NHT for LHC @6.5TeV

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Impedance: Nicolas’ X, single bunch

Stabilizing octupole current versus gain and chromaticity

\[ E = 6.5 \text{ TeV}, \quad N = 1.3 \cdot 10^{11} \text{ p/b}, \quad \varepsilon_n = 1.5 \mu\text{m}, \quad \sigma_{\parallel} = 7.5 \text{ cm}. \]
Impedance: Nicolas’ X, 25ns single beam

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