Kyma Analysis Report

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

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz155,Bx155,Izmes22,Ixmes22

Gap [mm] : 200

Phase [mm] : 5 Hall Z [mm] : 0 Peak Field Bx: 0.00809 T RMS Phase Error : 2.36 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 9.0 % Fund. En. (B2E) : 2486.6 eV = 0.5 nm

Peak Field Bz: 0.51489 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.1 % Peaks used : 103

e-beam energy : 3 GeV Bx Taper : 4.547 G/m Bz Taper : -8.842 G/m

Krms : 0.748

V Dipole : -5.1 G cm Iz(coil) : -5.3 G cm Pred. C.C. currents

V Quadrupole : -16.4 G Iz(BzC): -5.2 Gcm Iz(Bz) : 52.4 G cm I1 : 0.4292 A

V Sextupole : 36.7 G/cm Ix(coil) : 11.2 G cm I2 : -1.1938 A

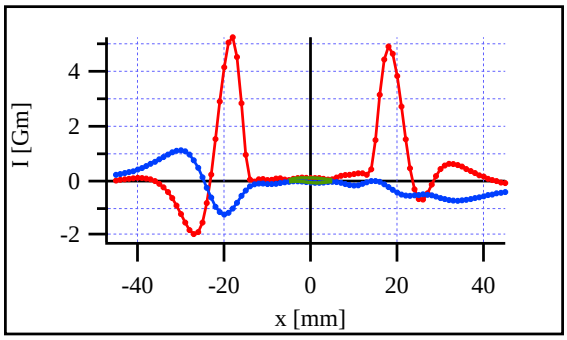
Ix(BxC) : 11.2 Gcm Ix(Bx) : 914.7 G cm

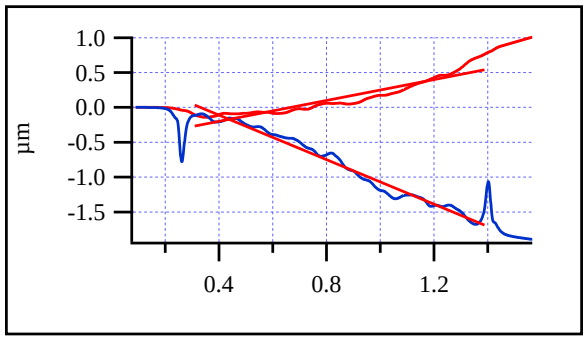
H Dipole : 12.4 G cm IIx(sBx) : 0.0180 G m^2 I3 : -0.6632 A

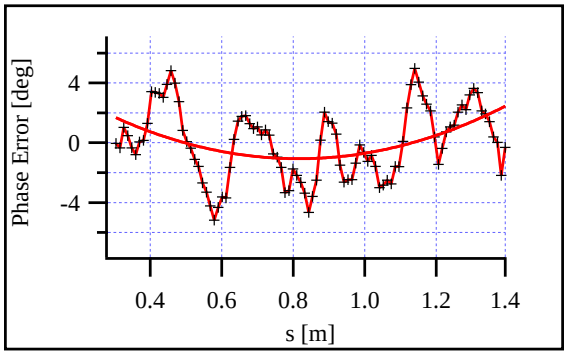
H Quadrupole : -3.4 G IIz(sBz): -0.1506 G m^2 I4 : 0.1058 A

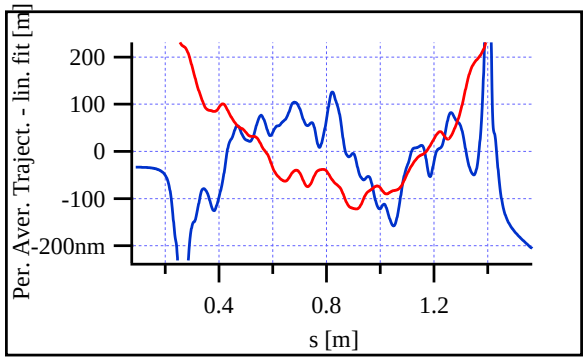
H Sextupole : -27.8 G/cm BzTrj RMS dev. : 0.1 um

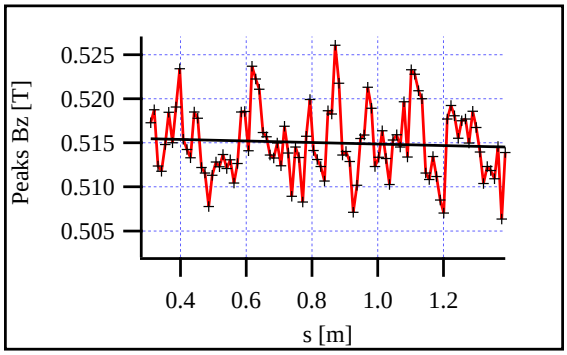
BxTrj RMS dev. : 0.1 um

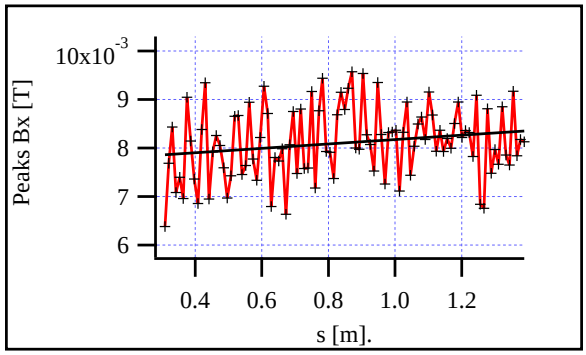












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