



26A6

R-F AMPLIFIER PENTODE

MINIATURE REMOTE-CUTOFF TYPE

For use with 12-cell storage-battery supply

26A6

GENERAL DATA**Electrical:**

Heater, for Unipotential Cathode:

Voltage. 26.5 ac or dc volts

Current. 0.07 amp

Direct Interelectrode Capacitances:⁰Grid 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" $\pm$ 3/32"

Maximum Diameter 3/4"

Bulb T-5-1/2

Base Miniature Button 7-Pin

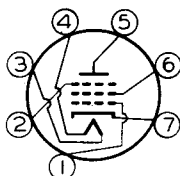
Basing Designation for BOTTOM VIEW 7BK1

Pin 1-Grid No.1

Pin 2-Grid No.3,

Internal Shield

Pin 3-Heater



Pin 4-Heater

Pin 5-Plate

Pin 6-Grid No.2

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	megohms
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

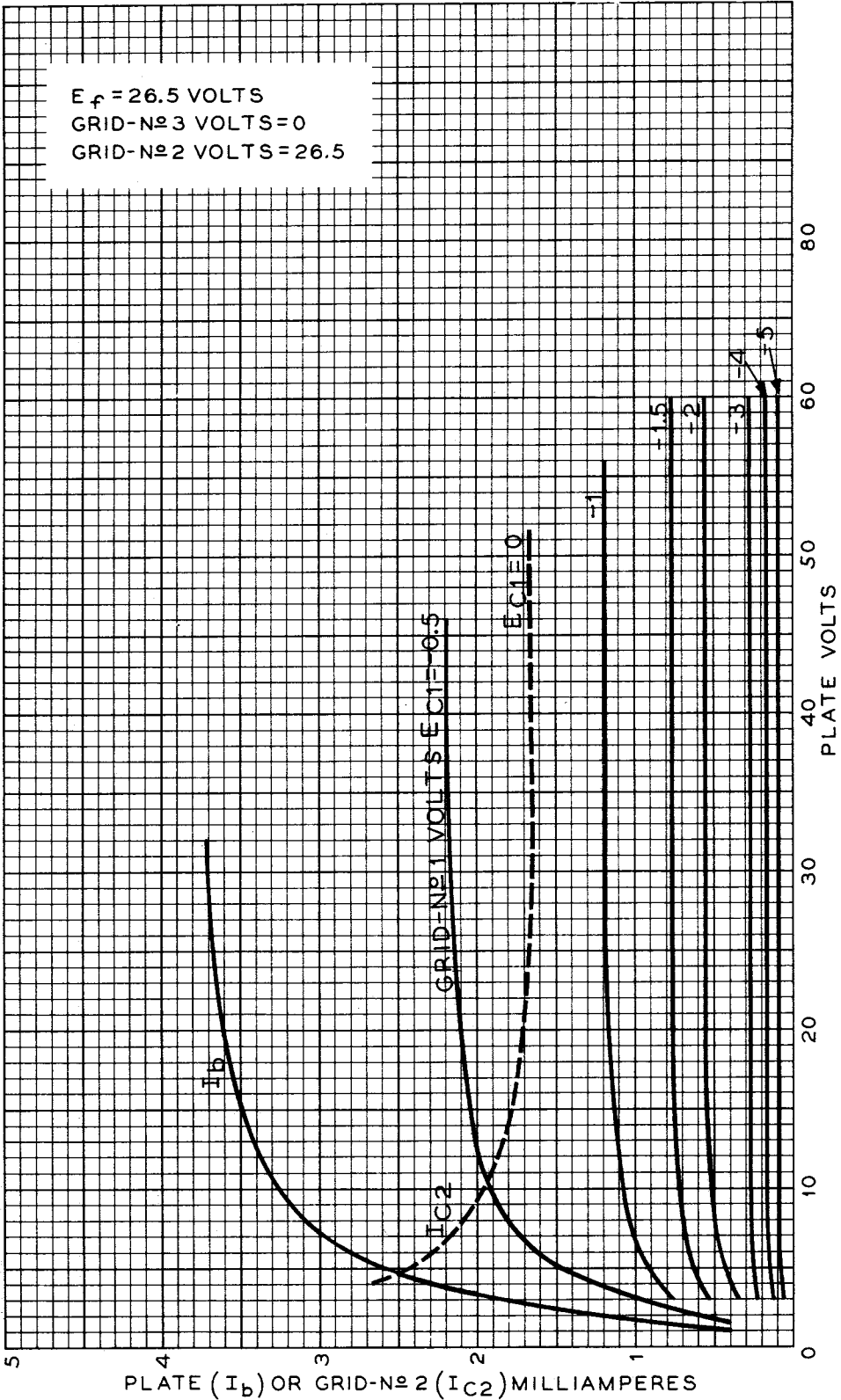
TENTATIVE DATA



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AVERAGE PLATE CHARACTERISTICS



JULY 24, 1946

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

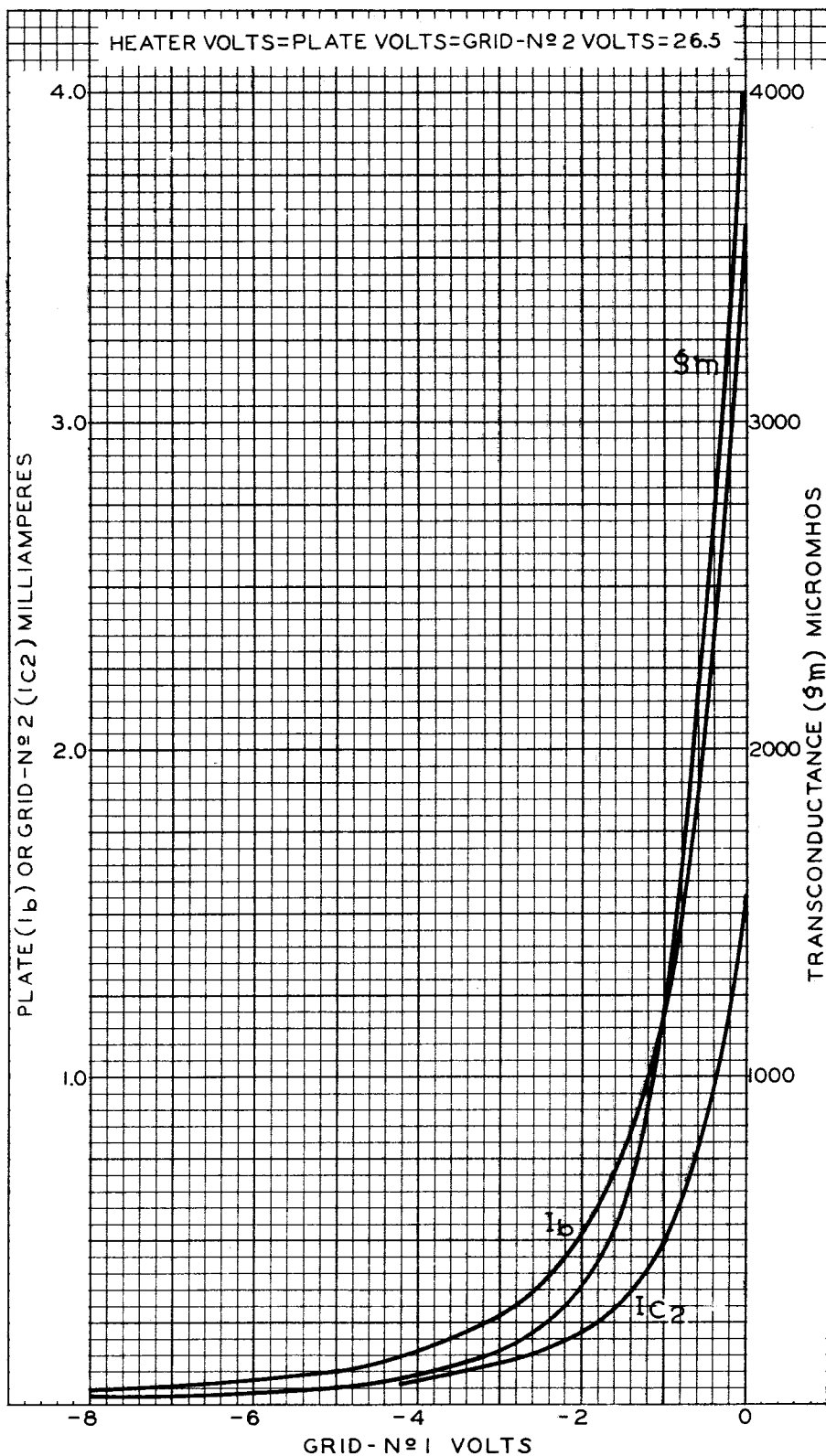
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AVERAGE CHARACTERISTICS



JUNE 25, 1946

TUBE DIVISION

92CM-6778

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AVERAGE PLATE CHARACTERISTICS

