6L6, 6L6G, 6L6GB (Cont'd)

CHARACTERISTICS AND TYPICAL OPERATION

Class A_1 Amplifier (Single Tube)	Triode Connection	Pentode Connection			
Plate Voltage	250	250	300	350	Volts
Grid No. 2 Voltage		250	200	250	Volts
Grid No. 1 Voltage	-20	-14	-12.5	-18	Volts
Peak A F Signal Voltage	20	14	12.5	18	Volts
Plate Current (Zero Signal)	40	72	48	54	Ma
Plate Current (Max. Signal)	44	79	55	66	Ma
Grid No. 2 Current (Zero Signal)		5.0	2.5	2.5	Ma
Grid No. 2 Current (Max. Signal)		7.3	4.7	7.0	Ma
Transconductance	4700	6000	5300	5200	μmhos
Plate Resistance	1700	22500	35000	33000	Ohms
Load Resistance	5000	2500	4500	4200	Ohms
Power Output	1.4	6.5	6.5	10.8	Watts
Total Harmonic Distortion	5	10	11	15	Percent

Push-Pull Amplifier	Class A_1		Class AB_1		Class AB_2		
Plate Voltage	250	270	360	360	360	360	Volts
Grid No. 2 Voltage	250	270	270	270	225	270	Volts
Grid No. 1 Voltage	-16	-17.5	-22.5	-22.5	-18	-22.5	Volts
Peak A F Grid to Grid Voltage	32	35	45	45	52	72	Volts
Plate Current (Zero Signal)	120	134	88	88	78	88	Ma
Plate Current (Max. Signal)	140	155	132	140	142	205	Ma
Grid No. 2 Current (Zero Signal)	10	11	5	5	3.5	5	Ma
Grid No. 2 Current (Max. Signal)	16	17	15	11	11	16	Ma
Transconductance (Each Tube)	5500	5700					μmhos
Plate Resistance (Each Tube)	24500	23500					Ohms
Load Resistance	5000	5000	6600	3800	6000	3800	Ohms
Power Output	14.5	17.5	26.5	18	31	47	Watts
Total Harmonic Distortion	2	2	2	2	2	2	Percent

AVERAGE PLATE CHARACTERISTICS