Kyma Analysis Report

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

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz191,Bx191,Izmes46,Ixmes46

Gap [mm] : 200

Phase [mm] : 11 Hall Z [mm] : 0 Peak Field Bx: 0.00711 T RMS Phase Error : 0.87 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 40.9 % Fund. En. (B2E) : 3870.5 eV = 0.3 nm

Peak Field Bz: 0.04007 T Radiation wavelength (lin. fit): 0.3 nm

Undulator Period : 21.97+-0.43 mm Delta Bz/Bz : 32.0 % Peaks used : 104

e-beam energy : 3 GeV Bx Taper : 7.381 G/m Bz Taper : -45.956 G/m

Krms : 0.059

V Dipole : 1.2 G cm Iz(coil) : 0.9 G cm Pred. C.C. currents

V Quadrupole : 20.4 G Iz(BzC): 0.9 Gcm Iz(Bz) : -5.7 G cm I1 : 0.4448 A

V Sextupole : -36.4 G/cm Ix(coil) : 12.8 G cm I2 : -1.7081 A

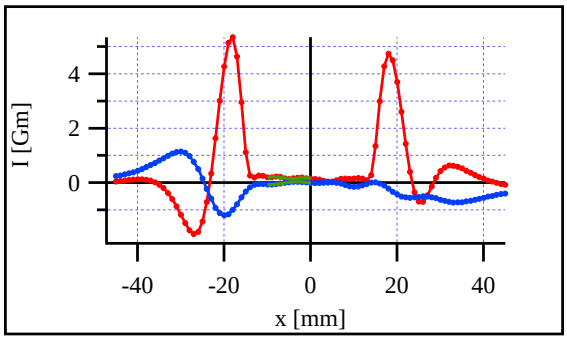
Ix(BxC) : 12.8 Gcm Ix(Bx) : -84.0 G cm

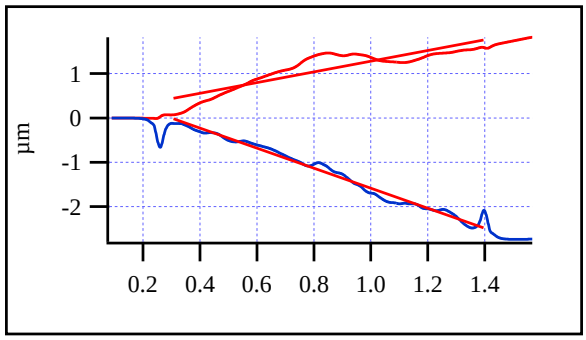
H Dipole : 15.3 G cm IIx(sBx) : 0.0879 G m^2 I3 : -1.2747 A

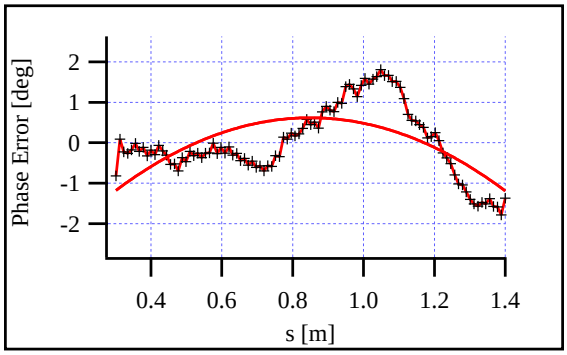
H Quadrupole : -9.5 G IIz(sBz): -0.2803 G m^2 I4 : 1.0261 A

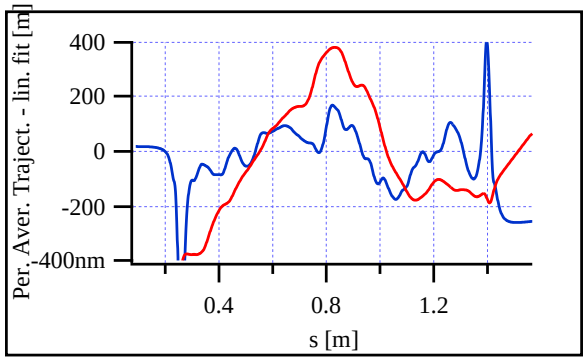
H Sextupole : 69.9 G/cm BzTrj RMS dev. : 0.1 um

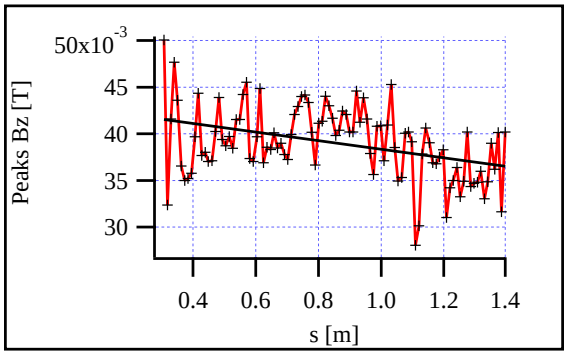
BxTrj RMS dev. : 0.2 um

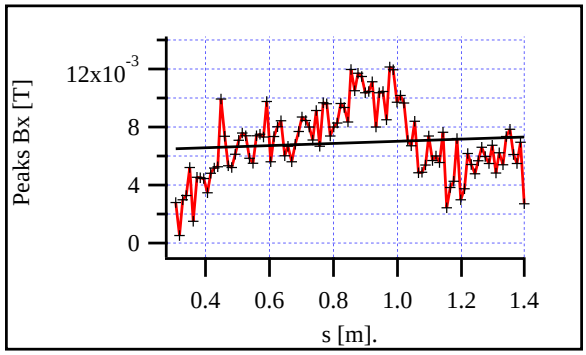












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