



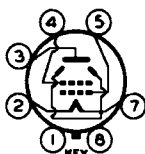
IQ5-GT/IQ5-G

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 approx. ma.
Plate Resistance	70000	75000 approx. ohms
Transconductance	1950	2200 μ mhos
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.

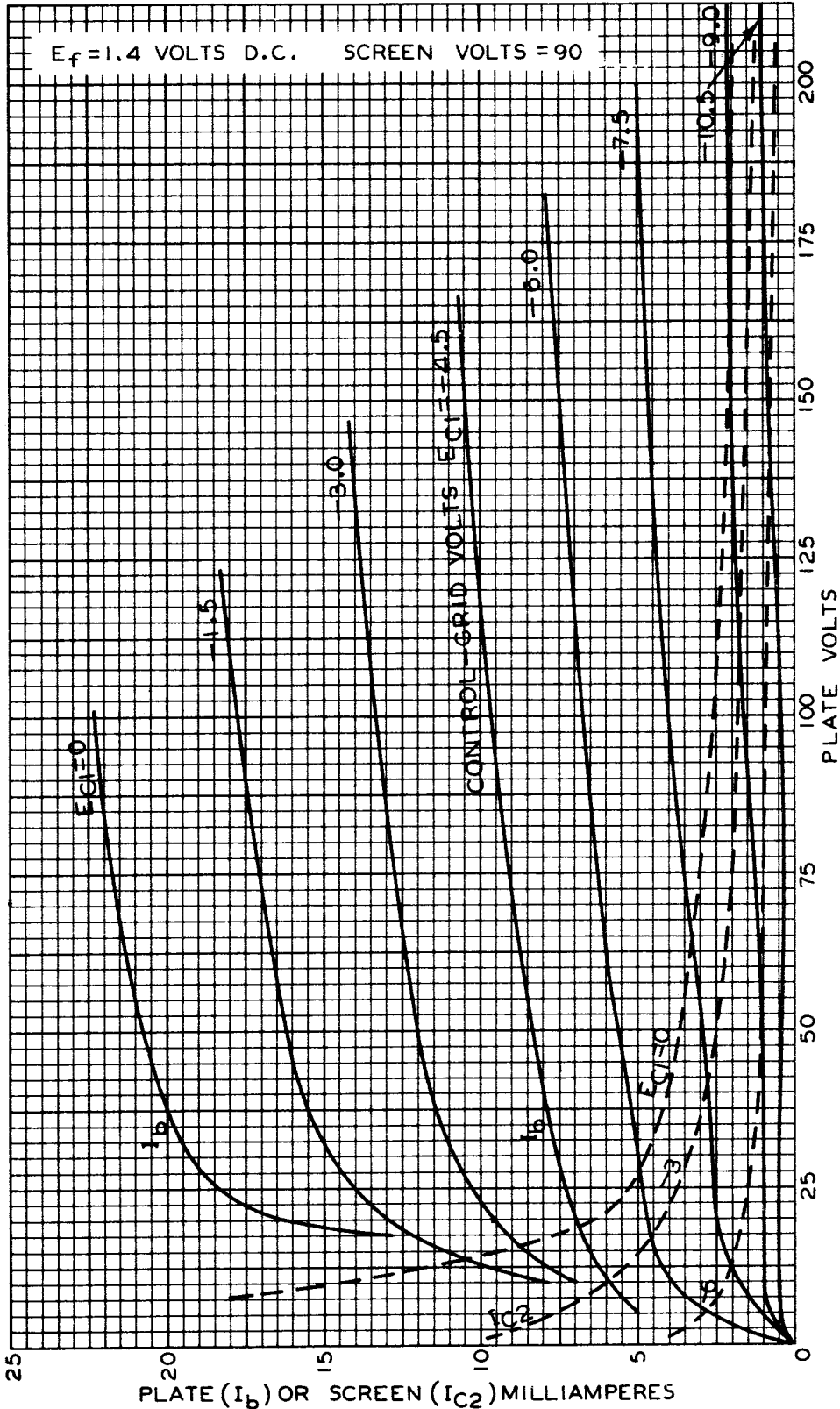
DATA

1Q5-GT



1Q5-GT

AVERAGE PLATE CHARACTERISTICS



JUNE 3, 1941

RCA RADOTRON DIVISION
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92C-6293