

12e) Pour $f = 1768 \text{ Hz}$:

$$\left\{ \begin{aligned} G &= 20 \log \left[|T_1| \cdot \frac{1}{\sqrt{1 + \left(\frac{1768}{996,5} \right)^2}} \right] \approx -55 \text{ dB} \\ \theta_{\text{ns/ve}} &= -\tan^{-1} \left(\frac{1768}{996,5} \right) = -9,10^\circ \end{aligned} \right.$$