i-V for ATT7 (Irradiated to $1.0{*}10^{14}$ p/cm^2)

Bias @ Depletion = 300V: $i(-10^oC)$ / $i(-20^oC)$ = 8/3.7 = 2.2 (expect 3x)

$Alpha(20^oC) = 18.7{*}8{*}10^{-4}/(12{*}6{*}0.03)/1e^{14} = 7{*}10^{-17}A/cm$