Relative Errors in the RMS Betatron Oscillations RMS_beta_xRelEr90 10^{-3} RMS_beta_xRelEr0 No Chicane RMS_beta_x Relative Errors 10-2 10^{-5} 10^{-4} 10⁻³ 10^{-1} $k_wig [m^{-1}]$