

Kyma Analysis Report

Name : 1991d

Date : 8. maj 2020

Temperature : 23.0

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz145,Bx145,Izmes25,Ixmes25

Gap [mm] : 200

Phase [mm] : 0 Hall Z [mm] : 0 Peak Field Bx: 0.00822 T

RMS Phase Error : 2.65 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 14.1 %

Fund. En. (B2E) : 1881.6 eV = 0.7 nm

Peak Field Bz: 0.70713 T

Radiation wavelength (lin. fit): 0.7 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 0.8 %

Peaks used : 101

e-beam energy : 3 GeV

Bx Taper : -0.663 G/m

Bz Taper : -2.402 G/m

Krms : 1.028

V Dipole : -17.7 G cm

Iz(coil) : -17.6 G cm

Pred. C.C. currents

V Quadrupole : -13.0 G

Iz(BzC) : -17.7 Gcm Iz(Bz) : 53.0 G cm

I1 : -0.2707 A

V Sextupole : 6.9 G/cm

Ix(coil) : -12.4 G cm

I2 : -1.2270 A

Ix(BxC) : -12.4 Gcm Ix(Bx) : -164.8 G cm

H Dipole : -12.1 G cm

Ilx(sBx) : 0.3856 G m^2

I3 : 2.4301 A

H Quadrupole : 80.9 G

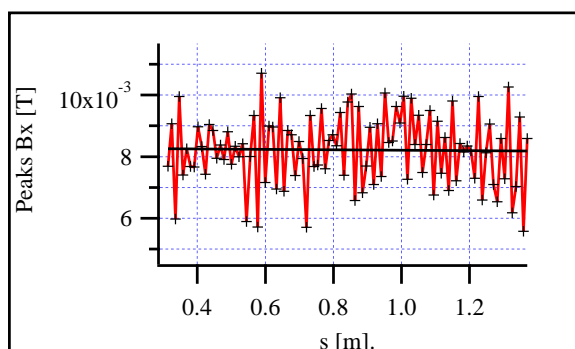
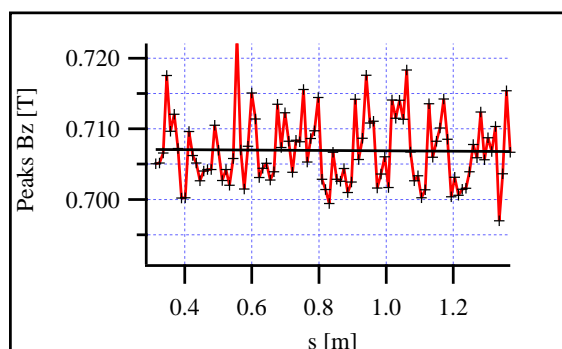
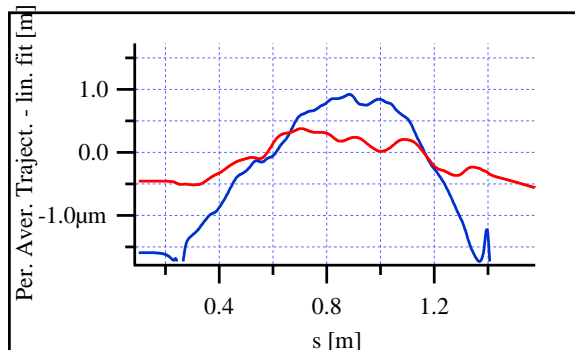
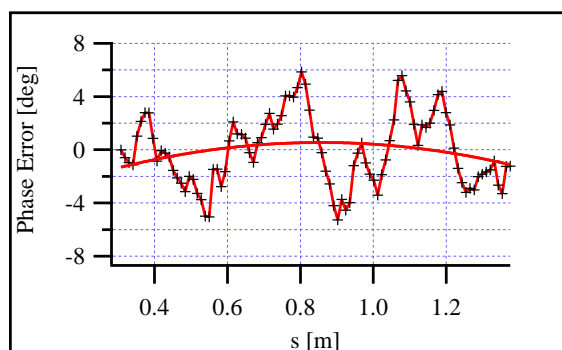
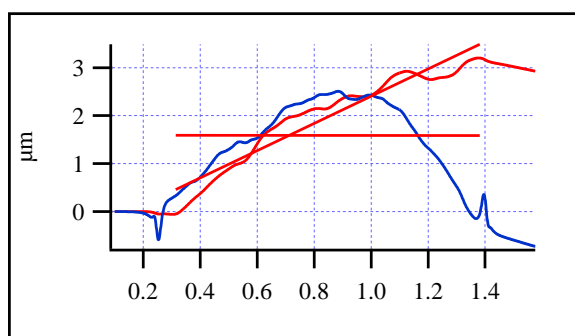
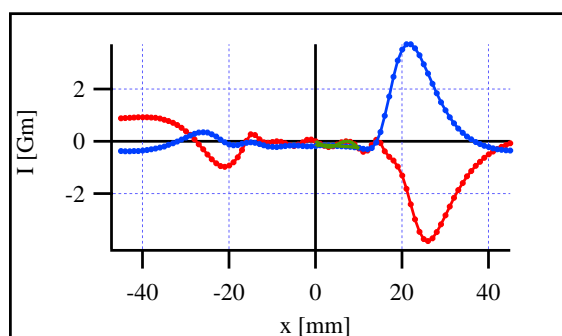
Ilz(sBz) : 0.0598 G m^2

I4 : 0.5235 A

H Sextupole : 39.4 G/cm

BzTrj RMS dev. : 0.8 um

BxTrj RMS dev. : 0.3 um



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