Kyma Analysis Report

Name : 1991d Date : 8. maj 2020 Temperature : 23.0

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz285,Bx285,Izmes69,Ixmes69

Gap [mm] : 200

Phase [mm] : 10 Hall Z [mm] : 1 Peak Field Bx: 0.00903 T RMS Phase Error : 3.11 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 14.1 % Fund. En. (B2E) : 3753.0 eV = 0.3 nm

Peak Field Bz: 0.12381 T Radiation wavelength (lin. fit): 0.3 nm

Undulator Period : 22.00+-0.12 mm Delta Bz/Bz : 4.5 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : -6.086 G/m Bz Taper : 19.251 G/m

Krms : 0.180

V Dipole : -12.0 G cm Iz(coil) : -12.4 G cm Pred. C.C. currents

V Quadrupole : -33.8 G Iz(BzC): -12.4 Gcm Iz(Bz) : 14.5 G cm I1 : 0.3381 A

V Sextupole : 105.7 G/cm Ix(coil) : -12.3 G cm I2 : -1.7637 A

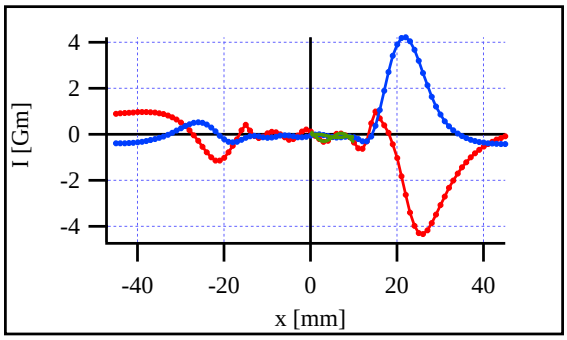
Ix(BxC) : -12.3 Gcm Ix(Bx) : 277.3 G cm

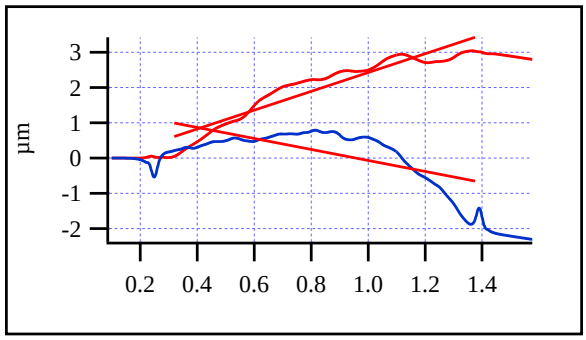
H Dipole : -13.9 G cm IIx(sBx) : 0.3726 G m^2 I3 : 1.3951 A

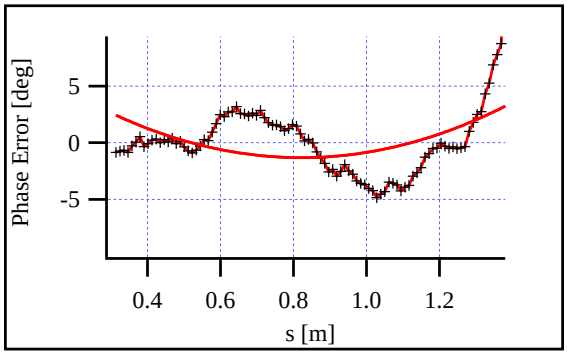
H Quadrupole : 134.4 G IIz(sBz): -0.1377 G m^2 I4 : 1.4807 A

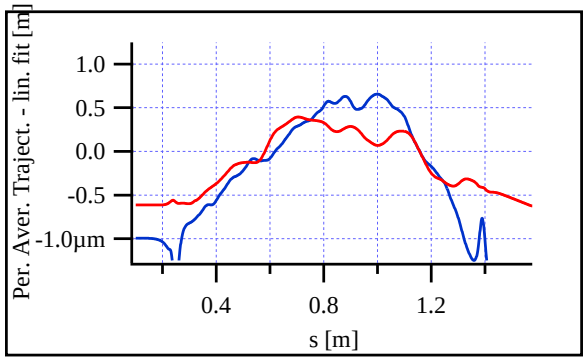
H Sextupole : 25.2 G/cm BzTrj RMS dev. : 0.5 um

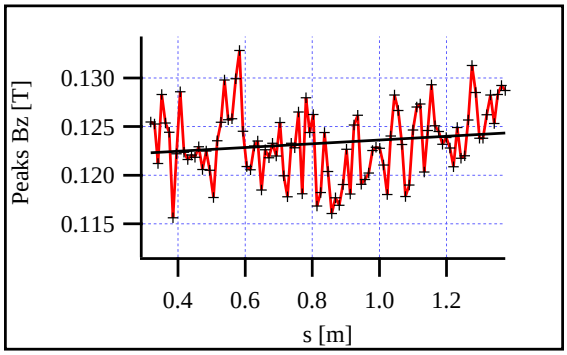
BxTrj RMS dev. : 0.3 um

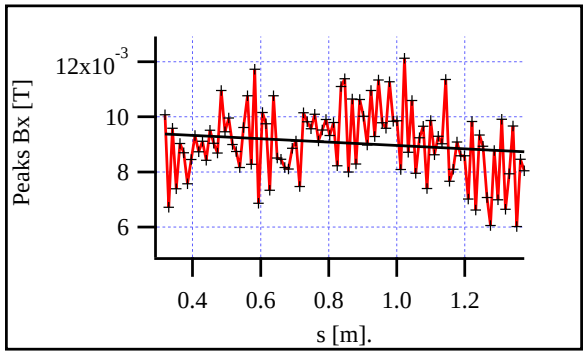












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