

width of depletion layer at -10 = 0.000007729metre

width of depletion layer at -0.1 = 0.000001325metre

width of depletion layer at 0.1 = 0.000000765metre

capacitance at -10 = 1.56556D-11farad

capacitance at -0.1 = 9.12871D-11farad