(4)

quinta-feira, 18 de novembro de 2021 23:03

$$f = \frac{1}{2\pi . R . C}$$

$R_{min} = 1K\Omega$

$R_{MAX} = 1K\Omega + 10K\Omega = 11K\Omega$

$$f_{min} = \frac{1}{2\pi . 11 \times 10^{3} \times 0{,}01 \times 10^{-6}} \simeq 1{,}446\,KHz$$

$$f_{MAX} = \frac{1}{2\pi \times 1 \times 10^{3} \times 0{,}01 \times 10^{-6}} = 15{,}915\,KHz$$