Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz111,Bx111,Izmes15,Ixmes15

Gap [mm] : 200

Phase [mm] : 7 Hall Z [mm] : -1 Peak Field Bx: 0.01212 T RMS Phase Error : 5.92 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 7.8 % Fund. En. (B2E) : 2368.1 eV = 0.5 nm

Peak Field Bz: 0.55308 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.04 mm Delta Bz/Bz : 1.1 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -4.532 G/m Bz Taper : -11.620 G/m

Krms : 0.804

V Dipole : -13.9 G cm Iz(coil) : -14.5 G cm Pred. C.C. currents

V Quadrupole : 1.2 G Iz(BzC): -14.5 Gcm Iz(Bz) : 52.6 G cm I1 : 0.2606 A

V Sextupole : 77.3 G/cm Ix(coil) : -4.9 G cm I2 : -0.4635 A

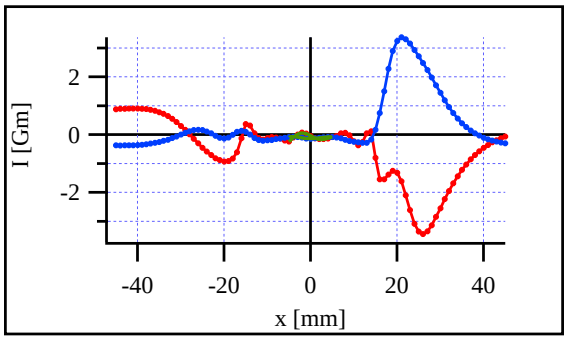
Ix(BxC) : -4.9 Gcm Ix(Bx) : 831.6 G cm

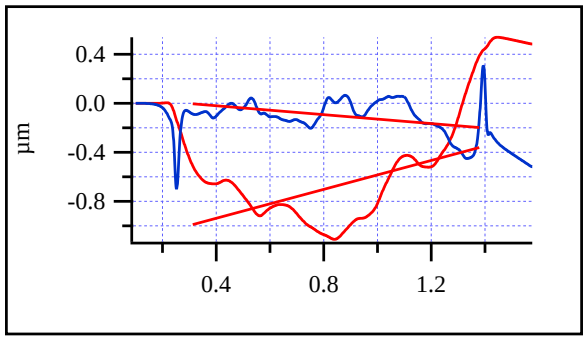
H Dipole : -3.9 G cm IIx(sBx) : 0.0850 G m^2 I3 : 1.2039 A

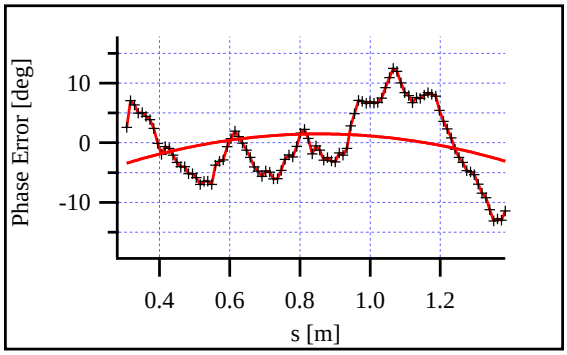
H Quadrupole : -80.6 G IIz(sBz): 0.0570 G m^2 I4 : -0.4257 A

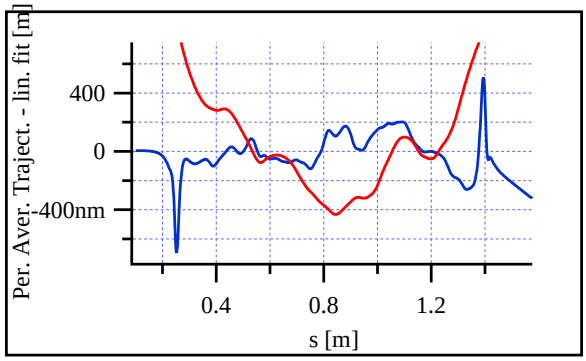
H Sextupole : -34.3 G/cm BzTrj RMS dev. : 0.1 um

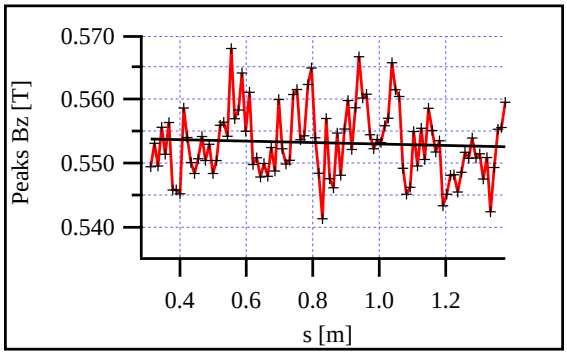
BxTrj RMS dev. : 0.3 um

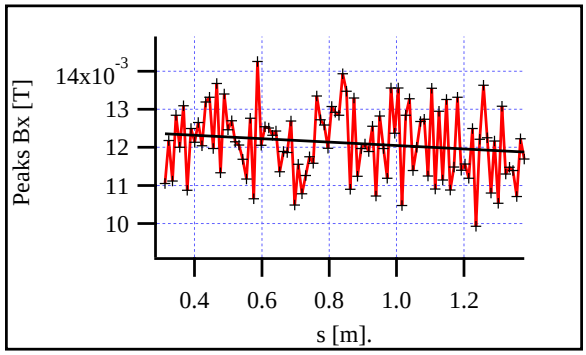












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