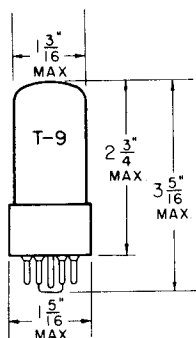


## TUNG-SOL

## PENTODE POWER AMPLIFIER



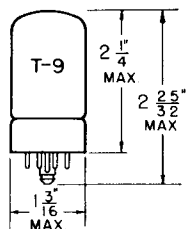
1A5GT/G

COATED FILAMENT

1.4 VOLTS 0.05 AMPERE

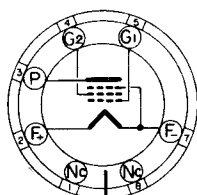
DC

GLASS BULB



1LA4

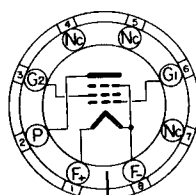
ANY MOUNTING POSITION



BOTTOM VIEW

INTERMEDIATE SHELL

7-PIN OCTAL BASE



BOTTOM VIEW

LOCKING-IN

8-PIN

## RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

|                         |     |       |
|-------------------------|-----|-------|
| MAXIMUM PLATE VOLTAGE   | 110 | VOLTS |
| MAXIMUM SCREEN VOLTAGE  | 110 | VOLTS |
| MAXIMUM CATHODE CURRENT | 6.0 | MA.   |

## TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A<sub>1</sub> AMPLIFIER

|                             |        |        |          |
|-----------------------------|--------|--------|----------|
| PLATE VOLTAGE               | 85     | 90     | VOLTS    |
| SCREEN VOLTAGE              | 85     | 90     | VOLTS    |
| GRID VOLTAGE <sup>A</sup>   | -4.5   | -4.5   | VOLTS    |
| PEAK A-F GRID VOLTAGE       | 4.5    | 4.5    | VOLTS    |
| ZERO-SIG. PLATE CURRENT     | 3.5    | 4.0    | MA.      |
| MAXIMUM SIG. PLATE CURRENT  | 3.5    | 4.0    | MA.      |
| ZERO-SIG. SCREEN CURRENT    | 0.7    | 0.8    | MA.      |
| MAXIMUM SIG. SCREEN CURRENT | 1.0    | 1.1    | MA.      |
| PLATE RESISTANCE            | 0.3    | 0.3    | MEGOHM   |
| TRANSCONDUCTANCE            | 800    | 850    | μMHOS    |
| LOAD RESISTANCE             | 25 000 | 25 000 | OHMS     |
| TOTAL HARMONIC DISTORTION   | 10     | 7.0    | PER CENT |
| MAXIMUM SIG. POWER OUTPUT   | 100    | 115    | MW.      |

<sup>A</sup> RETURN TO NEGATIVE FILAMENT

1A5GT/G (1LA4)

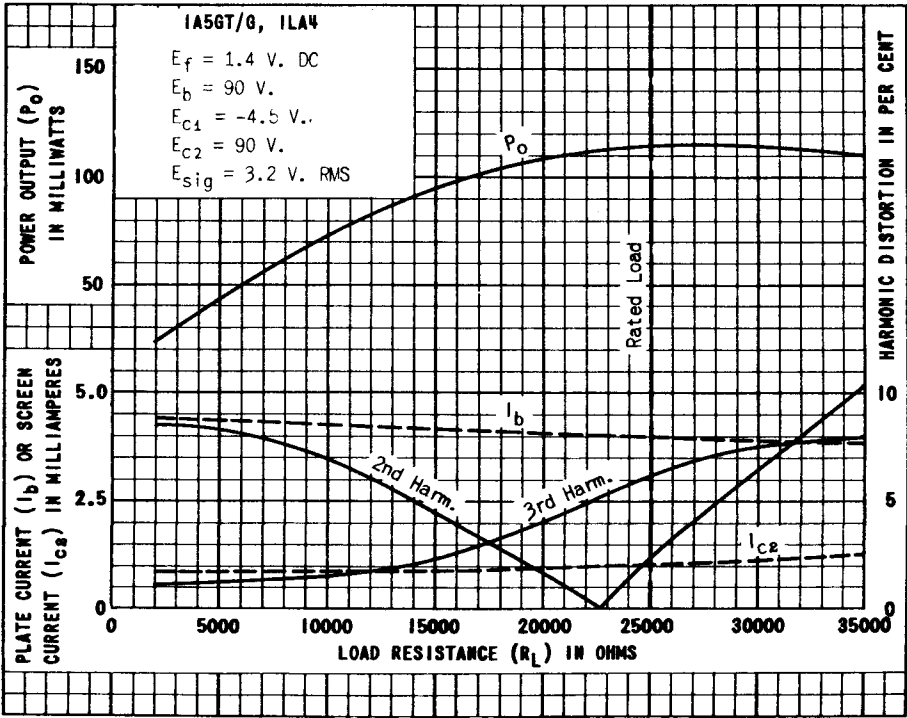
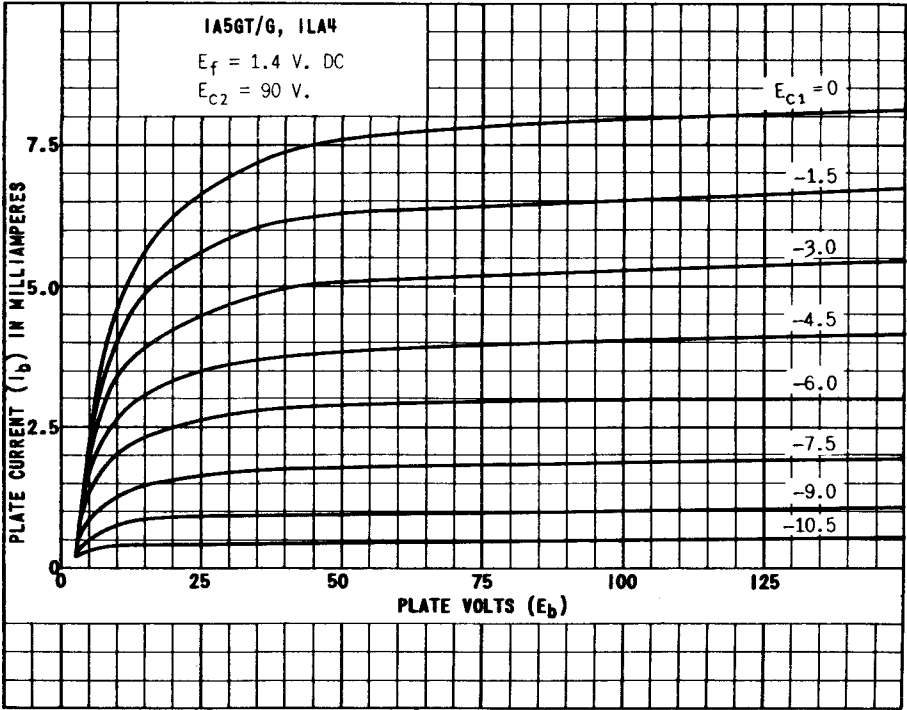


PLATE 1524  
JAN. 11 1945