Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz187,Bx187,Izmes43,Ixmes43

Gap [mm] : 200

Phase [mm] : 9 Hall Z [mm] : 0 Peak Field Bx: 0.01225 T RMS Phase Error : 2.63 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 6.8 % Fund. En. (B2E) : 3381.3 eV = 0.4 nm

Peak Field Bz: 0.26737 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 : -4.534 G/m Bz Taper : -4.410 G/m

Krms : 0.389

V Dipole : -7.5 G cm Iz(coil) : -7.8 G cm Pred. C.C. currents

V Quadrupole : 17.8 G Iz(BzC): -7.8 Gcm Iz(Bz) : 33.9 G cm I1 : 0.1795 A

V Sextupole : 18.0 G/cm Ix(coil) : 0.9 G cm I2 : -0.9692 A

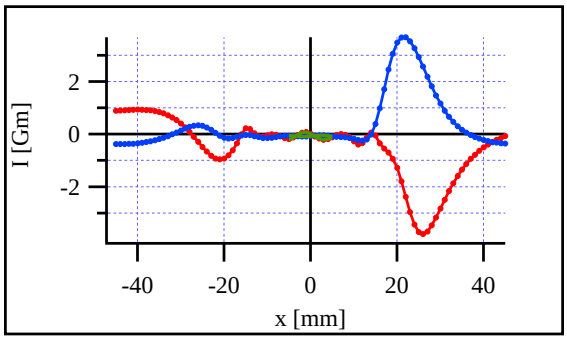
Ix(BxC) : 0.9 Gcm Ix(Bx) : 562.6 G cm

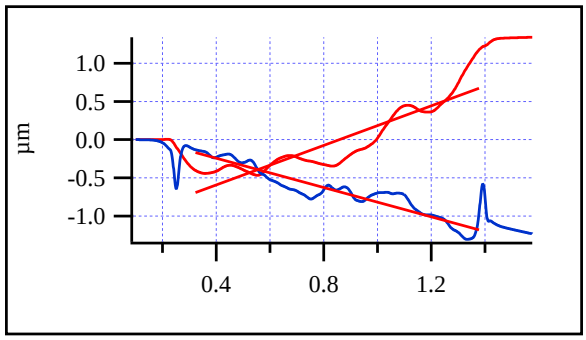
H Dipole : 0.8 G cm IIx(sBx) : 0.1273 G m^2 I3 : 0.3950 A

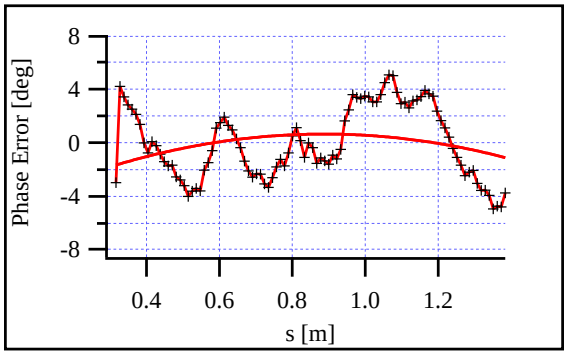
H Quadrupole : -82.7 G IIz(sBz): -0.0653 G m^2 I4 : 0.2843 A

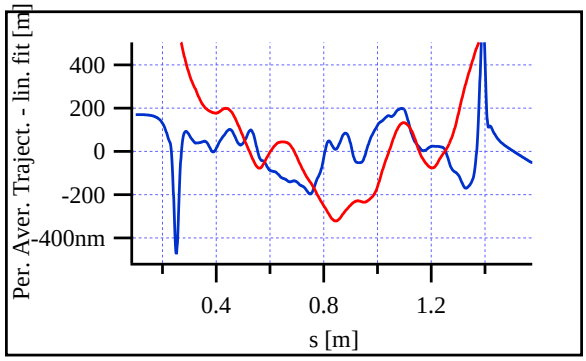
H Sextupole : -184.2 G/cm BzTrj RMS dev. : 0.1 um

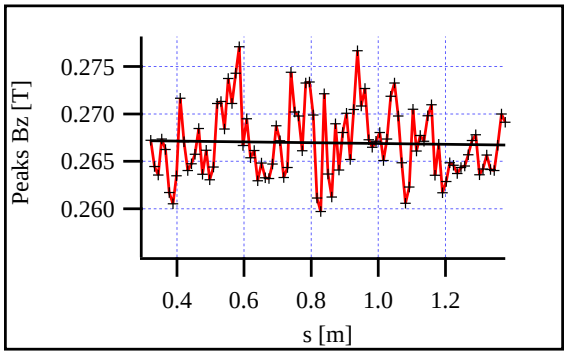
BxTrj RMS dev. : 0.2 um

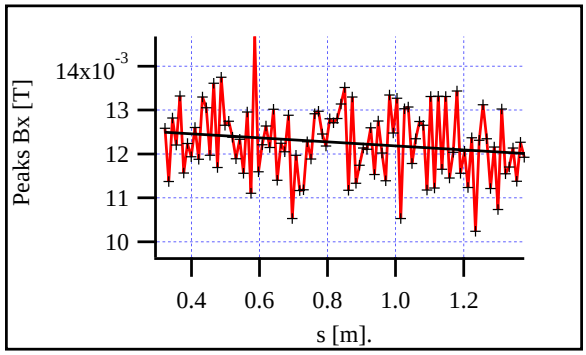












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