

Kyma Analysis Report

Name : 1991b

Date : 24. feb 2020

Temperature : 23.0

Filename : 1991b-TPF-UFCM 20200224

Waves analysed : Bz211,Bx211,Izmes39,Ixmes39

Gap [mm] : 200

Phase [mm] : 9 Hall Z [mm] : 1 Peak Field Bx: 0.01725 T

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 5.4 %

Peak Field Bz: 0.24163 T

Undulator Period : 22.00+-0.06 mm

e-beam energy : 3 GeV

Delta Bz/Bz : 13.2 %

Bx Taper : 0.056 G/m

Krms : 0.352

Iz(coil) : 0.1 G cm

V Dipole : 0.2 G cm

V Quadrupole : 17.5 G

V Sextupole : -40.6 G/cm

$$I_x(BxC) : 3.8 \text{ Gcm} \quad I_x(Bx) : 422.5 \text{ G cm}$$

H Dipole : 8.5 G cm

H Quadrupole : -14.8 G

H Sextupole : 117.9 G/cm

 $\Pi_z(\text{sBz}): -0.2876 \text{ G m}^2$

BzTrj RMS dev. : 0.1 um

BxTrj RMS dev. : 0.1 um

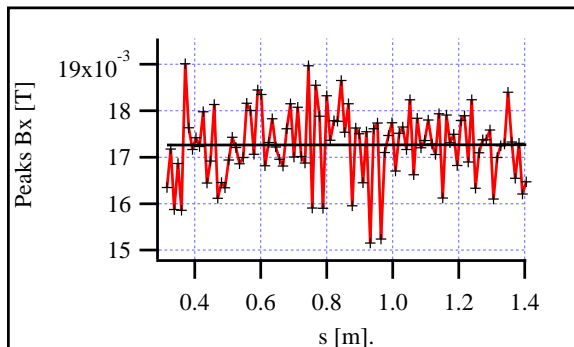
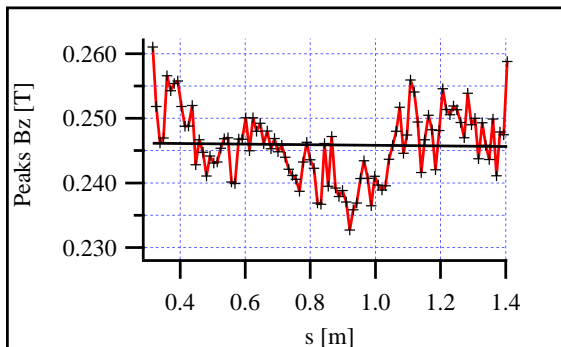
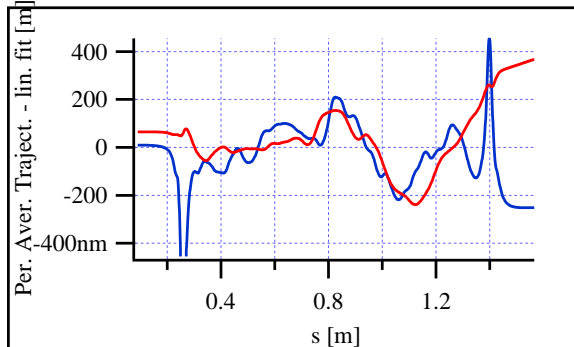
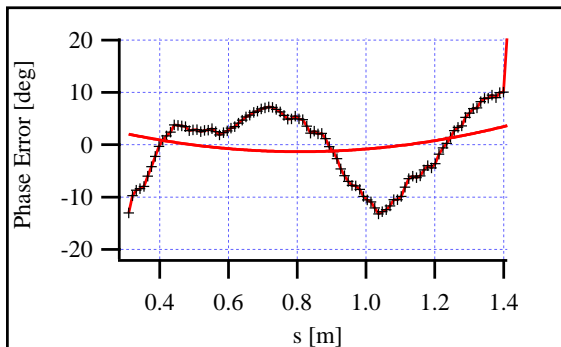
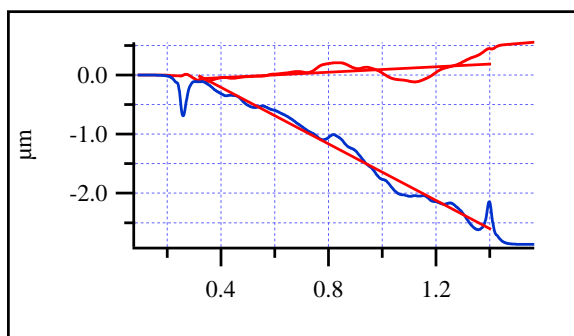
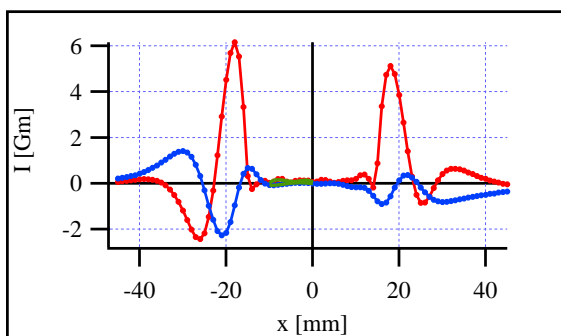
Pred. C.C. currents

I1 : 0.9451 A

I2 : -1.3296 A

I3 : -1.1778 A

I4 : 1.1171 A



Kyma Srl

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