

**26A6****R-F AMPLIFIER PENTODE**

MINIATURE REMOTE-CUTOFF TYPE

For use with 12-cell storage-battery supply

26A6GENERAL 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

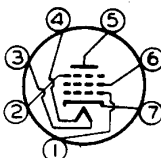
Base Miniature Button 7-Pin

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.

JUNE 20, 1946

TUBE DIVISION

TENTATIVE DATA

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

26A6



26A6

R-F AMPLIFIER PENTODE

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

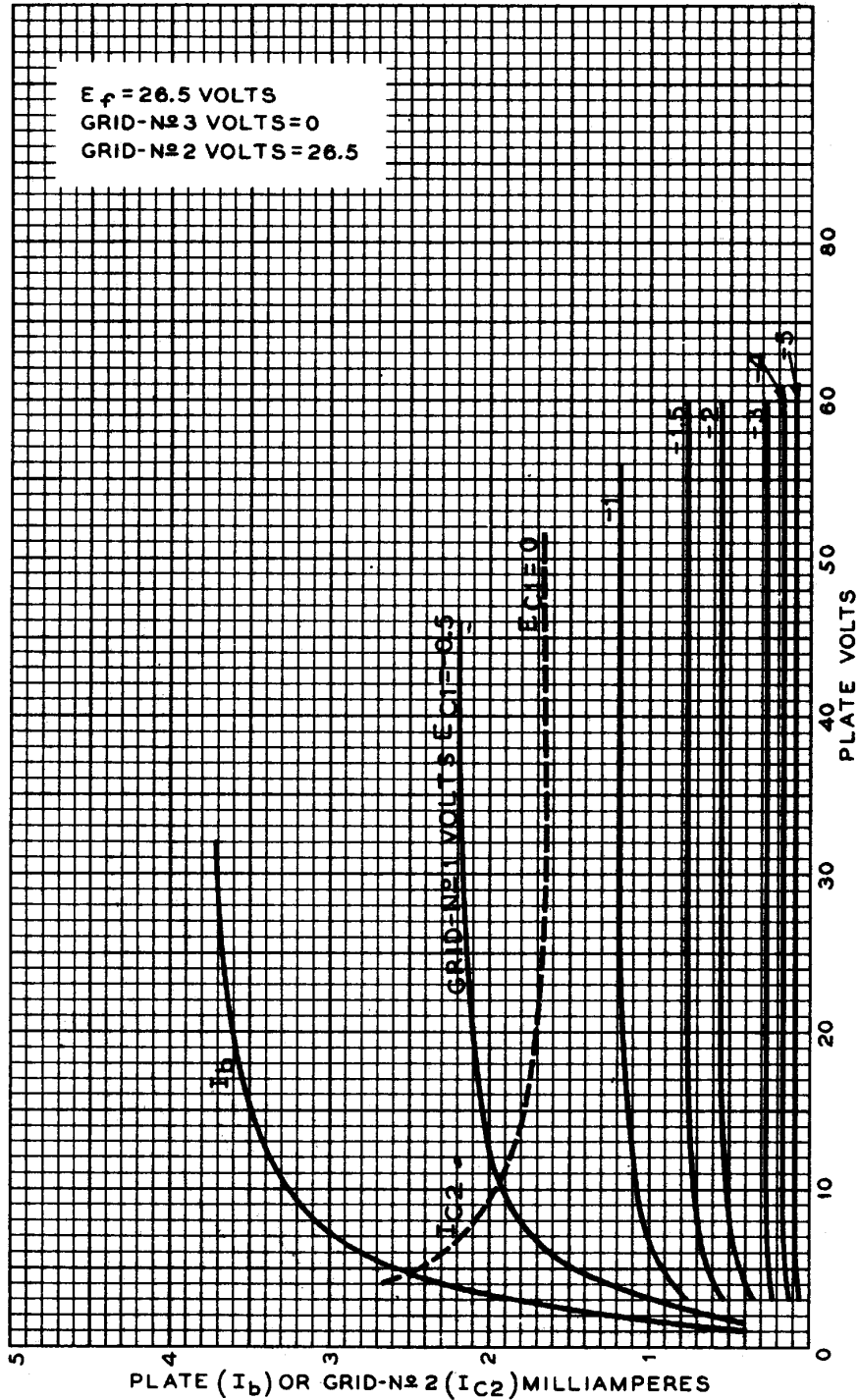
TENTATIVE DATA



26A6

26A6

AVERAGE PLATE CHARACTERISTICS



JULY 24, 1946

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

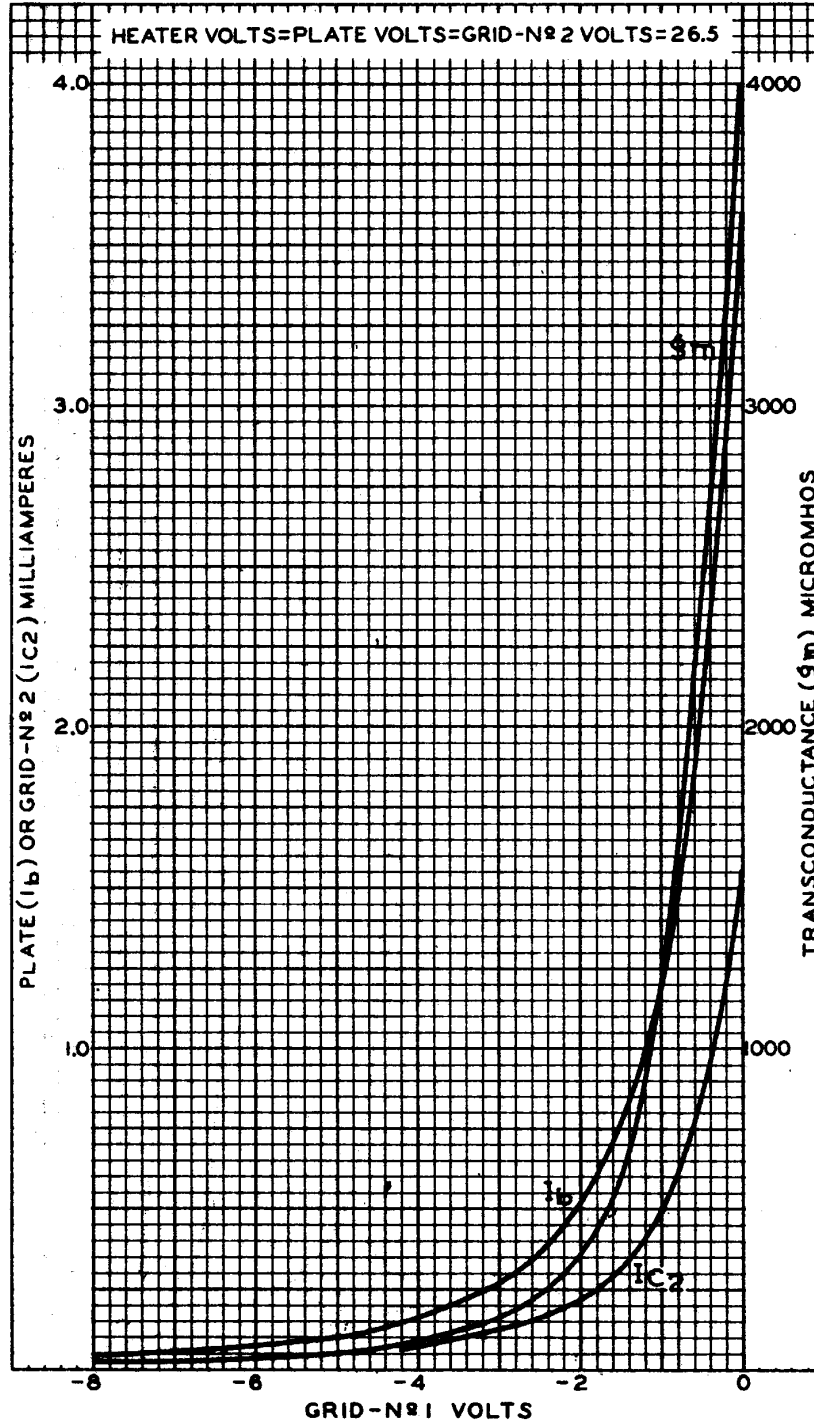
92CM-6788

26A6



26A6

AVERAGE CHARACTERISTICS



JUNE 25, 1946

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

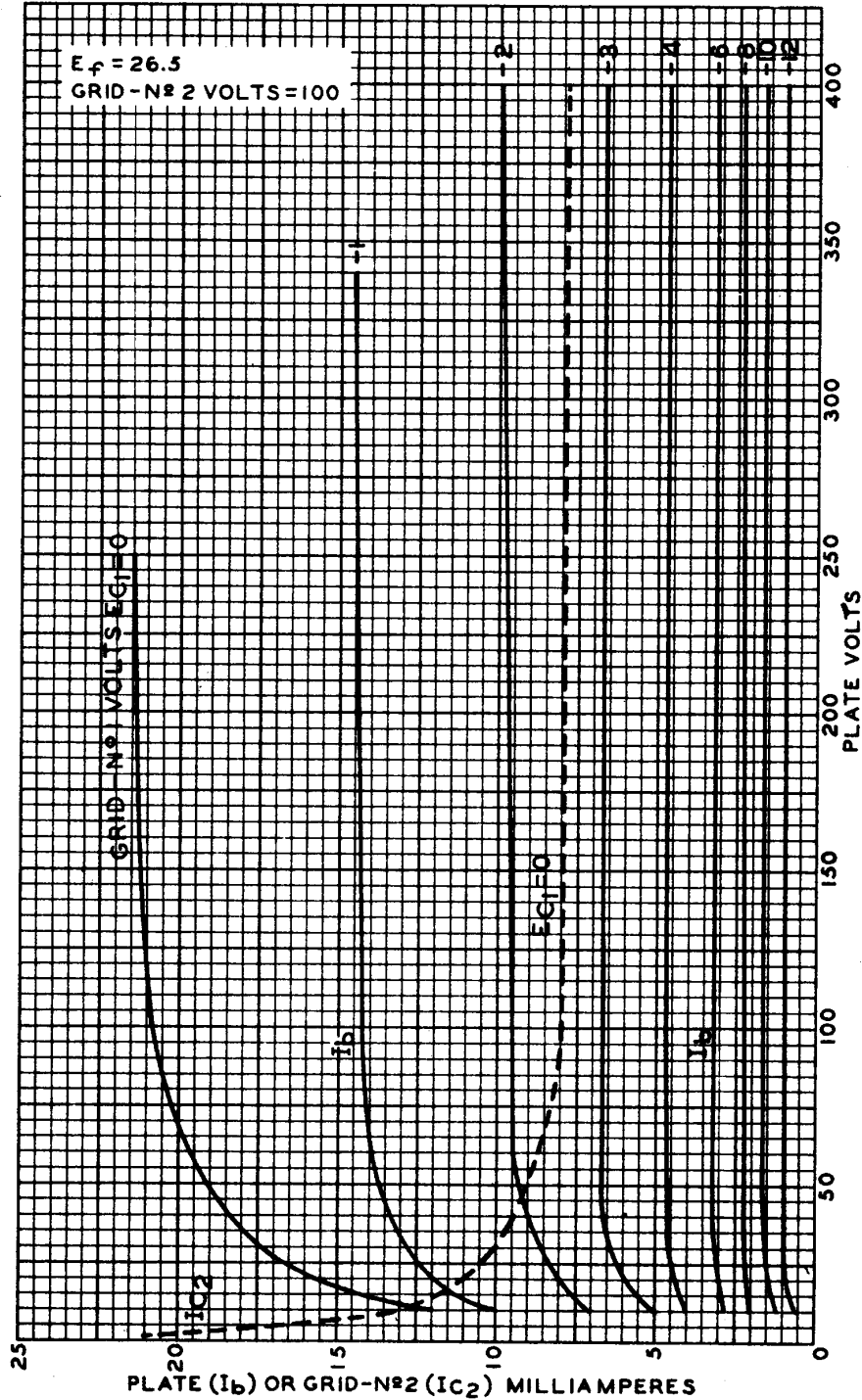
92CM-6778



26A6

26A6

AVERAGE PLATE CHARACTERISTICS



JULY 18, 1946

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

92CM-6784