Date:

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2.
$$V_{c}(t) = 20 \cos(2\pi \cdot \omega^{2} t)$$

Vs(+)= 2 Cos(R. 696)

Null corrier pertama > 3 = 2,4

= 12.000 Hz - 12 KHz

$$P = \frac{A_c^2}{2R} = \frac{20^2}{2R} = 200 \text{ W/}2$$

b.
$$0,9$$
 $0,9$ $0,6$ 0

$$D5' = Am'. K_5$$

$$D5' = 4.6 > 24 K M_3$$

$$B' = \frac{Am'. K_5}{f_{m'}} = \frac{4.6}{12 k M_2}$$

$$= 2$$

No.

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$$BW = 2 (\Delta + f + f - m') = 2 (24 k H_2 + 12 k H_2)$$

= 72 k H₃

$$P = \frac{Ae^2}{2R} = \frac{20^2}{2R} = 200 \text{ W/} \Omega$$