



Operating characteristics as R.F. or I.F. amplifier  
 Caractéristiques d'utilisation en amplificateur H.F.  
 ou M.F.

Betriebsdaten als HF- oder ZF-Verstärker

|           |   |                               |      |                               |              |
|-----------|---|-------------------------------|------|-------------------------------|--------------|
| $V_a=V_b$ | = | 250                           |      | 200                           | V            |
| $V_{g3}$  | = | 0                             |      | 0                             | V            |
| $R_{g2}$  | = | 51                            |      | 24                            | k $\Omega$   |
| $R_k$     | = | 160                           |      | 130                           | $\Omega$     |
| $V_{g1}$  | = | $\overbrace{-1,95 \quad -20}$ |      | $\overbrace{-1,95 \quad -20}$ | V            |
| $I_a$     | = | 9                             | -    | 11,1                          | - mA         |
| $I_{g2}$  | = | 3                             | -    | 3,8                           | - mA         |
| $S$       | = | 3,5                           | 0,24 | 3,85                          | 0,16 mA/V    |
| $R_i$     | = | 0,9                           | -    | 0,55                          | - M $\Omega$ |
| $R_{eq}$  | = | 4,2                           | -    | 4,2                           | - k $\Omega$ |
| $g^1)$    | = | 95                            | -    | 102                           | - $\mu$ A/V  |

|            |   |                           |      |                           |              |
|------------|---|---------------------------|------|---------------------------|--------------|
| $V_a=V_b$  | = | 250 <sup>2)</sup>         |      | 200 <sup>2)</sup>         | V            |
| $V_{g3}$   | = | 0                         |      | 0                         | V            |
| $R_{g2}$   | = | 62                        |      | 33                        | k $\Omega$   |
| $R_k$      | = | 0                         |      | 0                         | $\Omega$     |
| $R_{g1}$   | = | 10                        |      | 10                        | M $\Omega$   |
| $V_R(g_1)$ | = | $\overbrace{0 \quad -20}$ |      | $\overbrace{0 \quad -20}$ | V            |
| $I_a$      | = | 9                         | -    | 11,25                     | - mA         |
| $I_{g2}$   | = | 2,9                       | -    | 3,9                       | - mA         |
| $S$        | = | 4,7                       | 0,22 | 5,15                      | 0,15 mA/V    |
| $R_i$      | = | 825                       | -    | 550                       | - k $\Omega$ |
| $R_{eq}$   | = | 2,4                       | -    | 2,5                       | - k $\Omega$ |

<sup>1)</sup> Input conductance at  $f = 50$  Mc/s  
 Conductance d'entrée à  $f = 50$  MHz  
 Eingangsleitwert bei  $f = 50$  MHz

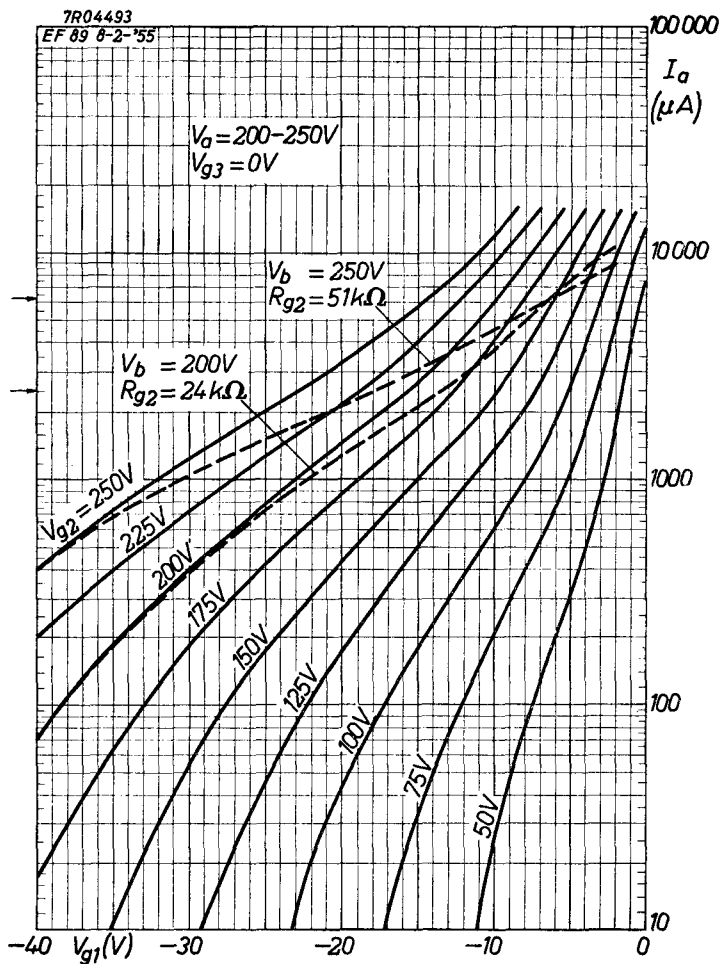
<sup>2)</sup> See page 1  
 Voir page 1  
 Siehe Seite 1

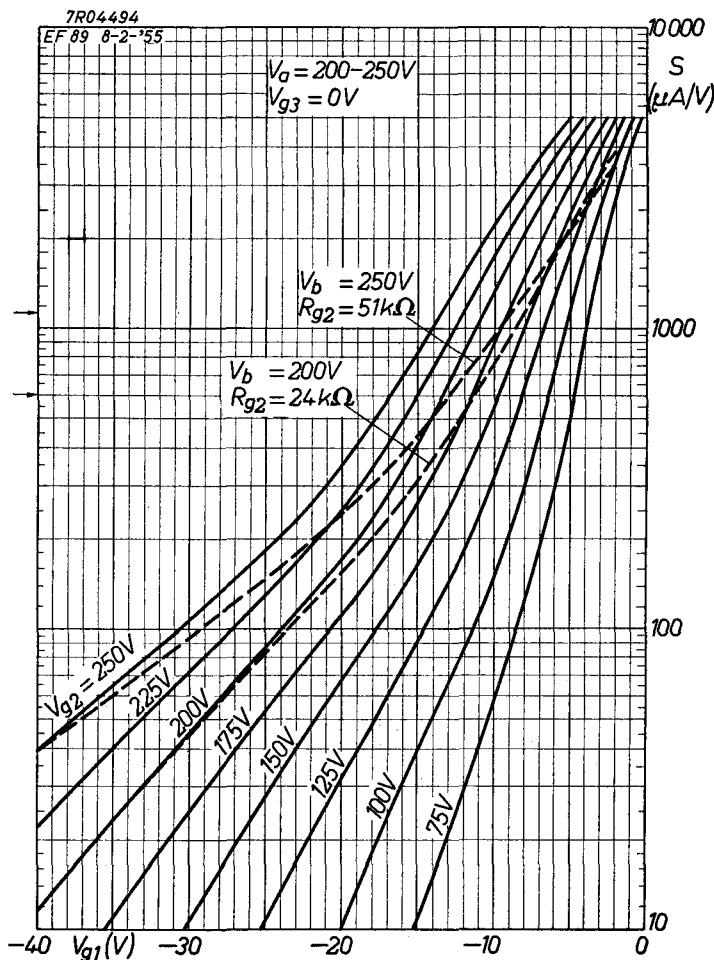
Limiting values  
Caractéristiques limites  
Grenzdaten

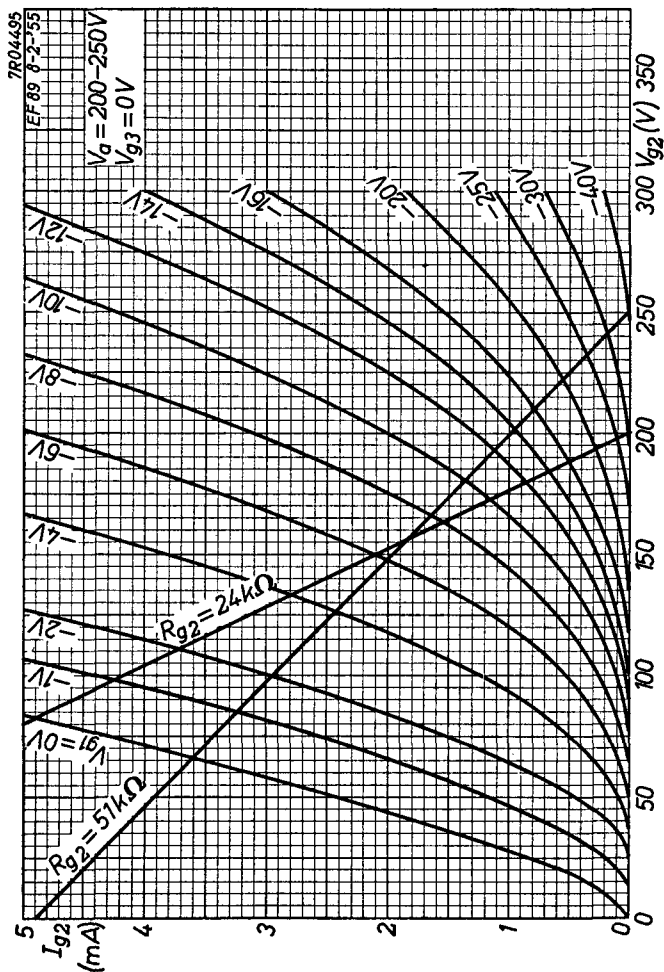
|           |        |                            |
|-----------|--------|----------------------------|
| $V_{a0}$  | = max. | 550 V                      |
| $V_a$     | = max. | 300 V                      |
| $W_a$     | = max. | 2,25 W                     |
| $V_{g20}$ | = max. | 550 V                      |
| $V_{g2}$  | = max. | 300 V                      |
| $W_{g2}$  | = max. | 0,45 W                     |
| $I_k$     | = max. | 16,5 mA                    |
| $R_{g1}$  | = max. | 3 M $\Omega$ <sup>1)</sup> |
| $R_{g3}$  | = max. | 10 k $\Omega$              |
| $R_{kf}$  | = max. | 20 k $\Omega$              |
| $V_{kf}$  | = max. | 100 V                      |

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<sup>1)</sup> With grid current biasing  $R_{g1} = \text{max. } 22 \text{ M}\Omega$   
 Si  $V_{g1}$  est obtenue seulement par moyen de  $R_{g1}$ ,  
 $R_{g1} = \text{max. } 22 \text{ M}\Omega$   
 Wenn  $V_{g1}$  nur mittels  $R_{g1}$  erhalten wird ist  
 $R_{g1} = \text{max. } 22 \text{ M}\Omega$

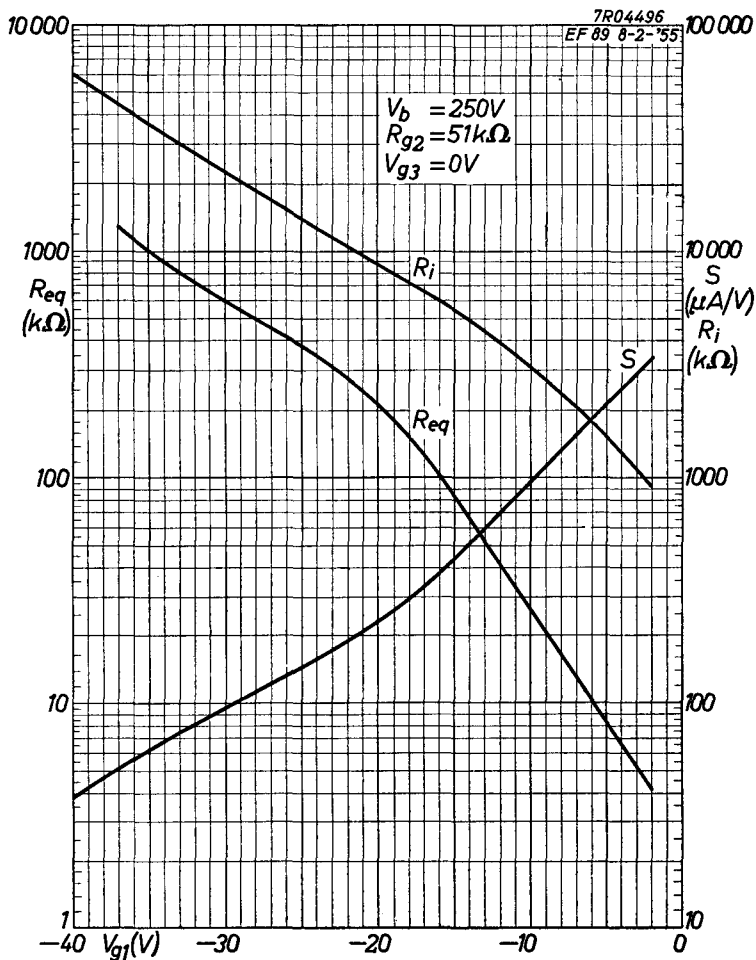
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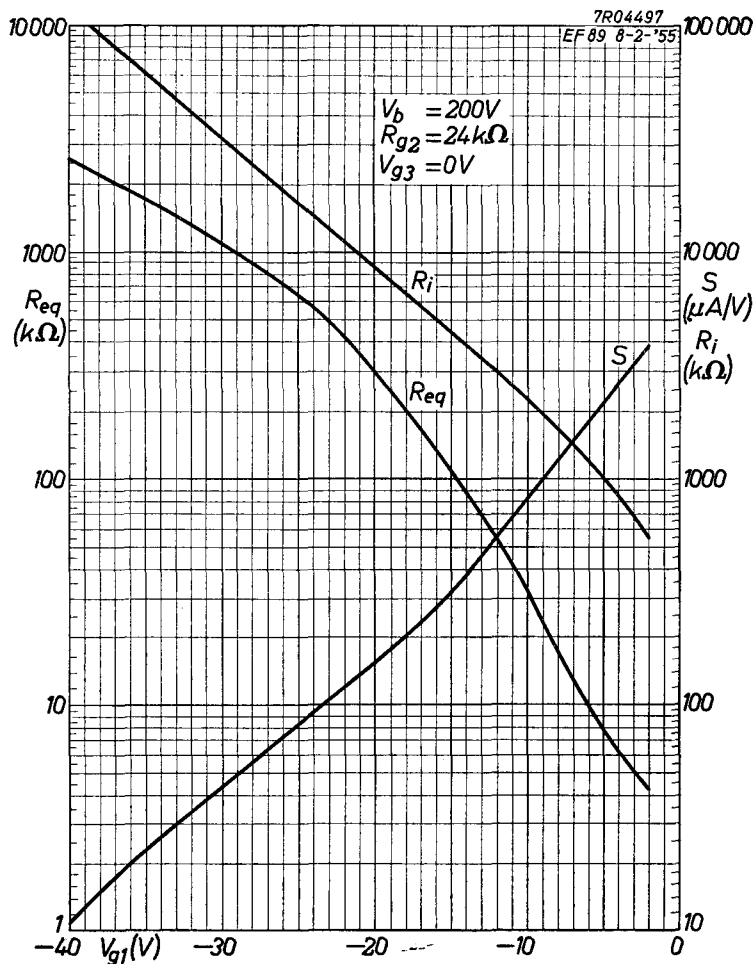
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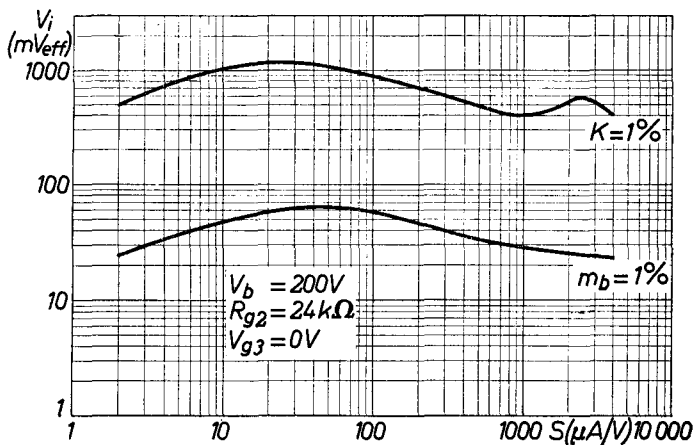
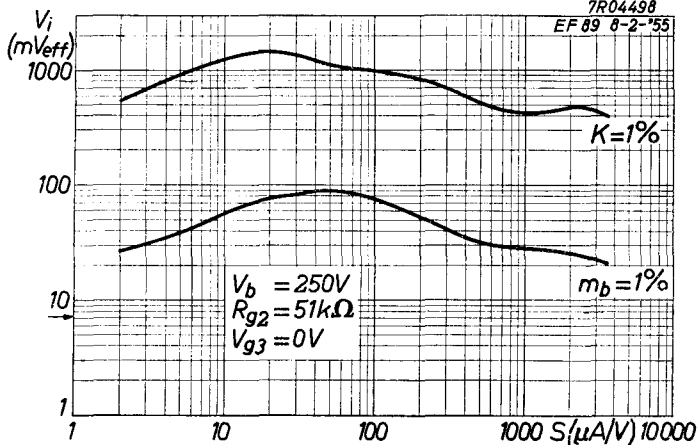


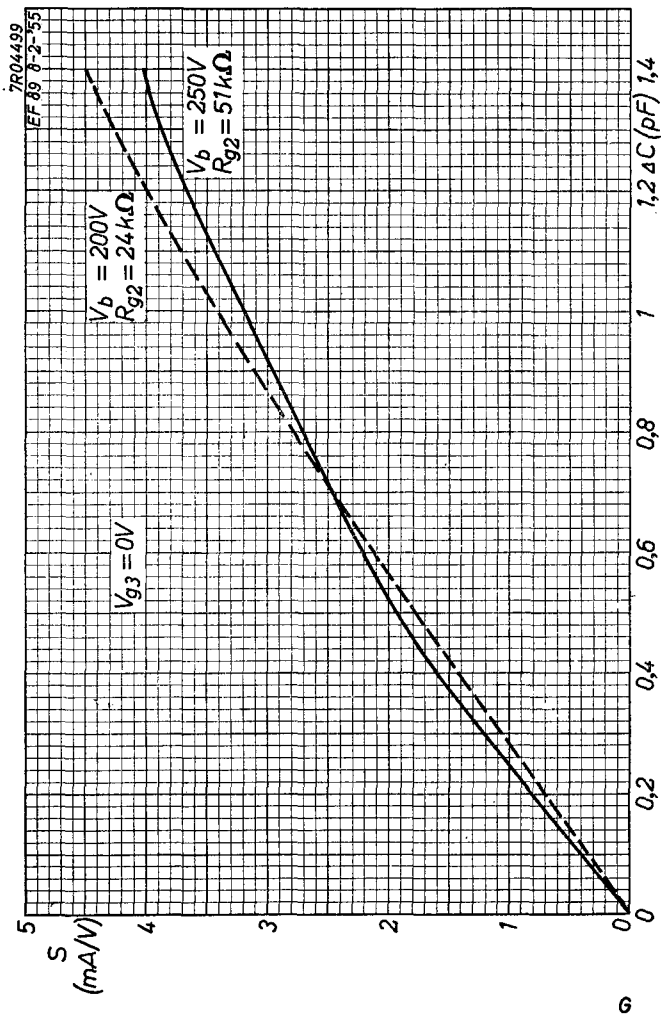
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| 4    | A     | 1955.04.04 |
| 5    | B     | 1955.03.03 |
| 6    | C     | 1955.03.03 |
| 7    | D     | 1955.03.03 |
| 8    | E     | 1955.03.03 |
| 9    | F     | 1955.03.03 |
| 10   | G     | 1955.03.03 |
| 11   | FP    | 1999.06.29 |