Kyma Analysis Report

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

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz157,Bx157,Izmes26,Ixmes26

Gap [mm] : 200

Phase [mm] : 6 Hall Z [mm] : 0 Peak Field Bx: 0.00788 T RMS Phase Error : 2.60 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 9.2 % Fund. En. (B2E) : 2753.3 eV = 0.5 nm

Peak Field Bz: 0.44401 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.2 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : 4.113 G/m Bz Taper : 9.816 G/m

Krms : 0.645

V Dipole : -3.2 G cm Iz(coil) : -3.6 G cm Pred. C.C. currents

V Quadrupole : -14.1 G Iz(BzC): -3.6 Gcm Iz(Bz) : 34.0 G cm I1 : 0.4384 A

V Sextupole : 39.4 G/cm Ix(coil) : 11.5 G cm I2 : -1.2009 A

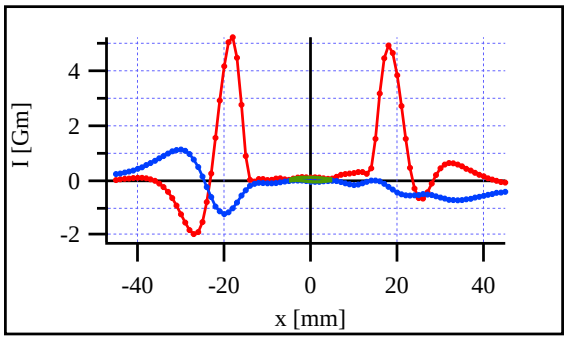
Ix(BxC) : 11.5 Gcm Ix(Bx) : 902.1 G cm

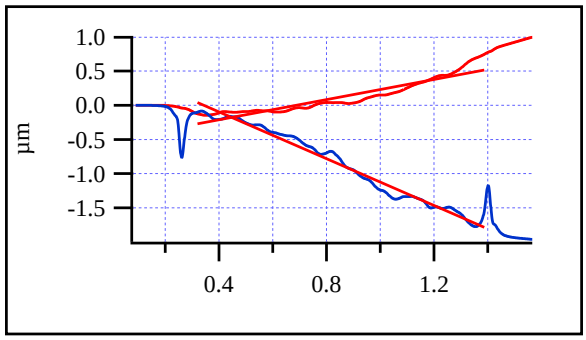
H Dipole : 12.8 G cm IIx(sBx) : 0.0150 G m^2 I3 : -0.8246 A

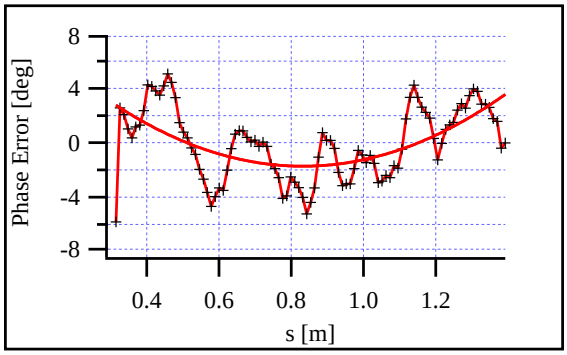
H Quadrupole : -2.1 G IIz(sBz): -0.1699 G m^2 I4 : 0.2354 A

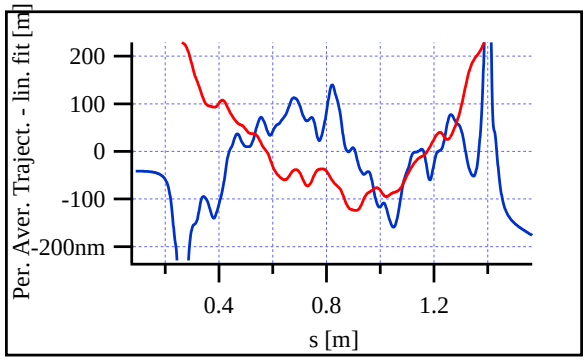
H Sextupole : -28.7 G/cm BzTrj RMS dev. : 0.1 um

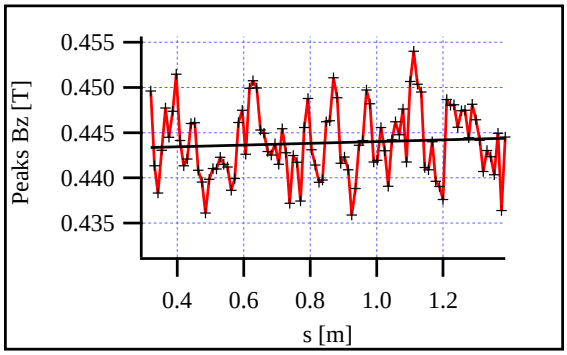
BxTrj RMS dev. : 0.1 um

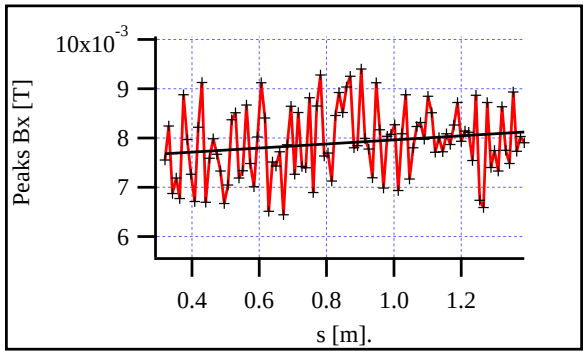












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