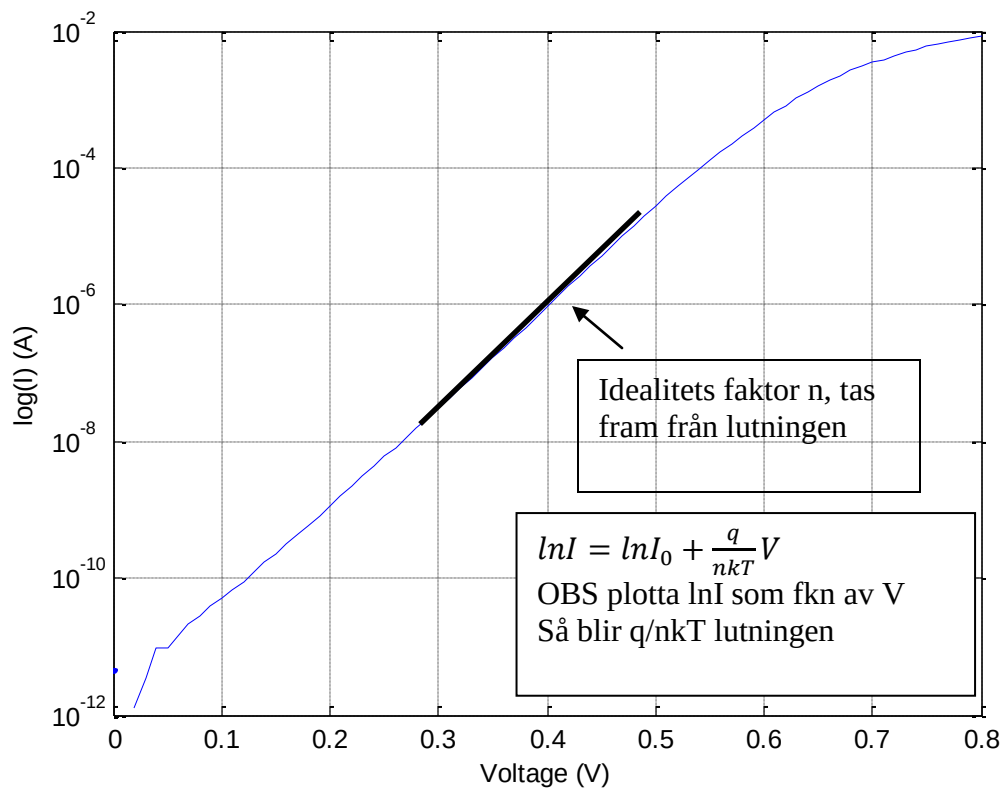
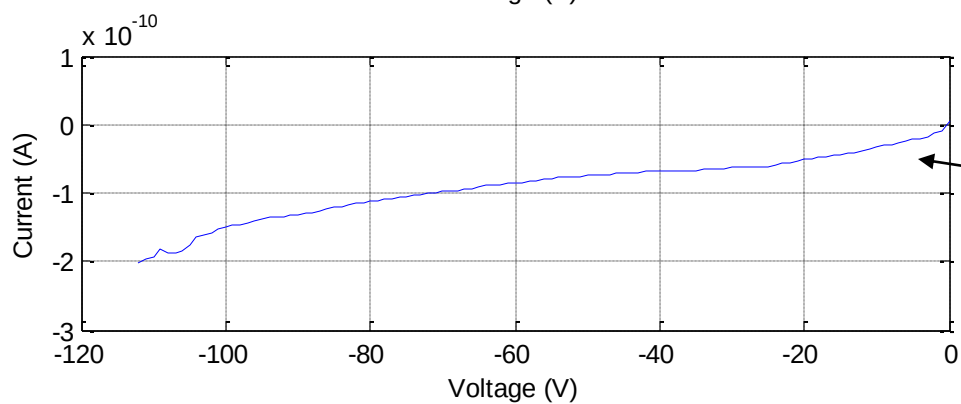
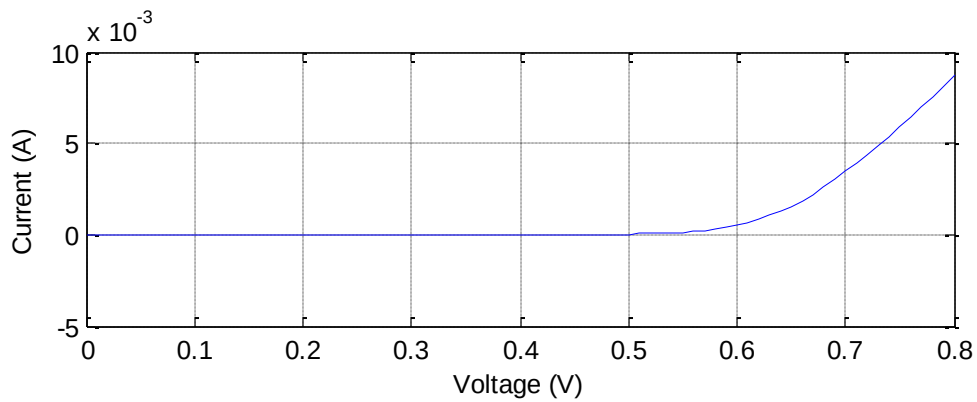
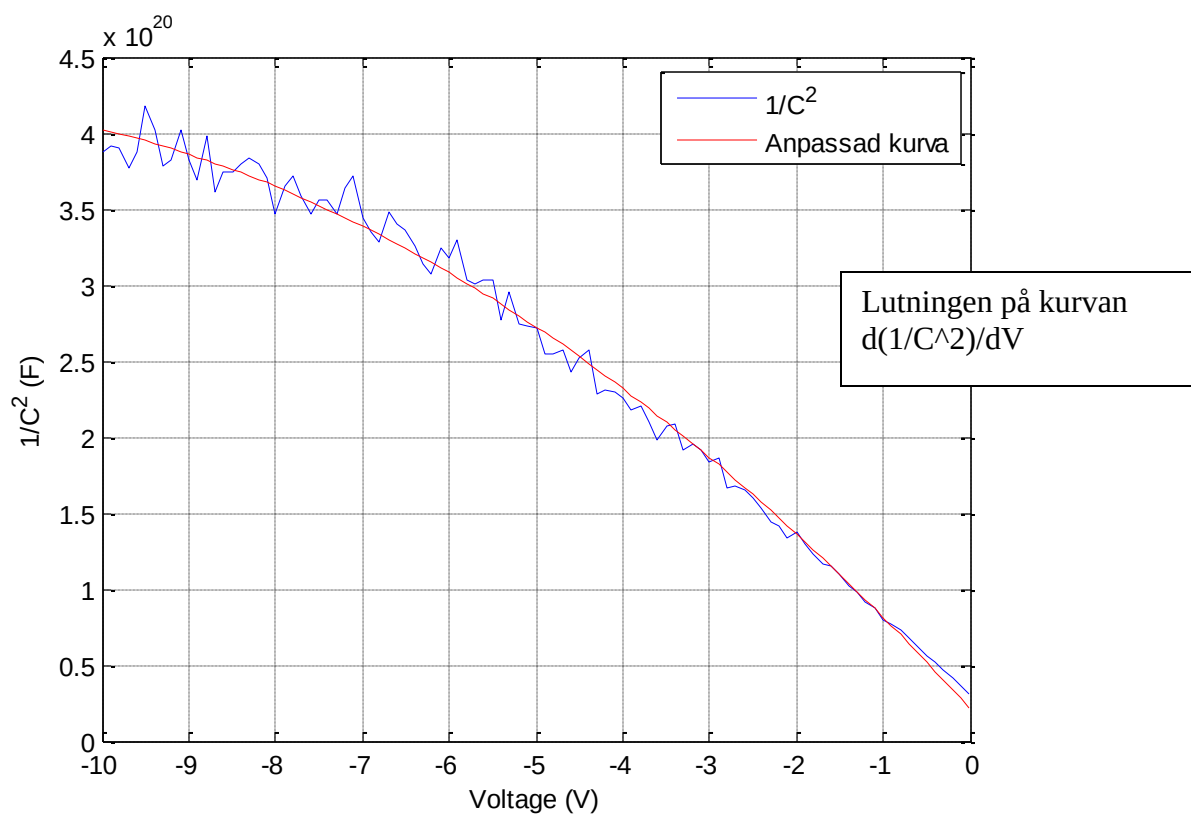
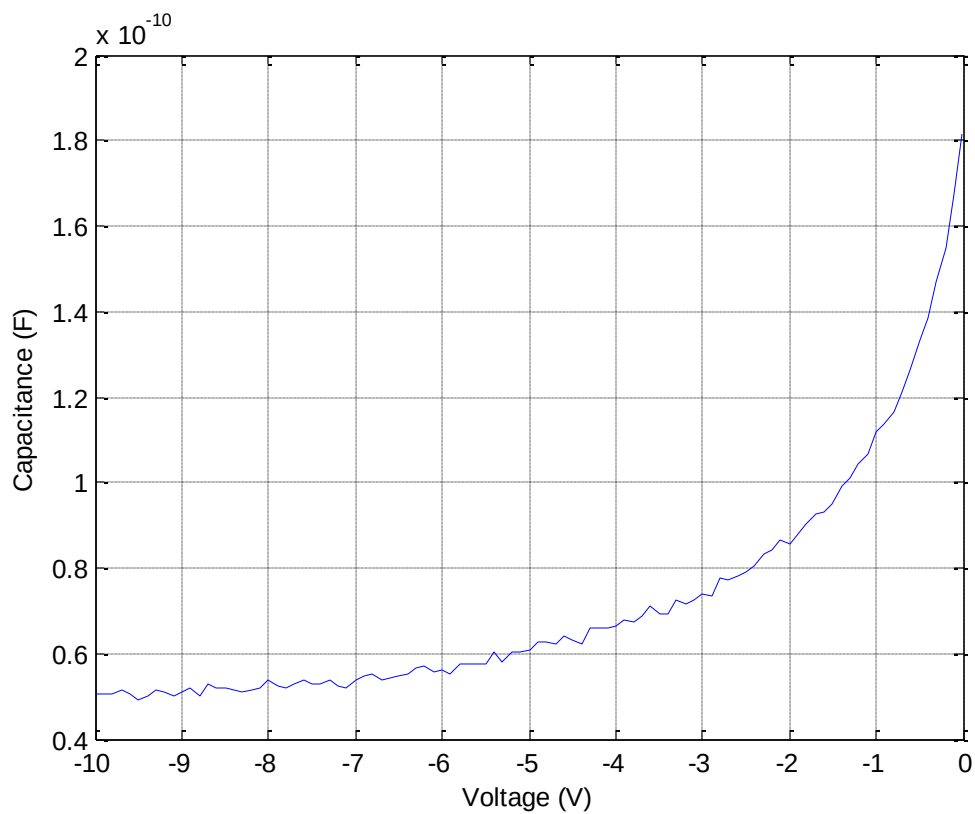
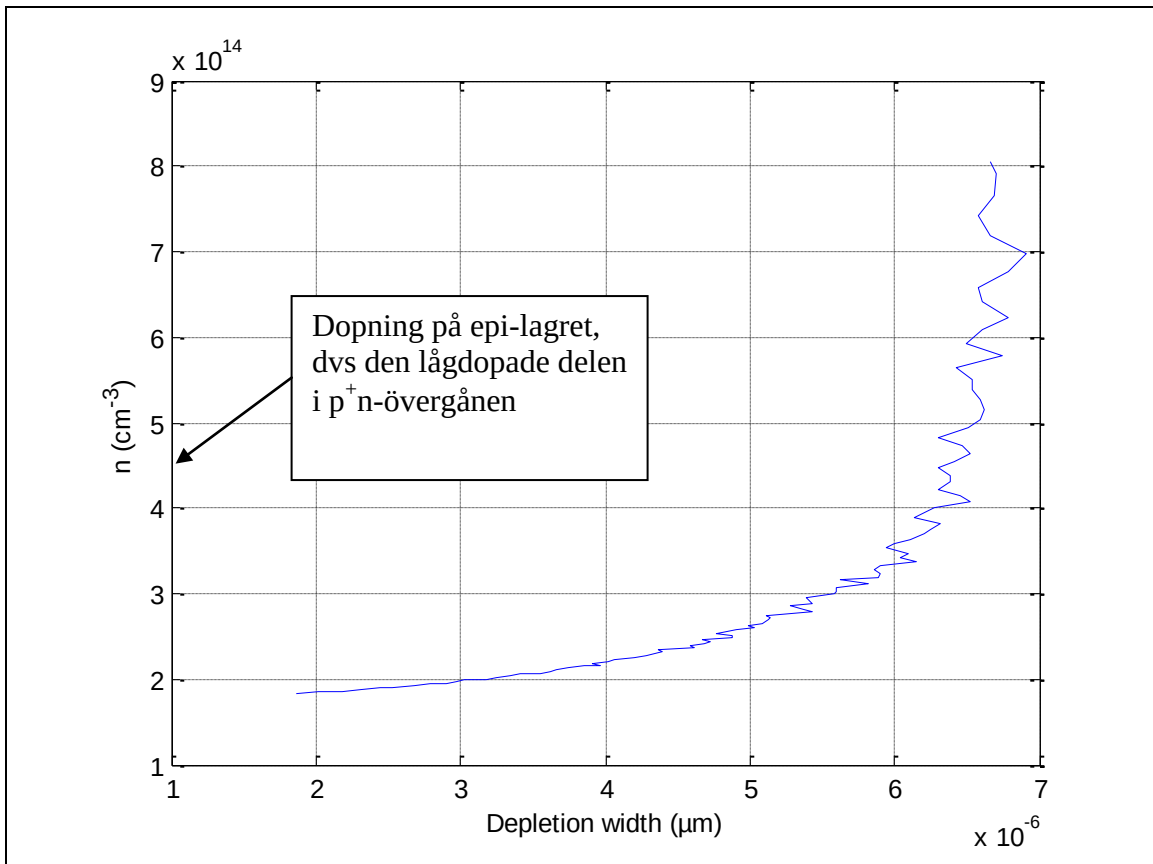








$$N_A(W) = - \frac{C^3}{qK_s \epsilon_0 A^2 (dC/dV)}$$

$$N_A(W) = \frac{2}{qK_s \epsilon_0 A^2 [d(1/C^2)/dV]}$$

$$W = \frac{K_s \epsilon_0 A}{C}$$

$$\text{Si: } K_s = 12$$