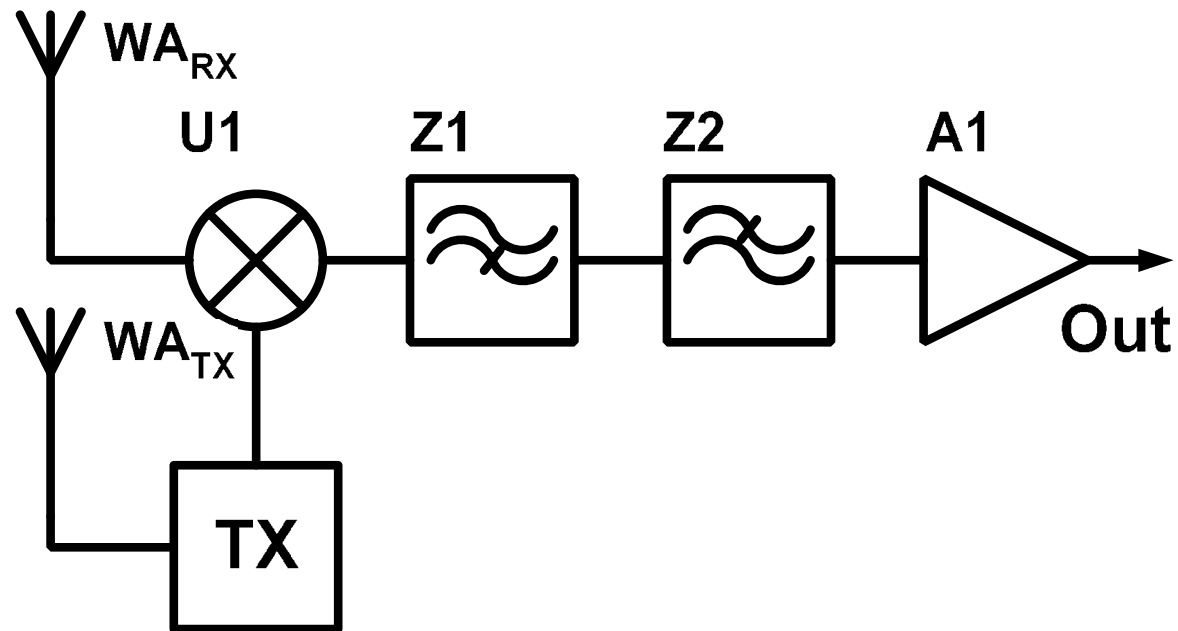
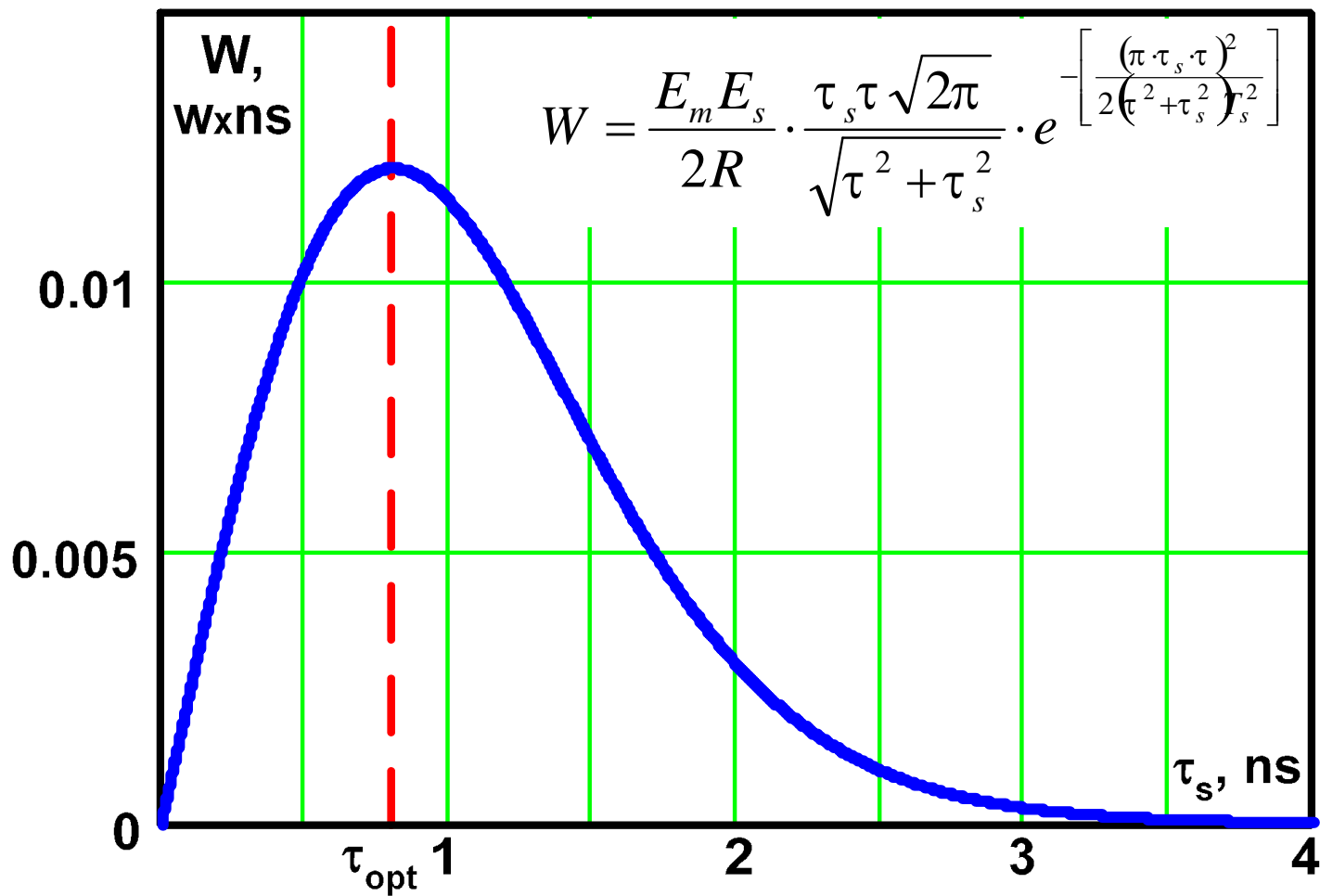




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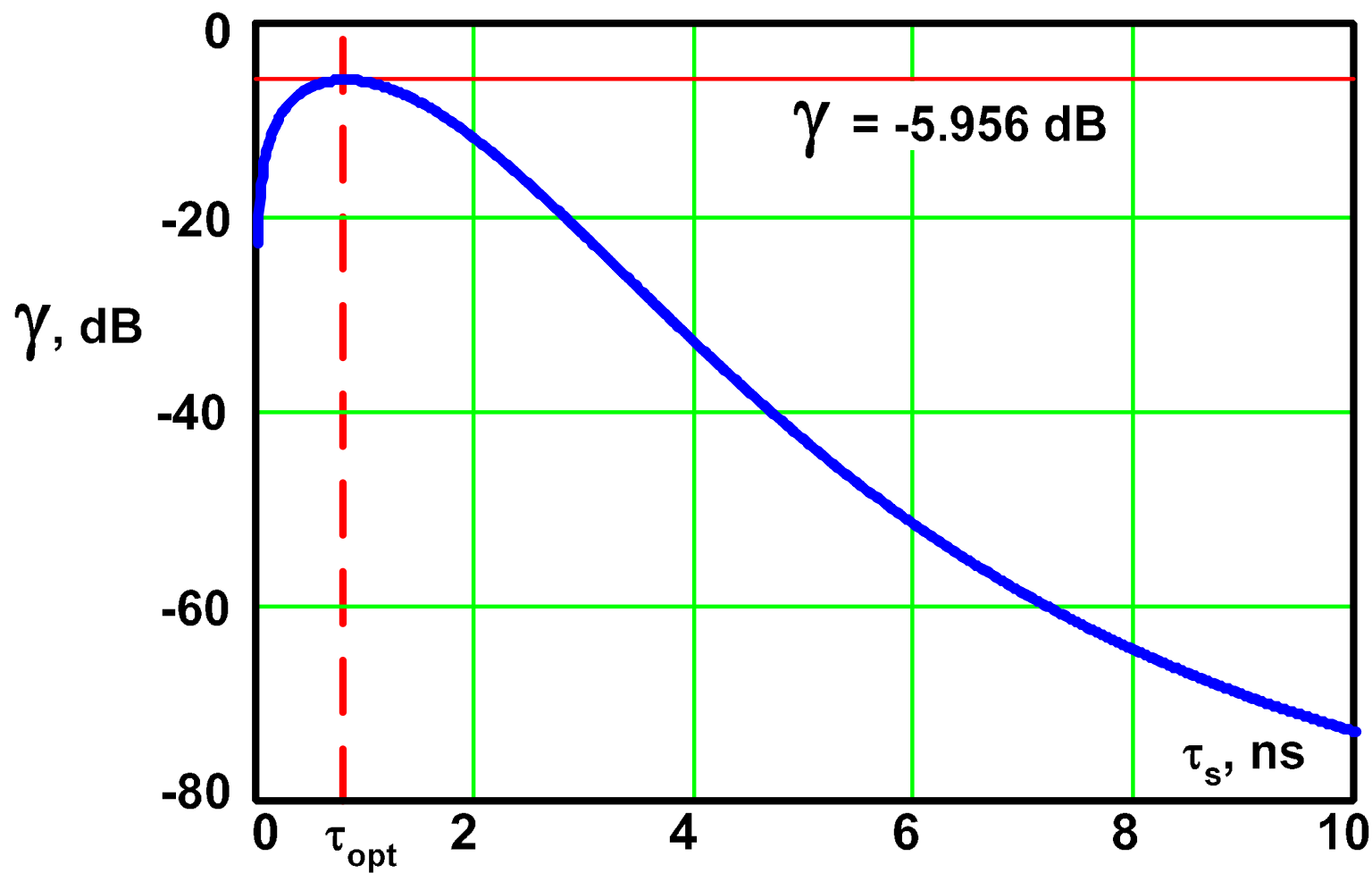
$$\tau_s^{\max} = 2 \frac{\tau}{\sqrt{(\omega_0 \tau)^2 - 4}}$$

$$\tau_s^{\max} = T_s \tau \frac{\sqrt{(\pi \tau)^2 - T_s^2}}{T_s^2 - (\pi \tau)^2}$$

,

$$\gamma [dB] = 10 \log \left(\frac{W_{out}}{W_{total}} \right) = 10 \log \left[2\sqrt{2} \frac{E_s \cdot \tau_s \cdot \exp \left[-\frac{(\omega_0 \cdot \tau_s \cdot \tau)^2}{8(\tau^2 + \tau_s^2)} \right]}{E_m \sqrt{\tau^2 + \tau_s^2} \cdot \left[\exp \left[-\left(\frac{\omega_0 \tau}{2} \right)^2 \right] - 1 \right]} \right]$$

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