



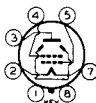
IQ5-GT/IQ5-G

BEAM POWER AMPLIFIER



IQ5-GT

Filament	Coated	
Voltage	1.4	d-c volts
Current	0.1	amp.
Maximum Overall Length		3-5/16"
Maximum Seated Height		2-3/4"
Maximum Diameter		1-5/16"
Bulb		T-9
Base	Intermediate Shell Octal 7-Pin	
Pin 1—No Connection	Pin 5—Grid	
Pin 2—Filament +	Pin 7—Filament -	
Pin 3—Plate	Pin 8—No Connection	
Pin 4—Screen		
Mounting Position		Any



BOTTOM VIEW (G-6AF)

AMPLIFIER

Plate Voltage		110 max.	volts
Screen Voltage		110 max.	volts
Zero-Signal Cathode Current		12 max.	ma.
<i>Typical Operation and Characteristics - Class A₁ Amplifier:</i>			
Plate	85	90	volts
Screen	85	90	volts
Grid	-5	-4.5	volts
Peak A-F Grid Voltage	5	4.5	volts
Zero-Sig. Plate Cur.	7.0	9.5	ma.
Zero-Sig. Screen Cur.	0.8	1.3	<u>approx. ma.</u>
Plate Resistance	70000	75000	<u>approx. ohms</u>
Transconductance	1950	2200	μmhos
Load Resistance	9000	8000	ohms
Total Harmonic Dist.	5.5	6.0	%
Max.-Sig. Power Output	250	270	mw.

← Indicates a change.

July 1, 1941

RCA RADOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

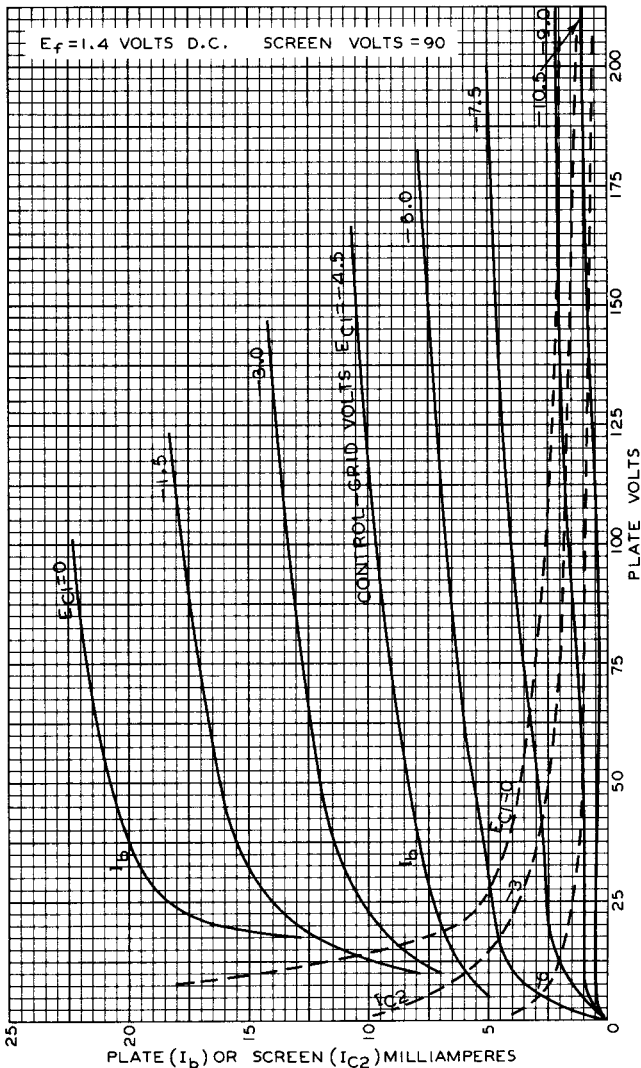
DATA

1Q5-GT



1Q5-GT

AVERAGE PLATE CHARACTERISTICS



JUNE 3, 1941

RCA RADOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

92C-6293