	63	90										1	CV1943	6	610	99	2	4	3	10	7	8	5	15	1	1	
CV1912	6	63	90										1	CV1944	6	610	99	2	3	4	5	7	8	10	50	1	1	
CV1926	6	63	97										1	CV1945	6	610	99	2	3	4	5	7	8	10	50	1	1	
CV1928	12	9	79										1	CV1946	6	610	99	2	3	4	5	7	8	10	50	1	1	
CV1741-CV1948														CV1947	6	63	97											1
														CV1948	6	63	97											1

TUBE TYPE	Heater	Socket	Sens- itivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV1949	6	610	16	3	7	0	1	4	5	0	30	2	1
CV1950	6	610	99	2	3	4	10	7	8	5	57	1	1
CV1951	6	610	99	2	3	4	10	7	8	5	57	1	1
CV1956	6	610	95	2	0	3	4	7	8	0	15	1	1
			95	2	0	6	5	7	8	0	15	1	1
CV1957	6	610	95	2	0	3	4	7	8	0	15	1	1
			95	2	0	6	5	7	8	0	15	1	1
CV1958	6	610	95	2	0	3	4	7	8	0	15	1	1
			95	2	0	6	5	7	8	0	15	1	1
CV1959	50	12	55										1
CV1961	12	9	83										1
CV1962	6	610	87	2	0	3	10	7	8	0	15	1	1
			85	2	5	0	0	7	8	0	0	3	1
			85	2	4	0	0	7	8	0	0	3	1
CV1963	6	610	87	2	0	3	10	7	8	0	15	1	1
			85	2	5	0	0	7	8	0	0	3	1
			85	2	4	0	0	7	8	0	0	3	1
CV1964	6	610	87	2	0	3	10	7	8	0	15	1	1
			85	2	5	0	0	7	8	0	0	3	1
			85	2	4	0	0	7	8	0	0	3	1
CV1966	6	56	97										1
CV1967	6	56	97										1
													1
TUBE TYPE	Heater	Socket	Sens- itivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV1969	6	610	*99	7	0	2	3	8	6	0	10	1	1
			*99	7	0	5	4	8	6	0	10	1	1
			*TUBE GOOD IF READS 2000.										
CV1970	6	610	*99	7	0	2	3	8	6	0	10	1	1
			*99	7	0	5	4	8	6	0	10	1	1
			*TUBE GOOD IF READS 2000.										
CV1972	6	610	*99	7	0	5	3	8	2	0	10	1	1
			*TUBE GOOD IF READS 2000.										
CV1973	6	610	*99	7	0	5	3	8	2	0	10	1	1
			*TUBE GOOD IF READS 2000.										
CV1974	6	610	99	2	4	3	10	7	8	5	27	1	1
CV1975	6	610	99	2	4	3	10	7	8	5	27	1	1
CV1976	6	56	97										1
CV1978	6	57	79										1
CV1981	6	57	85										1
CV1982	6	57	85										1
CV1985	6	64	*87										1
			*87										2
			*TUBE GOOD IF READS 1200.										
CV1988	6	54	80										1
			80										2
CV1990	6	58	98										1
			94										2
			94										3



TUBE TYPE	Heater	Socket	Sens- itivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV1991	6	58	98										1
			94										2
			94										3
CV1993	6	57	90										1
CV1995	6	58	92										1
			90										2
			90										3
CV1996	6	58	92										1
			90										2
			90										3
CV2128	6	610	99	4	1	6	2	5	3	7	28	1	1
			99	4	0	8	9	5	3	0	43	1	1
CV2129	6	610	62	4	6	1	8	5	7	3	20	1	1
CV2136	6	610	85	4	8	7	2	5	3	9	15	1	1
CV2370	3	4	72										1
CV2390	3	4	66										1
CV2500	35	66	13										1
CV2507	1	4	76										1
CV2522	6	9	82										1
CV2524	6	9	83										1
CV1949-CV3798													
TUBE TYPE	Heater	Socket	Sens- itivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV2526	6	19	92										1
			91										2
			91										3
CV2534	50	63	55										1
CV2704	6	610	85	2	0	3	1	8	4	0	25	1	1
CV2706	6	610	70	1	4	0	0	8	7	0	0	3	1
CV2711	6	63	72										1
CV2716	6	610	*99	7	0	2	3	8	6	0	10	1	1
			*99	7	0	5	4	8	6	0	10	1	1
			*TUBE GOOD IF READS 2000.										
CV2721	6	610	78	4	8	10	2	5	3	6	99	1	1
CV2748	6	59	16										1
			16										2
CV2769	6	610	74	3	1	0	0	4	2	0	0	3	1
CV2901	6	610	99	4	1	6	9	5	3	8	24	1	1
CV2938	6	63	56										1
CV2975	6	610	57	4	9	7	2	5	3	0	25	1	1
CV2983	3	4	74										1
CV2984	6	610	65	7	1	0	0	8	3	2	0	3	1
			65	7	4	0	0	8	5	6	0	3	1
CV3512	6	610	13	3	6	0	1	4	2	7	15	2	1
CV3523	6	610	65	2	3	10	5	7	1	0	20	1	1
CV3798	50	610	56	2	5	0	0	0	0	0	0	4	1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV3799	50	610	55	2	5	0	0	0	0	0	0	4	1
CV4007	6	11	68										2
			68										3
CV4010	6	9	68										1
CV4018	6	610	13	3	6	0	1	4	2	5	10	2	1
CV4024	12	50	86										1
			86										2
D2M9	6	11	68										2
			68										3
D63	6	610	65	2	3	0	0	7	4	0	0	3	1
			65	2	5	0	0	7	8	0	0	3	1
D77	6	11	68										2
			68										3
D152	6	11	68										2
			68										3
DAC32	1	67	80										1
DAF91	1	4	70										1
DAF92	1	4	80										1
DAF96	1	610	87	1	6	0	0	7	5	4	0	3	1
			95	1	3	0	0	7	0	0	0	3	1
DC90	1	610	78	1	5	0	0	7	2	0	0	3	1
DCC90	3	610	72	1	3	0	0	7	2	0	0	3	1
			72	7	5	0	0	1	6	0	0	3	1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
DD6	6	11	68										2
			68										3
DF33	1	67	84										1
DF91	1	4	75										1
DF92	1	4	75										1
DF96	1	4	75										1
DF904	1	4	76										1
DH63	6	610	99	2	0	3	10	7	8	0	15	1	1
			90	2	5	0	0	7	8	0	0	3	1
			90	2	4	0	0	7	8	0	0	3	1
DH74	12	610	99	2	0	3	10	7	8	0	15	1	1
			90	2	5	0	0	7	8	0	0	3	1
			90	2	4	0	0	7	8	0	0	3	1
DH76	12	610	99	2	0	3	10	7	8	0	15	1	1
			90	2	5	0	0	7	8	0	0	3	1
			90	2	4	0	0	7	8	0	0	3	1
DH77	6	19	92										1
			93										2
			93										3
DH107	19	19	92										1
			93										2
			93										3



TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
DH149	6	610	99	1	0	2	3	8	1	0	0	0	1
			95	1	5	0	0	8	1	0	0	0	1
			95	1	6	0	0	8	1	0	0	0	1
DH710	6	22	92										1
			67										2
			72										3
DH719	6	22	92										1
			67										2
			72										3
DK91	1	4	75										1
DK96	1	4	70										1
DL33	3	67	75										1
DL35	1	67	75										1
DL36	1	67	74										1
DL91	1	4	70										1
DL92	3	4	72										1
DL93	3	4	66										1
DL94	3	4	74										1
DL95	3	4	74										1
DL96	1	610	70	1	6	0	0	7	2	0	0	3	1

CV3799—EB91

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
EB91	6	11	68										2
			68										3
EB34	6	610	65	2	3	0	0	7	4	0	0	3	1
			65	2	5	0	0	7	8	0	0	3	1
E91AA	6	11	68										2
			68										3
E91N	6	610	13	3	6	0	1	4	2	5	10	2	1
EAA91	6	11	68										2
			68										3
EABC80	6	22	92										1
			67										2
			72										3
EB91	6	11	68										2
			68										3

TUBE TYPE	Heater	Socket	Sens- itivity	A	B	C	D	E	F	G	H	J	Test Pos.
EBC90	6	19	92										1
			93										2
			93										3
EBC91	6	19	92										1
			91										2
			91										3
EBF80	6	610	95	4	1	6	2	5	3	9	30	1	1
			85	4	7	0	0	5	3	0	0	3	1
			85	4	8	0	0	5	3	0	0	3	1
EBF89	6	610	83	4	1	6	2	5	2	9	30	1	1
			85	4	7	0	0	5	3	0	0	3	1
			85	4	8	0	0	5	3	0	0	3	1
EC90	6	5	75										1
EC92	6	5	72										1
EC95	6	610	63	3	0	5	2	4	1	6	15	1	1
ECC35	6	57	79										1
ECC81	12	50	86										1
			86										2
ECC82	12	50	90										1
			90										2
ECC83	12	50	91										1
			91										2
ECC84	6	610	66	4	0	3	2	5	1	0	35	1	1
			66	4	0	9	6	5	8	0	35	1	1
ECC85	6	50	82										1
			82										2
ECC86	6	610	62	4	2	0	0	5	3	1	0	3	1
			62	4	7	0	0	5	8	6	0	3	1
ECC88	6	50	57										1
			57										2
ECC91	6	10	67										1
			67										2
ECC189	6	50	58										1
			58										2
ECC801S	12	50	86										1
			86										2
ECC802S	12	50	90										1
			90										2
ECC960	6	10	54										1
			54										2
ECF80	6	36	65										1
			56										2
ECF82	6	36	76										1
			56										2



TUBE TYPE	Heater	Socket	Sens- itivity	A	B	C	D	E	F	G	H	J	Test Pos.
ECH81	6	610	99	4	1	6	2	5	3	7	28	1	1
			99	4	0	8	9	5	3	0	43	1	1
ECL80	6	610	78	4	8	6	9	5	3	7	20	1	1
			95	4	0	1	2	5	3	0	25	1	1
ECL82	6	610	65	4	7	6	3	5	2	0	30	1	1
			95	4	0	9	1	5	8	0	15	1	1
ED2	6	11	68										2
			68										3
EF22	6	610	75	1	3	2	6	8	7	4	25	1	1
EF85	6	610	65	4	8	7	2	5	1	9	20	1	1
EF86	6	610	99	4	1	6	9	5	3	8	24	1	1
EF89	6	610	88	4	8	7	2	5	3	9	25	1	1
EF93	6	9	79										1
EF94	6	9	83										1
EF95	6	9	68										1
EF96	6	9	80										1
EF804	6	610	84	4	8	7	9	5	1	3	20	1	1
EH90	6	9	94										1
EK90	6	9	94										1
EL34	6	63	56										1
EL37	6	63	67										1
EBC90—GZ-34													
EL81	6	610	78	4	8	10	2	5	3	6	99	1	1
EL84	6	610	78	4	8	7	2	5	3	0	25	1	1
EL85	6	610	66	4	8	7	1	5	3	8	25	1	1
EL86	6	610	62	4	8	7	2	5	3	0	50	1	1
EL90	6	8	85										1
EL95	6	8	90										1
EL820	6	610	78	4	8	10	2	5	3	6	99	1	1
EY86	6	59	20										1
EZ35	6	59	20										1
			20										2
EZ80	6	610	17	4	1	0	0	5	3	0	0	2	1
			17	4	7	0	0	5	3	0	0	2	1
EZ81	6	610	12	4	1	0	0	5	3	0	0	2	1
			12	4	7	0	0	5	3	0	0	2	1
EZ90	6	17	22										1
			22										2
G180/ZM	50	610	87	2	5	0	0	0	0	0	0	4	1
GZ-30	5	59	16										1
			16										2
GZ-32	5	59	16										1
			16										2
GZ-34	5	59	21										1
			21										2

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
H63	6	610	*99	2	0	4	10	7	8	0	10	1	1	KT66	6	63	67										1
HABC80	19	22	88	*TUBE GOOD IF READS 2500.										KT88	6	63	53										1
			67										2	KTZ63	6	610	95	2	4	3	10	7	8	5	20	1	1
			72										3	L63	6	63	99										1
HBC90	12	19	92										1	L77	6	5	75										1
			93										2	LN152	6	610	78	4	8	6	9	5	3	7	20	1	1
HBC91	12	19	93										3				95	4	0	1	2	5	3	0	25	1	1
			92										1	LZ319	9	36	65										2
			91										2				56										1
HCC85	17	50	73										3	M8081	6	10	67										2
			73										1				67										1
HD14	1	67	80										2	M8100	6	9	68										1
HF93	12	9	79										1	N14	1	67	75										1
HF94	12	9	83										1	N17	3	4	72										1
HK90	12	9	94										1	N18	3	4	74										1
HL90	19	8	82										1	N19	3	4	74										1
HL92	50	12	55										1	N152	20	610	78	4	8	10	2	5	3	6	99	1	1
HM04	6	9	94										1	N709	6	610	57	4	9	7	2	5	3	0	25	1	1
HY90	35	16	12										1	NR67	6	610	99	2	3	4	10	7	8	5	57	1	1
KT32	25	63	55										1	NR78	6	63	99										1
KT63	6	63	93										1	NR78A	6	63	99										1
														NR81	6	610	99	2	4	3	10	7	8	5	15	1	1
														NR83	6	610	95	2	4	3	10	7	8	5	20	1	1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
NR85	6	63	93										1	OSW3111	6	63	85										1
NR95	25	63	55										1	OSW3112	6	63	99										1
NU20	5	59	38										1	PABC80	6	22	92										1
			38										2				67										2
OBC3	12	58	98										1				72										3
			94										2	PF9	6	610	99	2	4	3	10	7	8	5	15	1	1
OF1	6	610	99	2	4	3	10	7	8	5	27	1	1	PH4	6	610	*99	2	4	3	10	7	8	1	20	1	1
OH4	12	610	*99	2	4	3	10	7	8	5	20	1	1				*TUBE GOOD IF READS 3000.										
														PL820	16	610	99	4	8	10	2	5	3	6	99	1	1
OSWZ190	6	57	61										1	PM24	6	9	68										1
OSWZ192	6	57	46										1	PMC5	7	610	66	4	0	3	2	5	1	0	35	1	1
OSW2601	6	57	46										1	PCC84			65	4	0	9	6	5	8	0	35	1	1
OSWZ600	6	57	61										1	PCC85	9	50	82										2
OSW3105	6	58	98										1				82										1
			94										2	PCC88	7	50	57										1
OSW3106	6	63	84										3				57										2
OSW3108	6	63	67										1	PCF80	9	36	65										1
OSW3109	6	610	65	2	3	0	0	7	4	0	0	3	1				56										2
			65	2	5	0	0	7	8	0	0	3	1	PCF82	9	36	76										1
																	56										2
H63—PCL82														PCL82	16	610	65	4	7	6	3	5	2	0	30	1	1
																	95	4	0	9	1	5	8	0	15	1	1

TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.
PL81	19	610	78	4	8	10	2	5	3	6	99	1	1	TS52	6	10	67										1
QA240	6	5	75										1				67									2	
QA2404	6	11	68										2	U50	5	59	38									1	
			68										3				38									2	
QA2406	12	50	86										1	U52	5	59	21									1	
			86										2				21									2	
QA2407	6	17	22										1	U54	5	59	21									1	
			22										2				21									2	
QA2408	6	64	80										1	U78	6	17	22									1	
			80										2				22									2	
QE03/10	6	610	62	4	6	1	8	5	7	3	20	1	1	U147	6	59	20									1	
QE05/40	6	610	65	2	3	10	5	7	1	0	20	1	1				20									2	
QS150/40	50	610	87	2	5	0	0	0	0	0	0	4	1	U149	6	610	25	1	3	0	0	8	7	0	0	2	1
QV03/12	6	610	62	4	6	1	8	5	7	3	20	1	1				1	6	0	0	8	7	0	0	2	1	
QV06/20	6	610	65	2	3	10	5	7	1	0	20	1	1	U709	6	610	12	4	1	0	0	5	3	0	0	2	1
R52	5	59	16										1				12	4	7	0	0	5	3	0	0	2	1
			16										2	UAA91	6	11	68										1
SN7	1	65	55										1				68									2	
T2M05	6	10	67										1	UABC80	30	22	92										1
			67										2				67									2	
TM12	6	610	55	3	0	7	6	4	2	0	20	1	1				72									3	
TS51	6	9	68										1	UCC84	22	610	66	4	0	3	2	5	1	0	35	1	1
																	66	4	0	9	6	5	8	0	35	1	1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	
UCC85	25	50	82										1	VT88	6	610	87	2	0	3	10	7	8	0	15	1	1	
			82										2				85	2	5	0	0	7	8	0	0	3	1	
UCF80	25	36	65										1				85	2	4	0	0	7	8	0	0	3	1	
			56										2	VT90	6	610	65	2	3	0	0	7	4	0	0	0	3	1
UCL82	50	610	65	4	7	6	3	5	2	0	30	1	1				65	2	5	0	0	7	8	0	0	3	1	
			95	4	0	9	1	5	8	0	15	1	1	VT91	6	610	95	2	4	3	10	7	8	5	20	1	1	
UL84	50	610	60	4	9	7	2	5	3	0	50	1	1	VT93	6	610	99	2	6	3	10	7	8	0	17	1	1	
UU12	6	610	12	4	1	0	0	5	3	0	0	2	1				88	2	4	0	0	7	8	0	0	3	1	
			12	4	7	0	0	5	3	0	0	2	1				88	2	5	0	0	7	8	0	0	3	1	
V2M70	6	17	22										1	VT94	6	63	99										1	
			22										2	VT96	6	610	95	2	0	3	4	7	8	0	15	1	1	
VP1321	12	610	74	3	1	0	0	4	2	0	0	3	1				95	2	0	6	5	7	8	0	15	1	1	
VR150/30	50	610	87	2	5	0	0	0	0	0	0	4	1	VT97	5	59	13										1	
VT52	7	63	93										1	VT102	6	63	93										1	
VT65	6	63	*90										1	VT103	6	58	98										1	
			*TUBE GOOD IF READS 1500.														94										2	
VT66	6	63	93										1				94										3	
VT74	5	59	16										1	VT104	12	58	98										1	
			16										2				94										2	
VT86	6	610	99	2	4	3	10	7	8	5	15	1	1				94										3	
VT87	6	610	99	2	3	4	10	7	8	5	57	1	1	VT105	6	610	*99	7	0	2	3	8	6	0	10	1	1	
																	*99	7	0	5	4	8	6	0	10	1	1	
PL81-VT105														*TUBE GOOD IF READS 1000.														

