

—Standard Valves—

TYPICAL OPERATING CONDITIONS.

	Class A A.F. Amp. and Mod.	
Direct anode voltage	2,500	2,000 volts
Grid bias	—150	—90 volts
Direct anode current	0.240	0.300 amps.
Load impedance	6,500	4,000 ohms
Undistorted output	130	85 watts

	Class B A.F. Amp. and Mod. For balanced 2 valve circuit	
Direct anode voltage	3,000	2,500 volts
Grid bias	—250	—200 volts
Anode current per valve—zero signal	0.075	0.075 amps.
Anode current per valve—maximum signal	0.600	0.600 amps.
Anode dissipation	800	675 watts
Load resistance—anode to anode	4,500	3,700 ohms
Maximum output—2 valves	2,000	1,650 watts

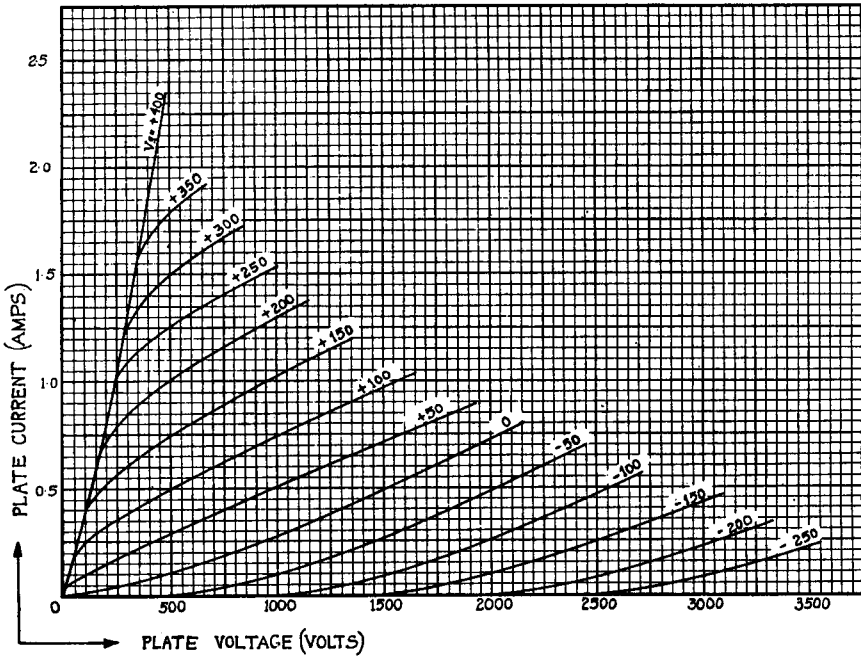
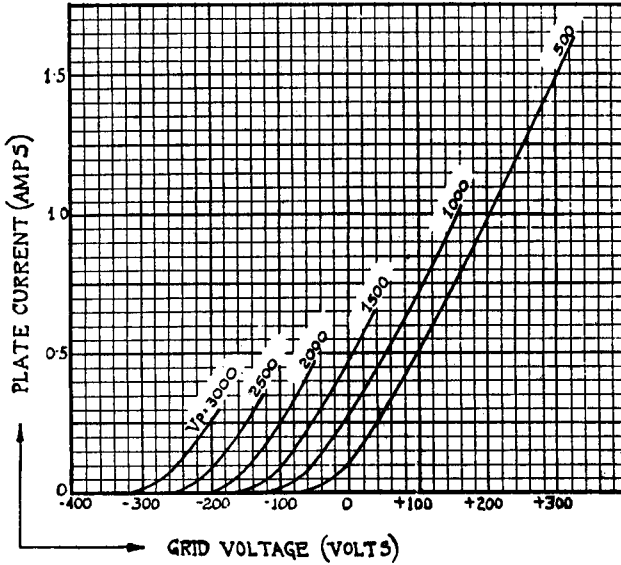
RADIO FREQUENCY OPERATION.

	Class B Telephony		Class C Telephony		Class C Telegraphy	
	Modulated carrier applied to grid		Subject to anode modulation		Unmodulated	
Direct anode voltage	3,000	2,500	2,250	1,750	3,000	2,500 volts
Direct anode current	0.400	0.500	0.400	0.500	0.600	0.600 amps.
Grid bias	—300	—250	—450	—360	—450	—375 to
Carrier output	400	420	600	585	1,200	500 volts
Anode dissipation	800	830	300	290	600	1,000 watts 500 watts

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4251-AX
Valve

These curves are taken with A.C. filament heating, grid and anode voltages being referred to the centre point of the filament.



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