



SOCKET VOLTAGES

The following table gives the functions of the tubes used, together with the voltage readings between the tube socket contacts and chassis. Voltage readings should be taken with a 1000 ohm per volt D. C. voltmeter (except filaments) with the volume control full "ON." The filament voltage should be measured with an accurate low range voltmeter. Voltage limits may vary plus or minus 10% of values given.

TUBE SOCKET VOLTAGE READINGS

Tube	Function	H	P	S	K
25A6G	Oscillator and Det.	25	7	—	0
6J7G	Audio Driver	5.8	—	5	1.3
25A7G	Rectifier	25	105	—	—
	Modulator		90	95	11
	Output		90	95	11
W43357	Ballast		Rc-R 48 Volts, Tl-R 43 Volts		

• Voltage drop across speaker field 95 volts.
Power consumption 50 watts.
All readings taken on 117.5 volt a. c. line.

JUNE 1938

MODEL--417

OPERATING FREQ. 90 KC'S.