

Kyma Analysis Report

Name : 1991b

Date : 24. feb 2020

Temperature : 23.0

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz173,Bx173,Izmes10,Ixmes10

Gap [mm] : 200

Phase [mm] : 2 Hall Z [mm] : 0 Peak Field Bx: 0.00811 T

RMS Phase Error : 2.70 deg

Taper [mm] : 0 Hall X [mm] : -5 Delta Bx/Bx : 9.7 %

Fund. En. (B2E) : 2014.4 eV = 0.6 nm

Peak Field Bz: 0.66286 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 : 4.872 G/m

Bz Taper : 4.635 G/m

Krms : 0.963

V Dipole : -3.9 G cm

Iz(coil) : -4.1 G cm

Pred. C.C. currents

V Quadrupole : 15.4 G

Iz(BzC) : -4.1 Gcm Iz(Bz) : 52.5 G cm

I1 : 0.5890 A

V Sextupole : -32.7 G/cm

Ix(coil) : 5.7 G cm

I2 : -1.4716 A

Ix(BxC) : 5.7 Gcm Ix(Bx) : 503.2 G cm

H Dipole : 8.1 G cm

Ilx(sBx) : 0.0946 G m²

I3 : -0.5895 A

H Quadrupole : -0.9 G

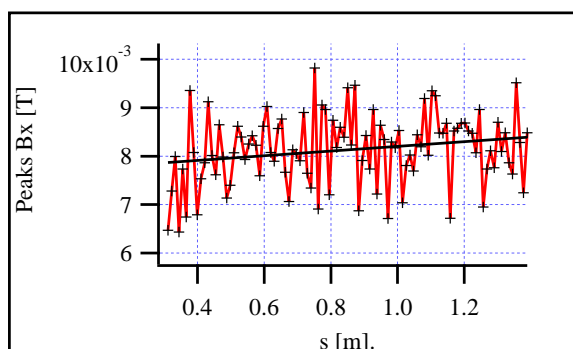
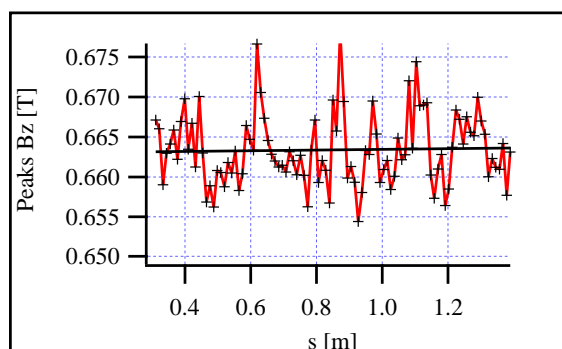
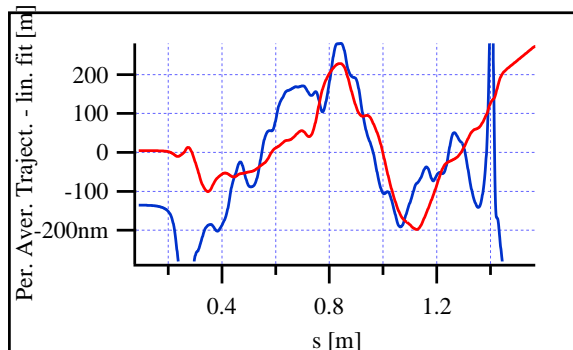
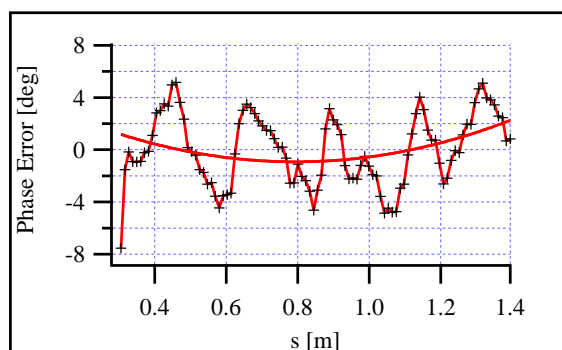
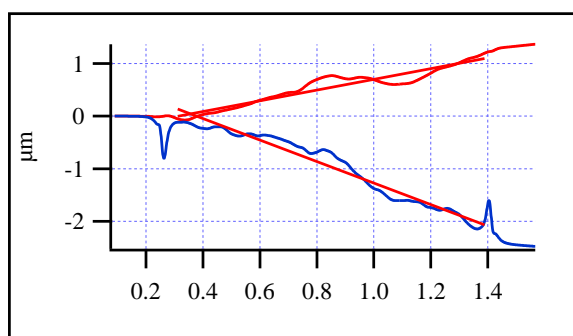
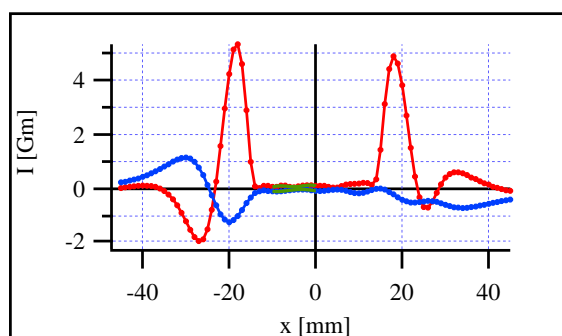
Ilz(sBz) : -0.2171 G m²

I4 : 0.7994 A

H Sextupole : 63.1 G/cm

BzTrj RMS dev. : 0.1 um

BxTrj RMS dev. : 0.1 um



Kyma Srl

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