

Kyma Analysis Report

Name : 1991b

Date : 24. feb 2020

Temperature : 23.0

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz175,Bx175,Izmes14,Ixmes14

Gap [mm] : 200

Phase [mm] : 3 Hall Z [mm] : 0 Peak Field Bx: 0.00851 T

RMS Phase Error : 2.33 deg

Taper [mm] : 0 Hall X [mm] : -5 Delta Bx/Bx : 9.4 %

Fund. En. (B2E) : 2126.1 eV = 0.6 nm

Peak Field Bz: 0.62332 T

Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.3 %

Peaks used : 103

e-beam energy : 3 GeV

Bx Taper : 4.917 G/m

Bz Taper : -16.054 G/m

Krms : 0.906

V Dipole : -3.1 G cm

Iz(coil) : -3.3 G cm

Pred. C.C. currents

V Quadrupole : 16.4 G

Iz(BzC) : -3.3 Gcm Iz(Bz) : 53.8 G cm

I1 : 0.7323 A

V Sextupole : -38.9 G/cm

Ix(coil) : 6.2 G cm

I2 : -1.6548 A

Ix(BxC) : 6.2 Gcm Ix(Bx) : 690.6 G cm

H Dipole : 8.8 G cm

Ilx(sBx) : 0.0962 G m²

I3 : -0.8301 A

H Quadrupole : 3.2 G

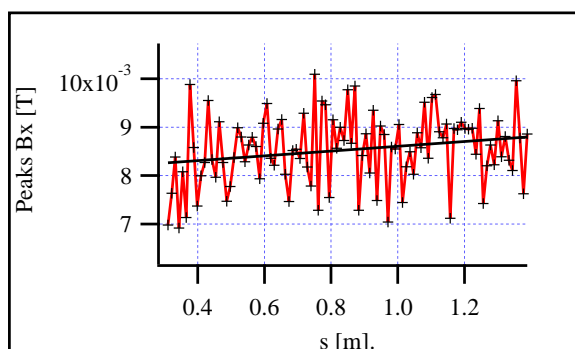
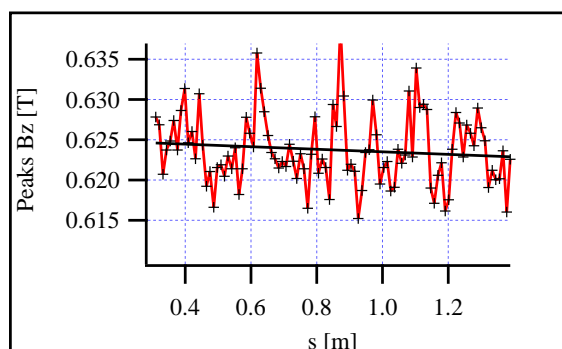
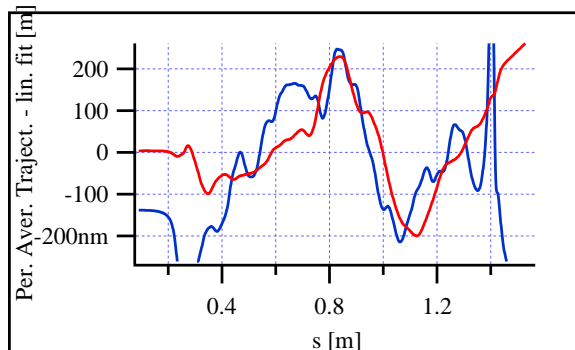
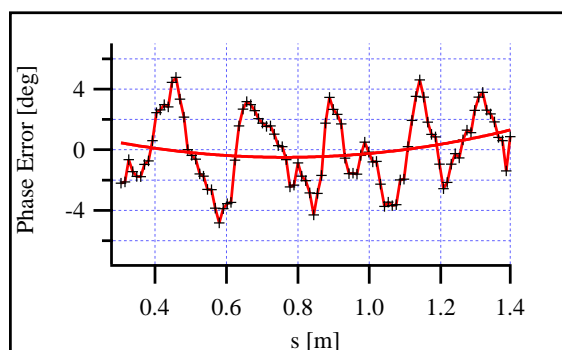
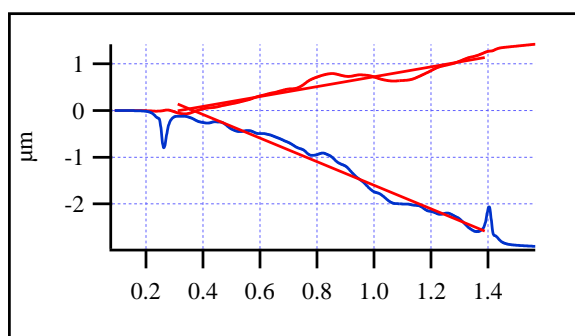
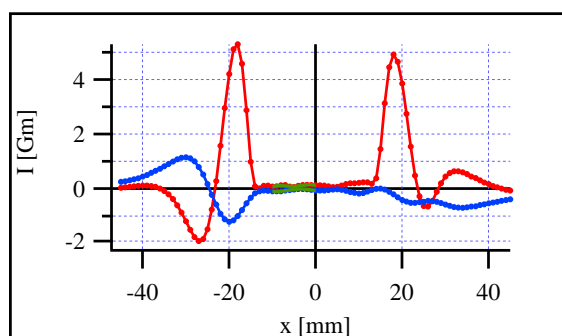
Ily(sBz) : -0.2666 G m²

I4 : 1.0177 A

H Sextupole : 66.3 G/cm

BzTrj RMS dev. : 0.1 um

BxTrj RMS dev. : 0.1 um



Kyma Srl

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