Kyma Analysis Report

Name : 1991b Date : 24. feb 2020 Temperature : 23.0

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz141,Bx141,Izmes42,Ixmes42

Gap [mm] : 200

Phase [mm] : 10 Hall Z [mm] : 0 Peak Field Bx: 0.00734 T RMS Phase Error : 1.99 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 21.0 % Fund. En. (B2E) : 3842.5 eV = 0.3 nm

Peak Field Bz: 0.06705 T Radiation wavelength (lin. fit): 0.3 nm

Undulator Period : 22.00+-0.22 mm Delta Bz/Bz : 13.3 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : 1.391 G/m Bz Taper : 46.322 G/m

Krms : 0.098

V Dipole : 2.5 G cm Iz(coil) : 2.6 G cm Pred. C.C. currents

V Quadrupole : -3.6 G Iz(BzC): 2.6 Gcm Iz(Bz) : 8.9 G cm I1 : 0.4568 A

V Sextupole : -86.3 G/cm Ix(coil) : 5.6 G cm I2 : -1.2682 A

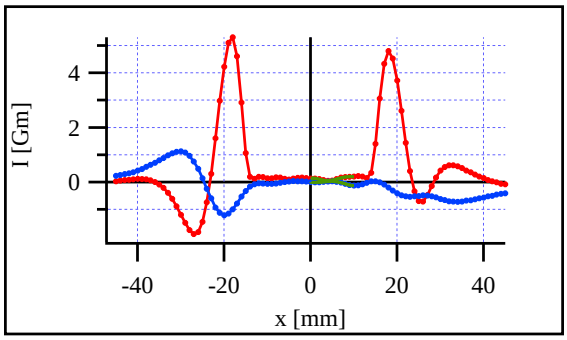
Ix(BxC) : 5.6 Gcm Ix(Bx) : 171.1 G cm

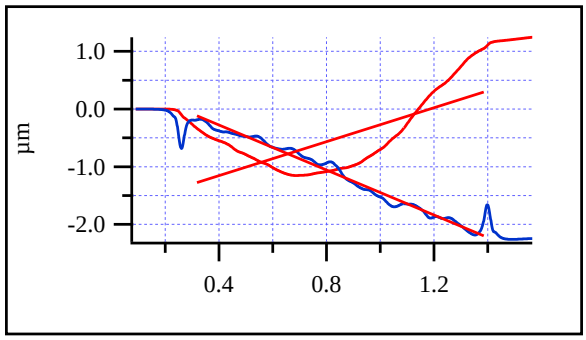
H Dipole : 7.0 G cm IIx(sBx) : 0.0832 G m^2 I3 : -0.9955 A

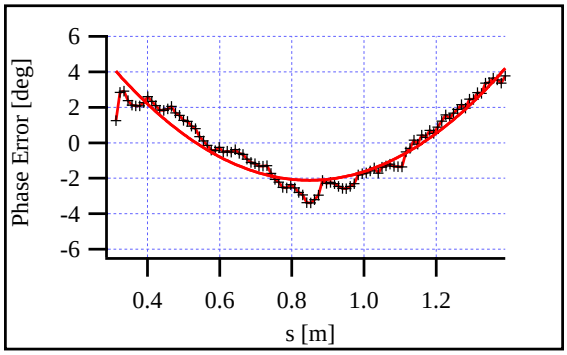
H Quadrupole : 29.7 G IIz(sBz): -0.2433 G m^2 I4 : 1.1446 A

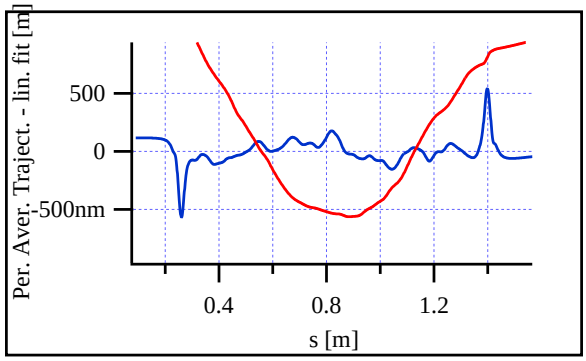
H Sextupole : 106.1 G/cm BzTrj RMS dev. : 0.1 um

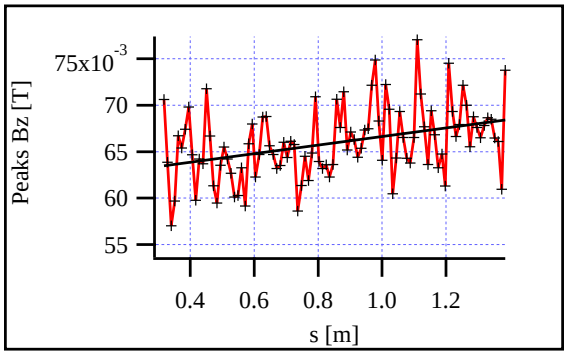
BxTrj RMS dev. : 0.5 um

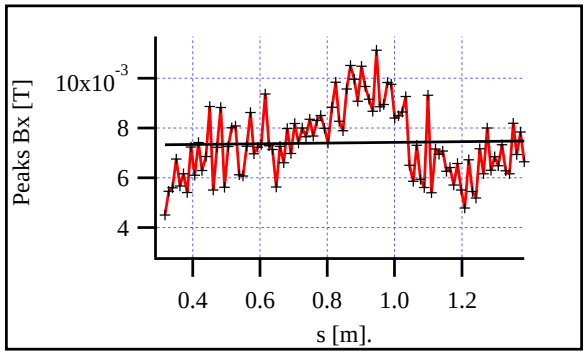












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