



one pulse (1ms)

Nb=350000

10 times design current

400 mA

inj. charge jitter

Gaussian, $\sigma = 0.03$

HOM frequency scatter

Gaussian, σ_{df}

dX ini = 1 mm (all bunches)

dE is bunch energy dev. due to HOM at linac exit

rms dE is r.m.s. over the pulse linac = 150 cav. in a regular FODO