



26A6

R-F AMPLIFIER PENTODE

MINIATURE REMOTE-CUTOFF TYPE

For use with 12-cell storage-battery supply

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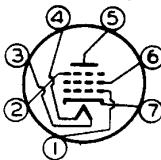
GENERAL DATA

Electrical:

Heater, for Unipotential Cathode:			
Voltage.	26.5	ac or dc volts
Current.	0.07	. . . . .	amp
Direct Interelectrode Capacitances: ⁰			
Grid No.1 to Plate . . .	0.0035 max.	. . . . .	μf
Input.	6.0	. . . . .	μf
Output	5.0	. . . . .	μf

Mechanical:

Mounting Position. . . . .	. . . . .	. . . . .	Any
Maximum Overall Length . . . . .	. . . . .	. . . . .	2-1/8"
Maximum Seated Length. . . . .	. . . . .	. . . . .	1-7/8"
Length from Base Seat to			
Bulb Top (excluding tip) . . . . .	. . . . .	. . . . .	1-1/2" ± 3/32"
Maximum Diameter . . . . .	. . . . .	. . . . .	3/4"
Bulb . . . . .	. . . . .	. . . . .	T-5-1/2
Base . . . . .	. . . . .	Miniature Button	7-Pin
Basing Designation for BOTTOM VIEW			7BK ₁
Pin 1-Grid No.1		Pin 4-Heater	
Pin 2-Grid No.3,		Pin 5-Plate	
Internal Shield		Pin 6-Grid No.2	
Pin 3-Heater		Pin 7-Cathode	



CLASS A₁ AMPLIFIER

Maximum Ratings, Design-Center Values:

PLATE VOLTAGE.	250 max.	volts
GRID-No.2 (SCREEN) VOLTAGE	100 max.	volts
GRID-No.2 SUPPLY VOLTAGE	250 max.	volts
PLATE DISSIPATION.	3 max.	watts
GRID-No.2 DISSIPATION.	0.4 max.	watt
GRID-No.1 (CONTROL GRID) VOLTAGE:		
Negative bias value.	50 max.	volts
Positive bias value.	0 max.	volts
PEAK HEATER-CATHODE VOLTAGE:		
Heater negative with respect to cathode	90 max.	volts
Heater positive with respect to cathode	90 max.	volts

Typical Operation and Characteristics:

Plate Voltage.	26.5	250	volts
Grid No.3 (Suppressor)	Connected to cathode at socket		
Grid-No.2 Voltage.	26.5	100	volts
Grid-No.1 Voltage:			
From a grid-No.1 resistor of	2	-	megohms
From a cathode resistor of	-	125	ohms

⁰ with external shield connected to cathode.

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Plate Resistance (Approx.)	0.25	1.0	megohm
Transconductance	2000	4000	μ mhos
Grid-No.1 Bias (Approx.) for transconductance of 40 μ mhos	-	-25	volts
Grid-No.1 Bias (Approx.) for transconductance of 20 μ mhos	-8	-	volts
Plate Current	1.7	10.5	ma.
Grid-No.2 Current	0.7	4.0	ma.

JUNE 20, 1946

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

TENTATIVE DATA

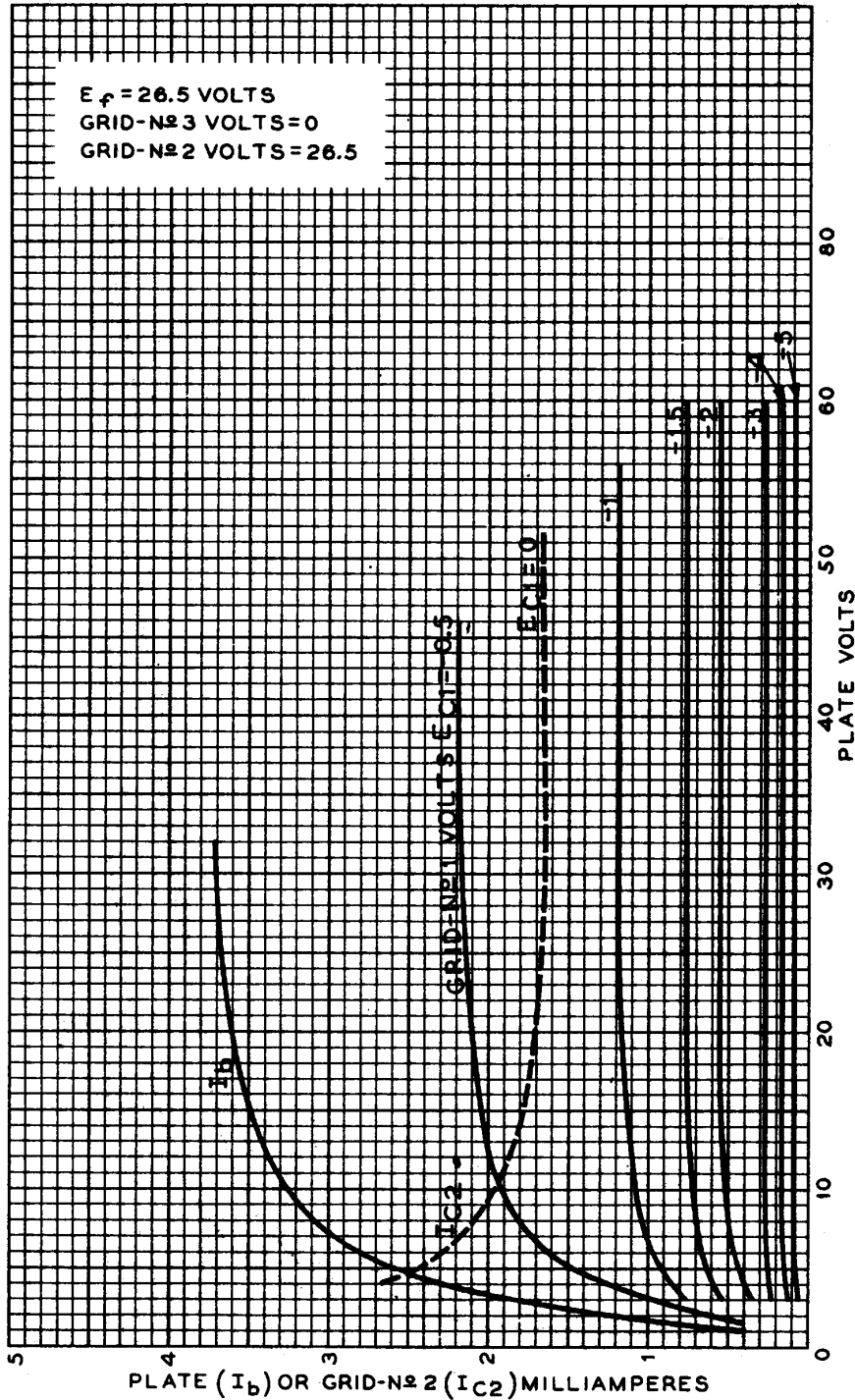


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AVERAGE PLATE CHARACTERISTICS

$E_f = 26.5$ VOLTS
 GRID-N $\#$ 3 VOLTS = 0
 GRID-N $\#$ 2 VOLTS = 26.5



JULY 24, 1946

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

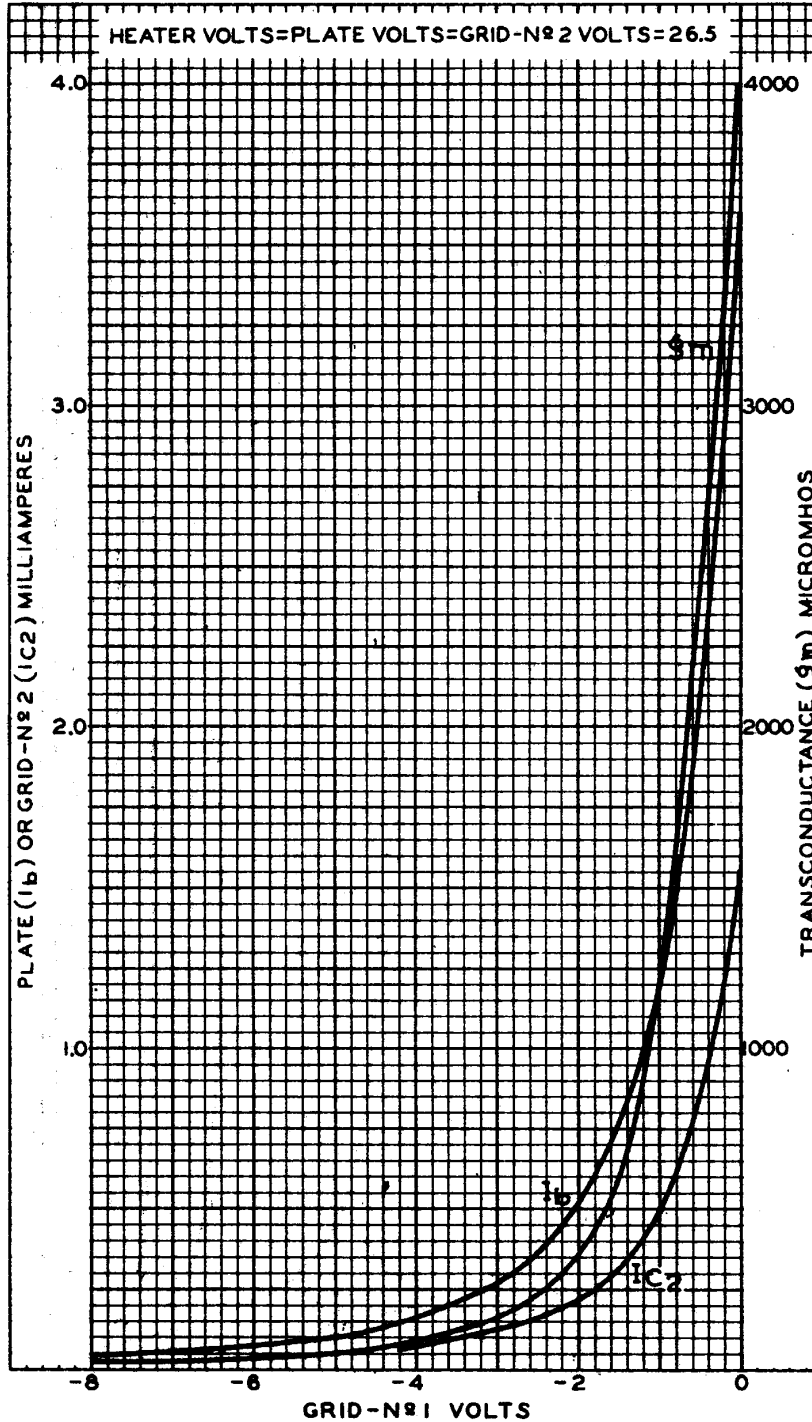
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AVERAGE CHARACTERISTICS



JUNE 25, 1946

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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