03/12/2020

Terefo 7 te = 5GHz, B= 20 MHz, Bt=Gr= 2dB, M=16dB, P1=90dB, Pt=20dBm SNR= 10 dB Kx - sensitivity = Po(min) = Nx Fx SNR (mn) Rx-sensitivity = - 174 + 10 log B + F + 8NR = F= Pr(mn) + 174-10/09B-SNR Pt= Pr+PL+M+L-G Pr= Pt-PL-M-L+G Pr=20-90-16-0+(2+2) Pr=-82 dBm => F= -82 + 174 - 10 lop 20.000.000.10 F = 3,9418~ 41B