

$$\varepsilon_{EW} = \frac{N}{I'_0 \cdot c \cdot \sigma_x} = \frac{\sqrt{2} \sqrt{\sigma_{ix}^2 + \sigma_{Rx}^2}}{\sqrt{I'_0} \cdot EW_x} \cdot \sqrt{\left(1 - \frac{c}{2}\right) + n_c \cdot \left(\frac{I_D}{I'_0} \cdot t + \frac{1}{b_c \cdot b_R} \cdot \frac{RON^2}{I'_0}\right) + \frac{I'_S}{I'_0}}^{0.5}$$