

Coherent tune shift vs. bunch number

Data: Tune shift data 5.3 GeV 10 bunch train 0.75mA/bunch positrons 20080610 (3232 to 3420)

Simulation 1: positron: lattice 'bmad_chess_20050617' fill patt= '0r10t15w-1.2-a' sim code= 1-1-5-1

Simulation 2: positron: lattice 'bmad_chess_20050617' fill patt= '0r10t15w-1.2-a' sim code= 1-2-5-1

ΔQ (kHz)

