Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz351,Bx351,Izmes15,Ixmes15

Gap [mm] : 200

Phase [mm] : 7 Hall Z [mm] : -1 Peak Field Bx: 0.08194 T RMS Phase Error : 9.78 deg

Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 3.6 % Fund. En. (B2E) : 2565.9 eV = 0.5 nm

Peak Field Bz: 0.47552 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.05 mm Delta Bz/Bz : 1.3 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -2.081 G/m Bz Taper : 13.101 G/m

Krms : 0.701

V Dipole : -30.7 G cm Iz(coil) : -28.3 G cm Pred. C.C. currents

V Quadrupole : -19.9 G Iz(BzC): -28.3 Gcm Iz(Bz) : 22.8 G cm I1 : -1.2299 A

V Sextupole : 277.1 G/cm Ix(coil) : -25.4 G cm I2 : -4.2833 A

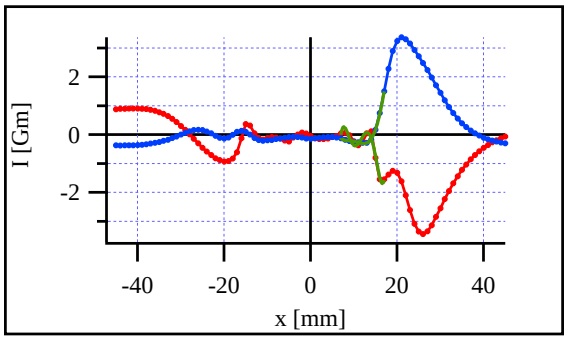
Ix(BxC) : -25.4 Gcm Ix(Bx) : 580.1 G cm

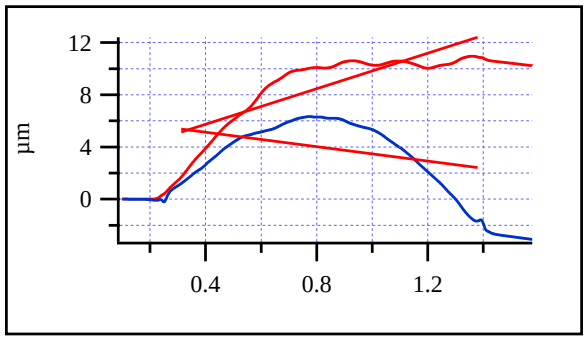
H Dipole : -7.9 G cm IIx(sBx) : 1.2143 G m^2 I3 : 5.0217 A

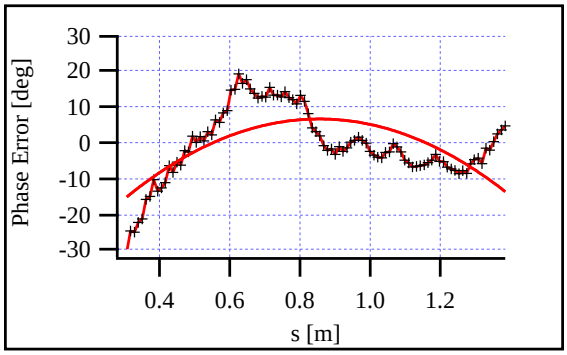
H Quadrupole : 245.3 G IIz(sBz): -0.0953 G m^2 I4 : 3.4824 A

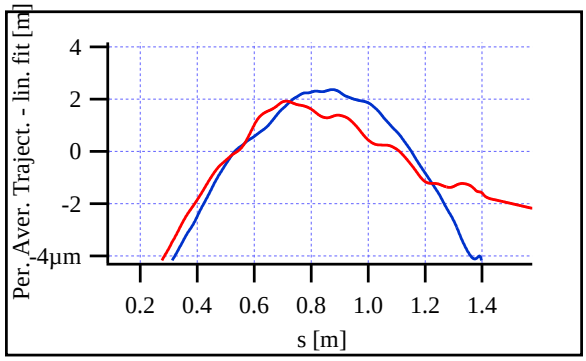
H Sextupole : -441.8 G/cm BzTrj RMS dev. : 2.0 um

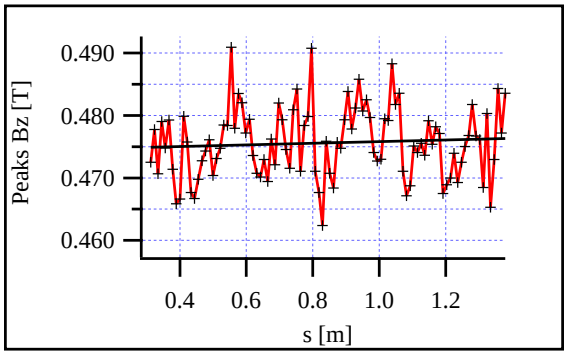
BxTrj RMS dev. : 1.4 um

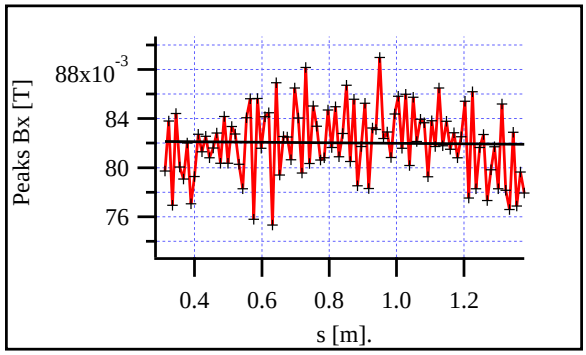












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