



IF = 455 KC

PHONO-RADIO SW. SHOWN IN RADIO POSITION

VOLTAGE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
V 1	6BA6	-2VDC	0V	0V	6.3VAC	120VDC	120VDC	.6VDC	
V 2	6BE6	±11VDC	0V	0V	6.3VAC	120VDC	120VDC	-.2VDC	
V 3	6BA6	-.1VDC	0V	0V	6.3VAC	105VDC	105VDC	.6VDC	
V 4	6AV6	-.6VDC	0V	0V	6.3VAC	-.5VDC	0V	65VDC	
V 5	6AV6	-.6VDC	0V	0V	6.3VAC	0V	0V	65VDC	
V 6	6V6GT	0V	0V	315VDC	270VDC	0V	0V	6.3VAC	
V 7	6V6GT	0V	0V	315VDC	270VDC	0V	0V	6.3VAC	
V 8	5Y3GT	0V	320VDC	.6VAC	310VAC	0V	310VAC	0V	320VDC

‡ TAKEN WITH VACUUM TUBE VOLTMETER

ALL MEASUREMENTS TAKEN IN RADIO POSITION

RESISTANCE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
V 1	6BA6	3.4Meg	∞	∞	.1Ω	15KΩ	15KΩ	68Ω	
V 2	6BE6	22KΩ	.5Ω	∞	.1Ω	15KΩ	15KΩ	1.2Meg	
V 3	6BA6	1.2Meg	∞	∞	.1Ω	16KΩ	16KΩ	68Ω	
V 4	6AV6	10Meg	∞	∞	.1Ω	515KΩ	∞	1220KΩ	
V 5	6AV6	10Meg	∞	∞	.1Ω	∞	∞	1220KΩ	
V 6	6V6GT	∞	∞	1175Ω	11KΩ	470KΩ	470KΩ	.1Ω	330Ω
V 7	6V6GT	∞	∞	1175Ω	11KΩ	480KΩ	480KΩ	.1Ω	330Ω
V 8	5Y3GT	∞	45KΩ	∞	110Ω	118Ω	∞	∞	45KΩ

† MEASURED FROM PIN 8 OF V8

THE COOPERATION OF THE MANUFACTURER OF THIS

- DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms per volt.
- Socket connections are shown as bottom views.
- Measured values are from socket pin to common negative.
- Line voltage maintained at 117 volts for voltage readings.
- Nominal tolerance on component values makes possible a variation of ± 10% in voltage and resistance readings.
- Volume control at maximum, no signal applied for voltage measurements.