Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz211,Bx211,Izmes43,Ixmes43

Gap [mm] : 200

Phase [mm] : 9 Hall Z [mm] : 0 Peak Field Bx: 0.00434 T RMS Phase Error : 3.24 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 22.2 % Fund. En. (B2E) : 3383.3 eV = 0.4 nm

Peak Field Bz: 0.26546 T Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.06 mm Delta Bz/Bz : 2.4 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : -1.887 G/m Bz Taper : -11.288 G/m

Krms : 0.386

V Dipole : -6.1 G cm Iz(coil) : -6.2 G cm Pred. C.C. currents

V Quadrupole : -2.4 G Iz(BzC): -6.2 Gcm Iz(Bz) : 43.0 G cm I1 : 1.2187 A

V Sextupole : -59.5 G/cm Ix(coil) : -18.7 G cm I2 : -0.4998 A

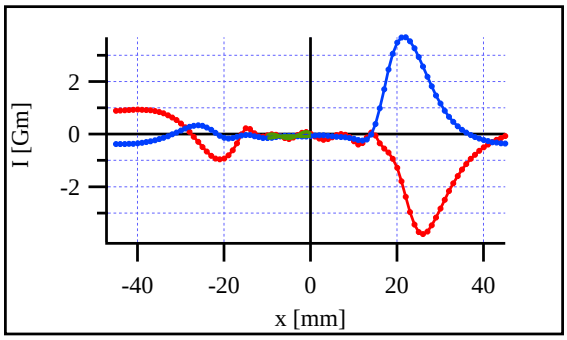
Ix(BxC) : -18.7 Gcm Ix(Bx) : 502.1 G cm

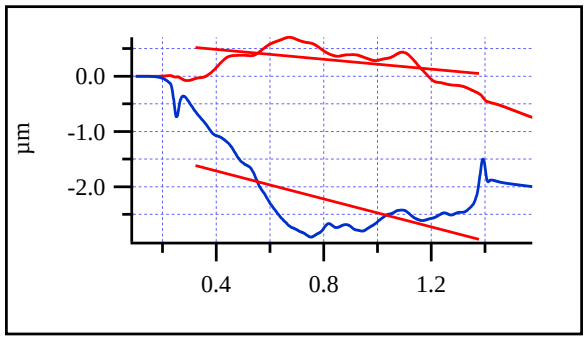
H Dipole : -16.5 G cm IIx(sBx) : 0.0659 G m^2 I3 : 0.3815 A

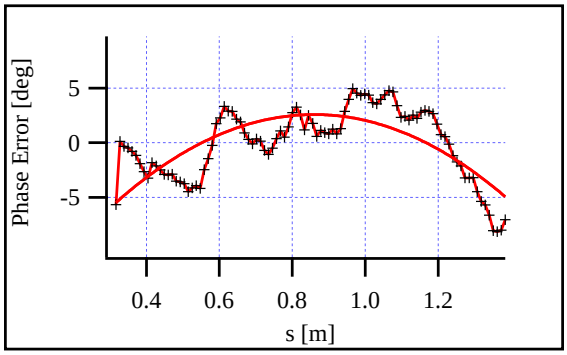
H Quadrupole : 9.6 G IIz(sBz): -0.1533 G m^2 I4 : 1.0980 A

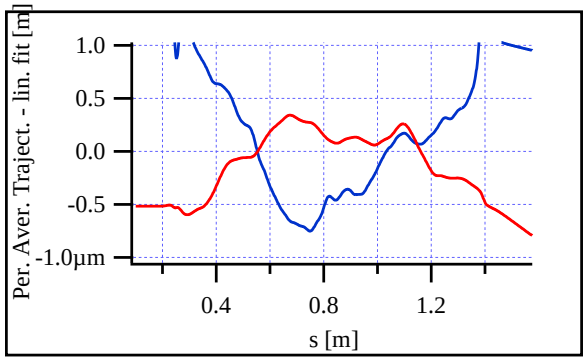
H Sextupole : 267.4 G/cm BzTrj RMS dev. : 0.5 um

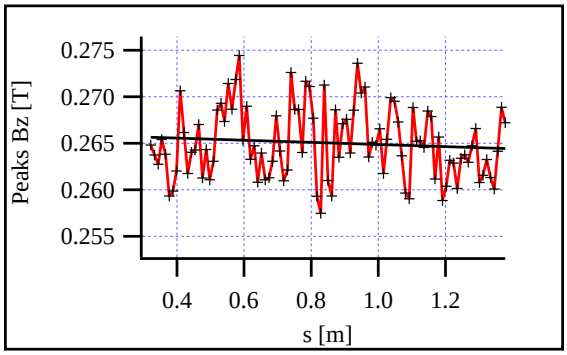
BxTrj RMS dev. : 0.2 um

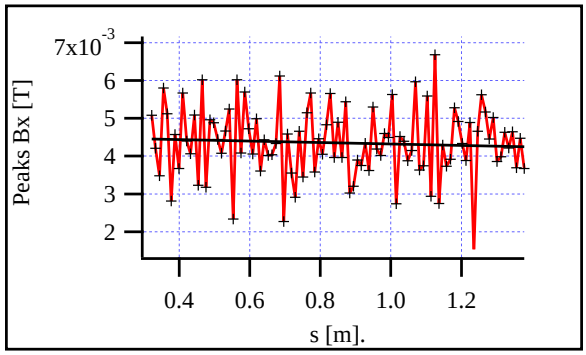












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