

DATA 1
10-64

6GJ5A

	Triode Connection	Pentode Connection	
Plate Current	—	390 ^c 70	ma
Grid-No.2 Current	—	32 ^c 2.1	ma
Grid-No.1 Voltage (Approx.) for plate ma = 1.	—	— -42	volts

HORIZONTAL-DEFLECTION AMPLIFIER

Maximum Ratings, Design-Maximum Values:

For operation in a 525-line, 30-frame system^d

DC Plate-Supply Voltage	770	max.	volts
Peak Positive-Pulse Plate Voltage ^e	6500	max.	volts
Peak Negative-Pulse Plate Voltage	1500	max.	volts
DC Grid-No.2 (Screen-Grid) Voltage. . . .	220	max.	volts
DC Grid-No.1 (Control-Grid) Voltage . . .	-55	max.	volts
Peak Negative-Pulse Grid-No.1 Voltage . .	330	max.	volts
Cathode Current:			
Peak.	550	max.	ma
Average	175	max.	ma
Grid-No.2 Input	3.5	max.	watts
Plate Dissipation ^f	17.5	max.	watts
Bulb Temperature (At hottest point on bulb surface).	240	max.	°C

Maximum Circuit Values:

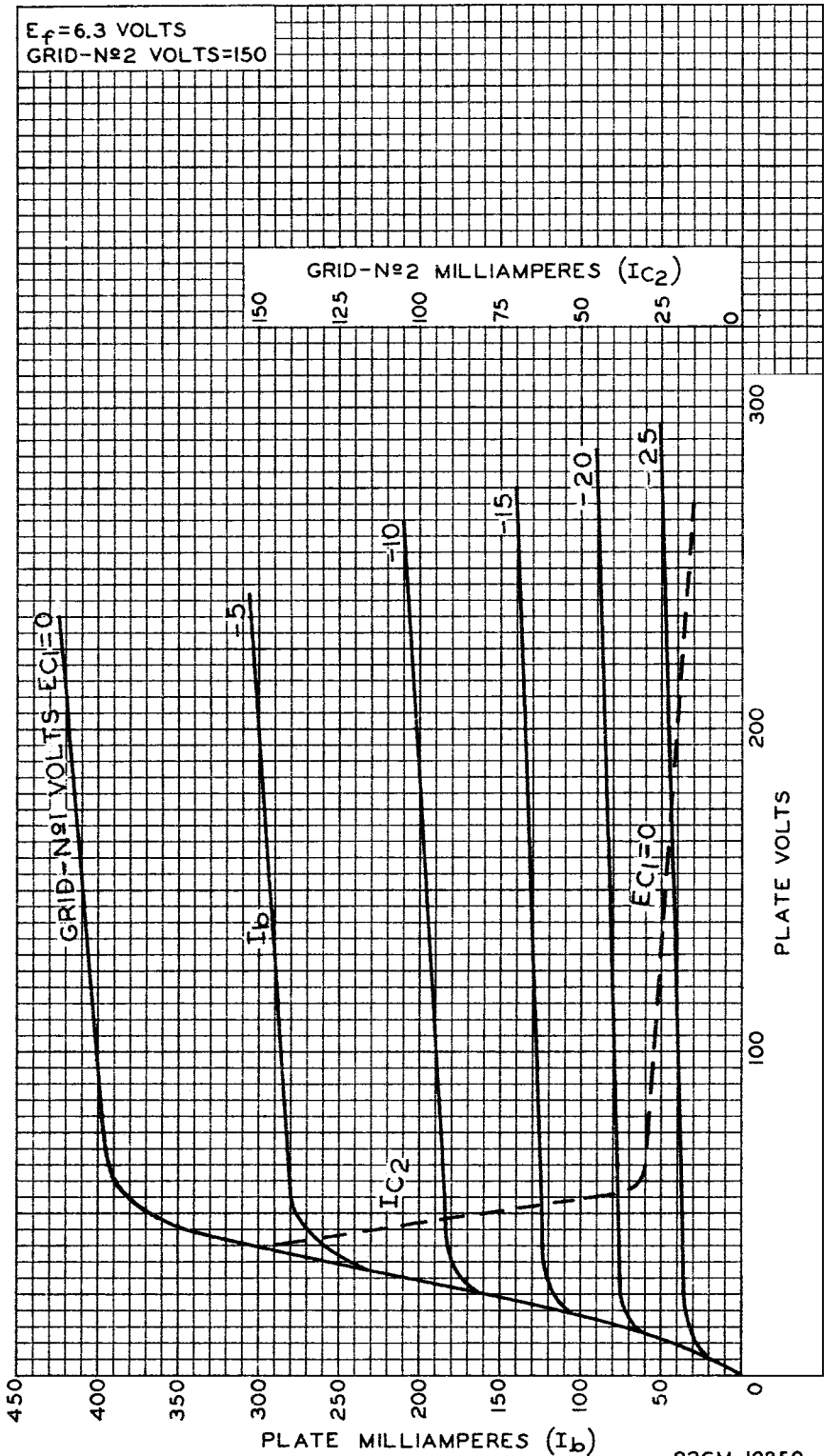
Grid-No.1-Circuit Resistance:

For grid resistor-bias operation. . . . 1 max. megohm

- ^a The dc component must not exceed 100 volts.
- ^b without external shield.
- ^c This value can be measured by a method involving a recurrent wave form such that the maximum ratings of the tube will not be exceeded.
- ^d As described in "Standards of Good Engineering Practice Concerning Television Broadcast Stations," Federal Communications Commission.
- ^e This rating is applicable where the duration of the voltage pulse does not exceed 15 per cent of one horizontal scanning cycle. In a 525-line, 30-frame system, 15 per cent of one horizontal scanning cycle is 10 microseconds.
- ^f An adequate bias resistor or other means is required to protect the tube in the absence of excitation.



AVERAGE CHARACTERISTICS



92CM-10859

