Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz113,Bx113,Izmes17,Ixmes17

Gap [mm] : 200

Phase [mm] : 8 Hall Z [mm] : -1 Peak Field Bx: 0.01120 T RMS Phase Error : 6.65 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 8.4 % Fund. En. (B2E) : 2579.8 eV = 0.5 nm

Peak Field Bz: 0.49098 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 : -4.220 G/m Bz Taper : -9.755 G/m

Krms : 0.714

V Dipole : -13.9 G cm Iz(coil) : -14.4 G cm Pred. C.C. currents

V Quadrupole : -0.7 G Iz(BzC): -14.4 Gcm Iz(Bz) : 32.9 G cm I1 : 0.2022 A

V Sextupole : 70.4 G/cm Ix(coil) : -4.1 G cm I2 : -0.4550 A

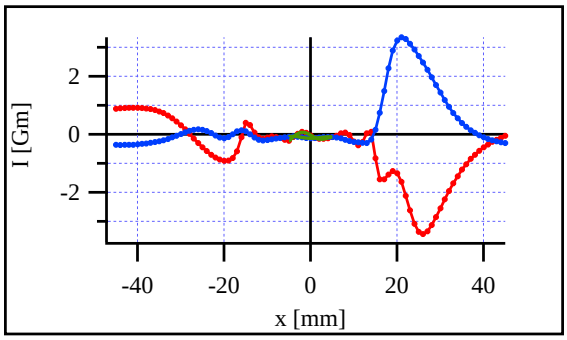
Ix(BxC) : -4.1 Gcm Ix(Bx) : 711.6 G cm

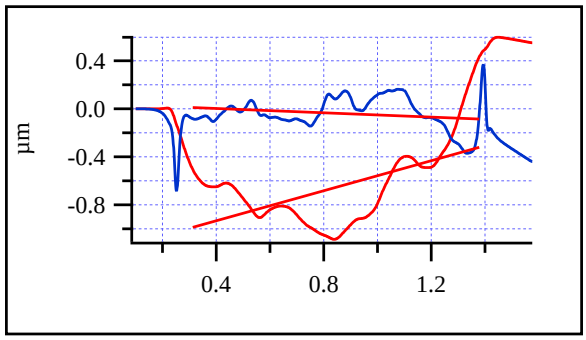
H Dipole : -3.1 G cm IIx(sBx) : 0.0860 G m^2 I3 : 1.2054 A

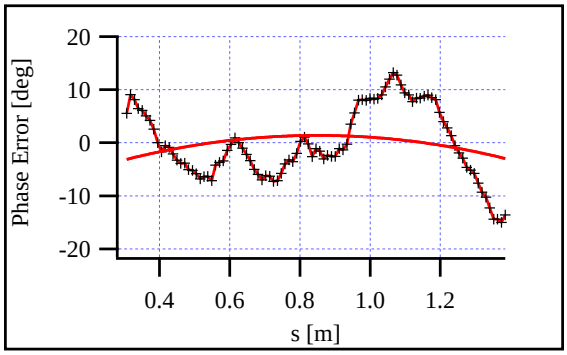
H Quadrupole : -85.6 G IIz(sBz): 0.0638 G m^2 I4 : -0.4659 A

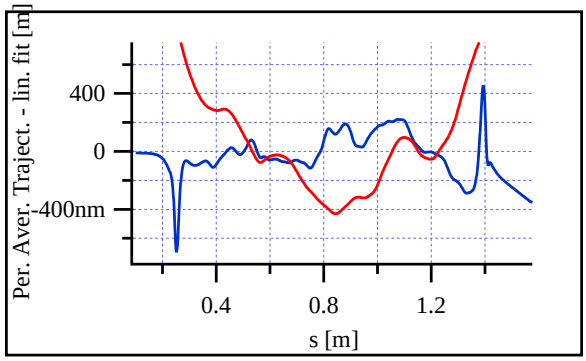
H Sextupole : -41.0 G/cm BzTrj RMS dev. : 0.1 um

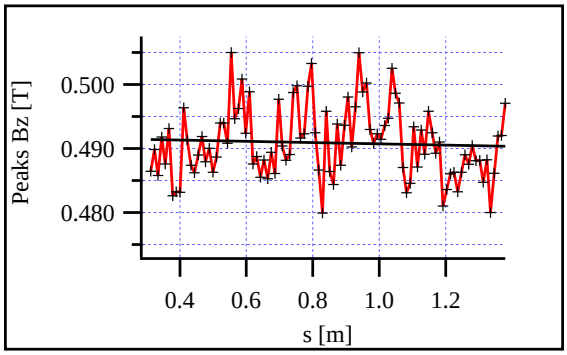
BxTrj RMS dev. : 0.3 um

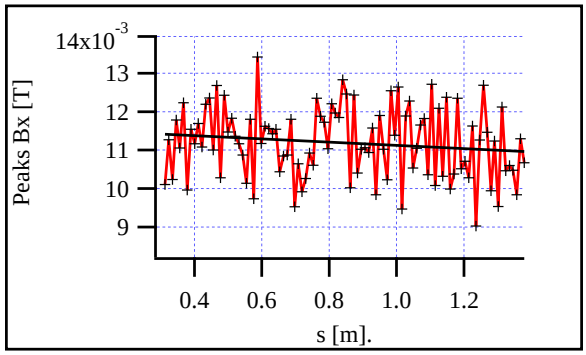












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