

6N7
6N7-GT/G



6N7, 6N7-GT/G

CLASS B TWIN AMPLIFIER

(continued from preceding page)

CLASS A₁ AMPLIFIER - As Driver

Both grids connected together at socket; likewise, both plates.

Plate Voltage	300 max. volts
Plate Dissipation (per plate)	1.0 max. watt

Typical Operation:

Plate	250	294	volts
Grid [▲]	-5	-6	volts
Amp. Fact.	35	35	
Plate Res.	11300	11000	ohms
Transcond.	3100	3200	μmhos
Plate Cur.	6	7	ma.

Plate Load—Depends largely on the design factors of the class B amplifier. In general, the load will be between 20000 and 40000 ohms.

Power Output—under max. voltage conditions, upwards of 400 mw. can be obtained.

■ In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

▲ The d-c resistance in the grid circuit of the 6N7 or 6N7-GT/G as a class A amplifier may be as high as 0.5 megohm with cathode bias. With fixed bias, the resistance should not exceed 0.1 megohm.

For additional curves, see Types 6A6 and 53; for data, see RESISTANCE-COUPLED AMPLIFIER CHART.

< Indicates a change.

June 1, 1942

RCA RADIOTRON DIVISION
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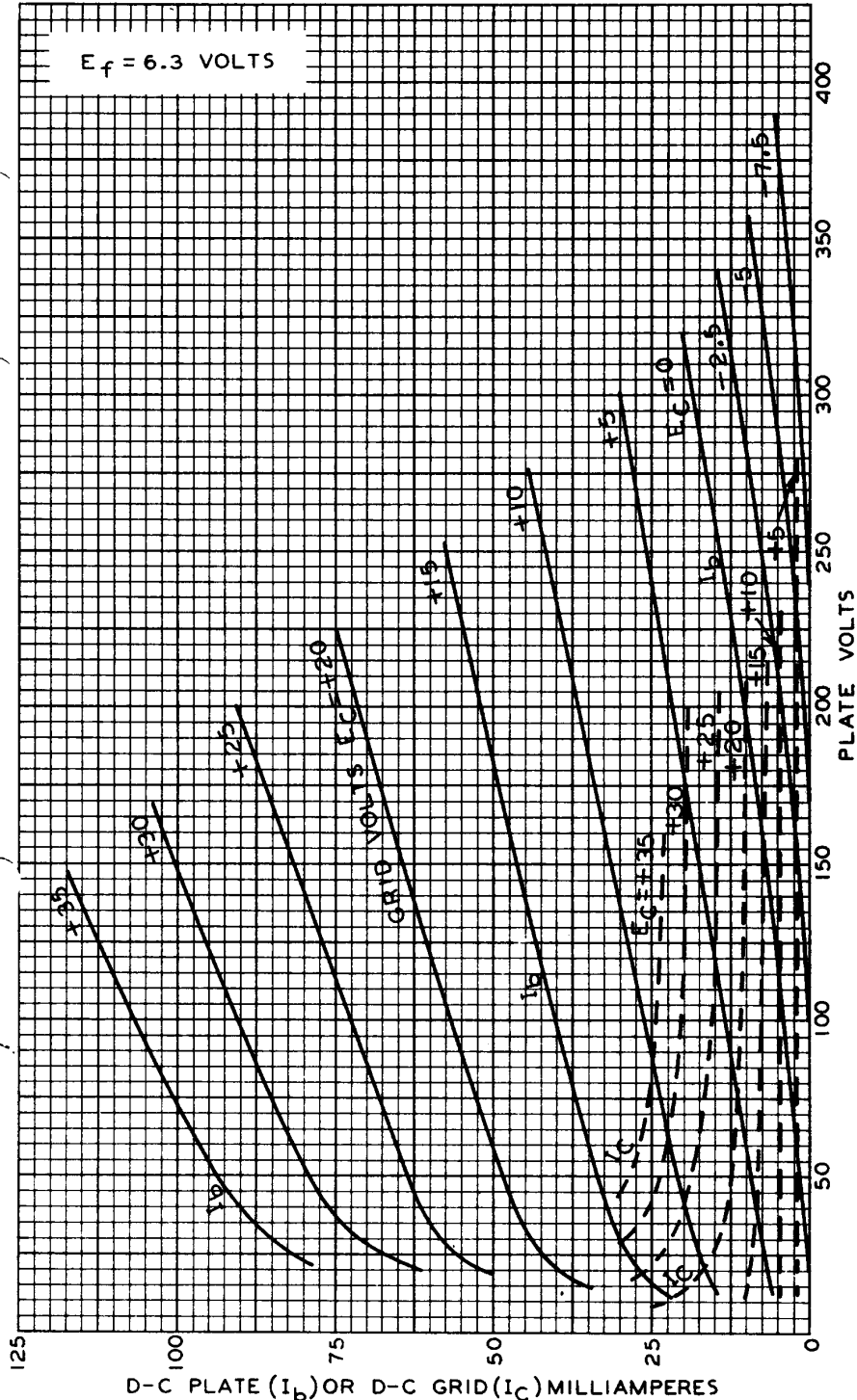
DATA



6N7

6N7

AVERAGE PLATE CHARACTERISTICS EACH TRIODE UNIT



DEC. 18, 1939

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