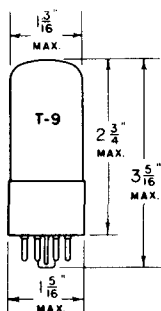


## TUNG-SOL



## BEAM POWER AMPLIFIER

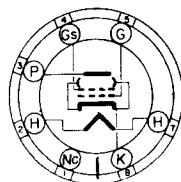
UNIPOENTIAL CATHODE

HEATER

6.3 VOLTS    0.75 AMPERE  
AC OR DC

GLASS BULB

INTERMEDIATE 7 PIN OCTAL BASE



G-7AC

BOTTOM VIEW

THE TUNG-SOL 6U6GT IS A BEAM POWER AMPLIFIER DESIGNED FOR SERVICE IN THE OUTPUT STAGE OF STORAGE BATTERY OPERATED RECEIVERS. IT HAS HIGH POWER SENSITIVITY AND HIGH POWER OUTPUT AT COMPARATIVELY LOW SUPPLY VOLTAGES.

## RATINGS

|                            |     |       |
|----------------------------|-----|-------|
| MAXIMUM PLATE VOLTAGE      | 200 | VOLTS |
| MAXIMUM SCREEN VOLTAGE     | 135 | VOLTS |
| MAXIMUM PLATE DISSIPATION  | 11  | WATTS |
| MAXIMUM SCREEN DISSIPATION | 2   | WATTS |

## TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A<sub>1</sub> AMPLIFIER

|                                      |        |        |        |          |
|--------------------------------------|--------|--------|--------|----------|
| PLATE VOLTAGE                        | 110    | 135    | 200    | VOLTS    |
| SCREEN VOLTAGE                       | 110    | 135    | 135    | VOLTS    |
| CONTROL GRID VOLTAGE                 | -10.5  | -13.5  | -14    | VOLTS    |
| PEAK AF SIGNAL VOLTAGE               | 10.5   | 13.5   | 14     | VOLTS    |
| ZERO SIGNAL PLATE CURRENT            | 44     | 55     | 55     | MA.      |
| ZERO SIGNAL SCREEN CURRENT (NOMINAL) | 4      | 5      | 3      | MA.      |
| MAXIMUM SIGNAL PLATE CURRENT         | 47     | 60     | 62     | MA.      |
| MAXIMUM SIGNAL SCREEN CURRENT (NOM.) | 11     | 15     | 13     | MA.      |
| PLATE RESISTANCE APPROX.             | 10 000 | 10 000 | 20 000 | OHMS     |
| TRANSCONDUCTANCE                     | 5600   | 6200   | 6200   | μMHOS    |
| LOAD RESISTANCE                      | 2000   | 2000   | 3000   | OHMS     |
| TOTAL HARMONIC DISTORTION            | 10     | 10     | 10     | PER CENT |
| POWER OUTPUT                         | 2.0    | 3.3    | 5.5    | WATTS    |

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.

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6U6GT

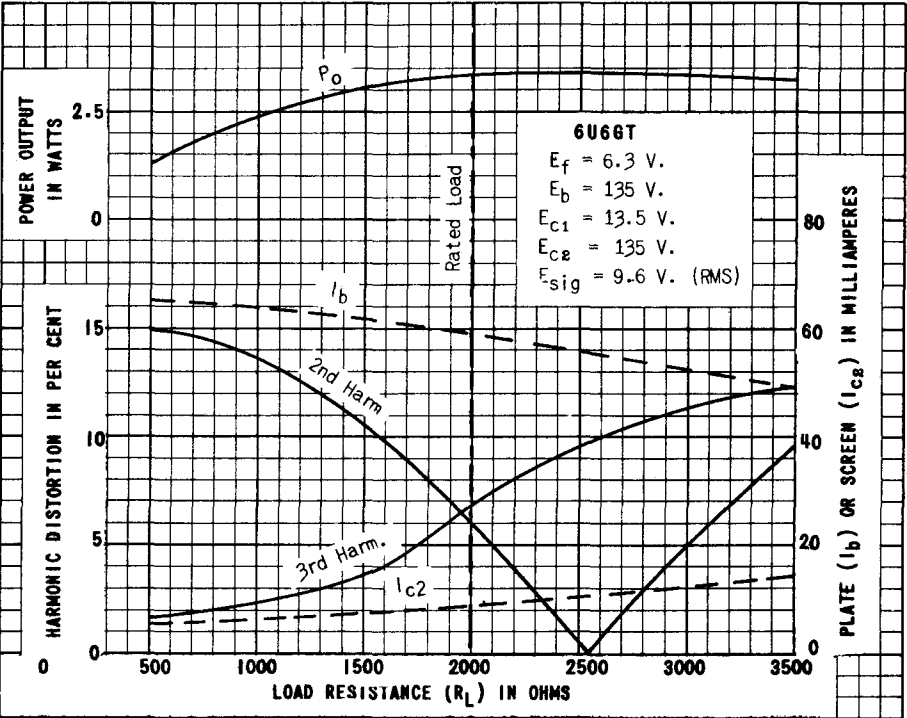
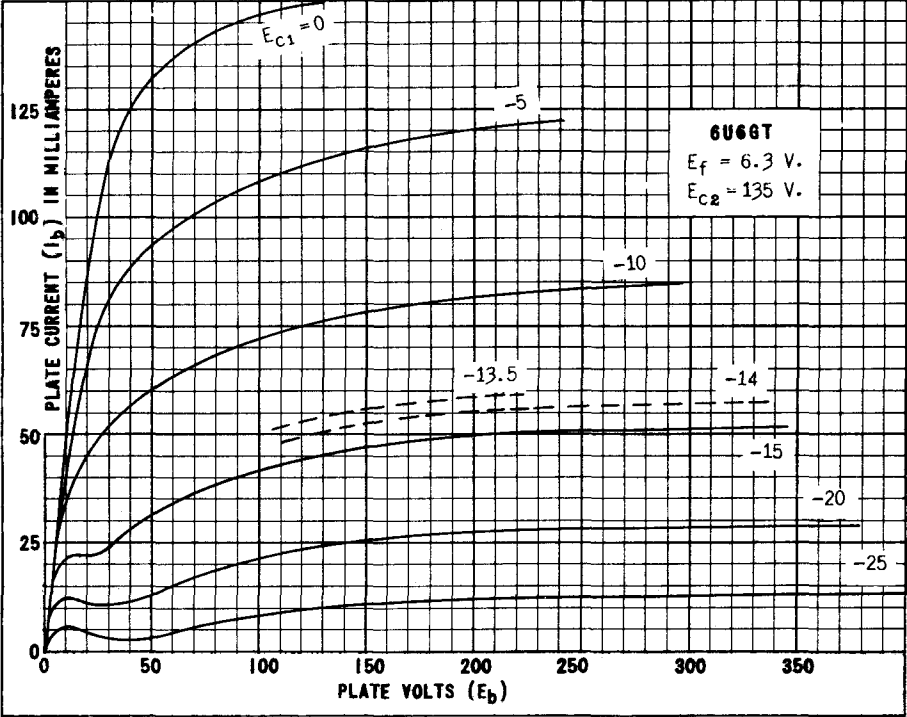


PLATE  
1150-1