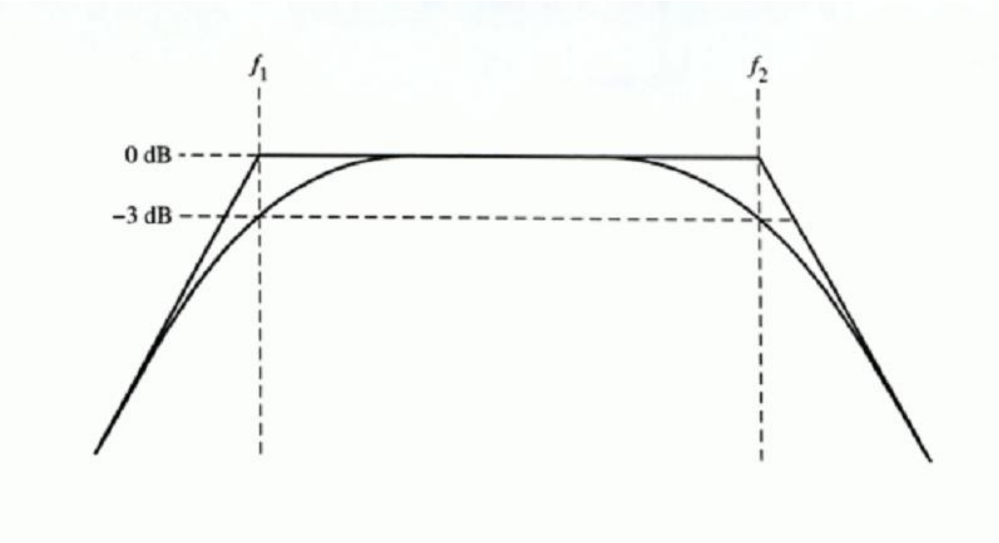
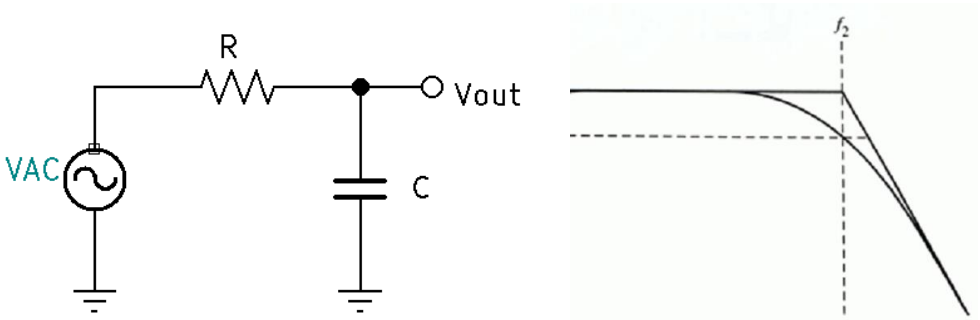
Bode Plot:

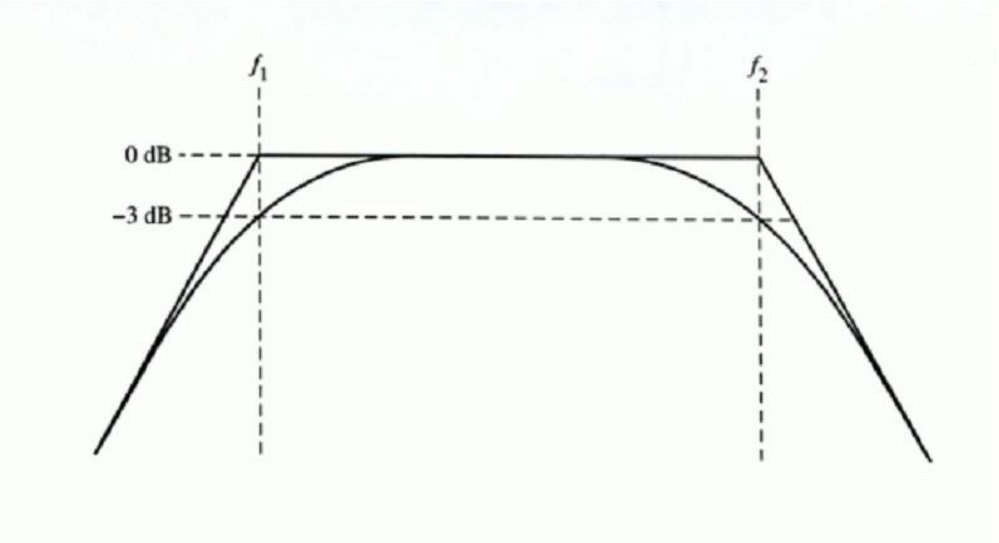


High Frequency:

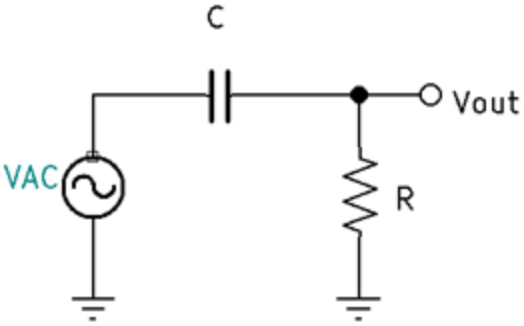


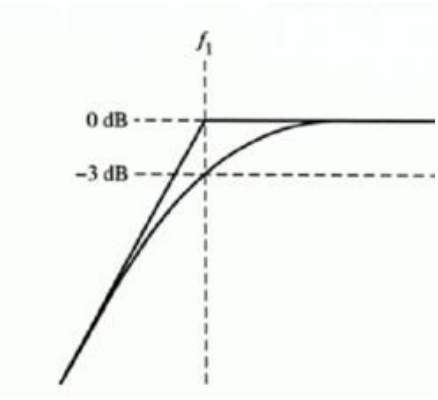
- $\frac{Vout}{Vin} = \frac{1}{\sqrt{1+\left(\frac{f}{f_2}\right)^2}}$
- $Vout\ \%\ of\ Vin = 100\% \times \frac{1}{\sqrt{1+(\frac{f}{f_2})^2}}$
- $\Delta v_{dB} = 20log\frac{1}{\sqrt{1+(\frac{f}{f_2})^2}}$
- $-\theta = Cos^{-1}\frac{1}{\sqrt{1+(\frac{f}{f_2})^2}}$

Bode Plot:



Low Frequency:





- $\frac{Vout}{Vin} = \frac{1}{\sqrt{1+\left(\frac{f_1}{f}\right)^2}}$
- $Vout\ \%\ of\ Vin = 100\% \times \frac{1}{\sqrt{1+(\frac{f_1}{f})^2}}$
- $\Delta v_{dB} = 20log\frac{1}{\sqrt{1+(\frac{f_1}{f})^2}}$
- $\theta = Cos^{-1}\frac{1}{\sqrt{1+(\frac{f_1}{f})^2}}$