

Kyma Analysis Report

Name : 1991d

Date : 8. maj 2020

Temperature : 23.0

Filename : 1991d-TPF-UFCM 20200508

Waves analysed : Bz257,Bx257,Izmes65,Ixmes65

Gap [mm] : 200

Phase [mm] : 8 Hall Z [mm] : 1 Peak Field Bx: 0.01450 T

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 5.6 %

Peak Field Bz: 0.31601 T

Undulator Period : 22.00+-0.04 mm

e-beam energy : 3 GeV

Bx Taper : -3.808 G/m

Krms : 0.460

V Dipole : -6.4 G cm

Iz(coil) : -6.3 G cm

V Quadrupole : 50.0 G

$$I_z(\text{BzC}): -6.3 \text{ Gcm} \quad I_z(\text{Bz}): 38.1 \text{ G cm}$$

V Sextupole : -24.3 G/cm

$I_x(\text{coil}) : 14.1 \text{ G cm}$

$$I_x(B_xC) : 14.1 \text{ Gcm} \quad I_x(B_x) : 730.0 \text{ G cm}$$

H Dipole : 12.6 G cm

$$\Pi_X(sB_X) : 0.0940 \text{ G m}^2$$

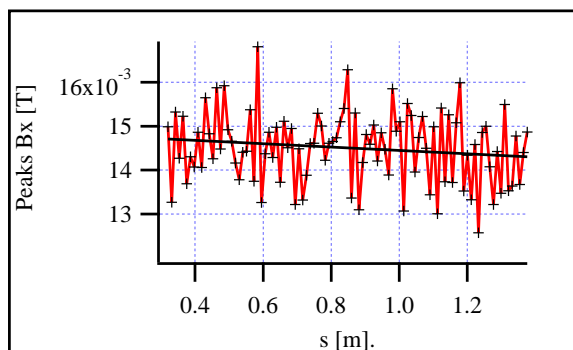
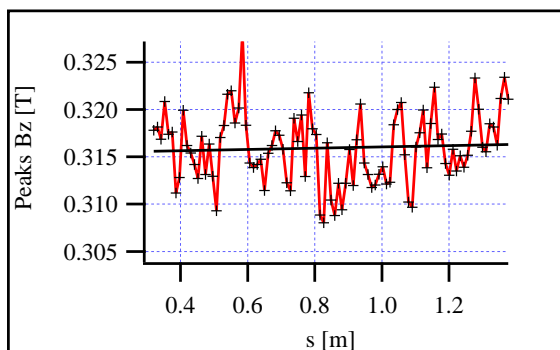
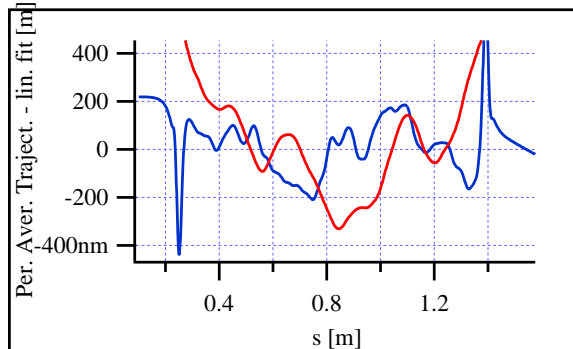
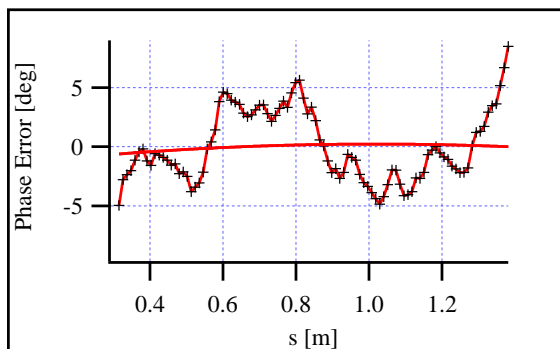
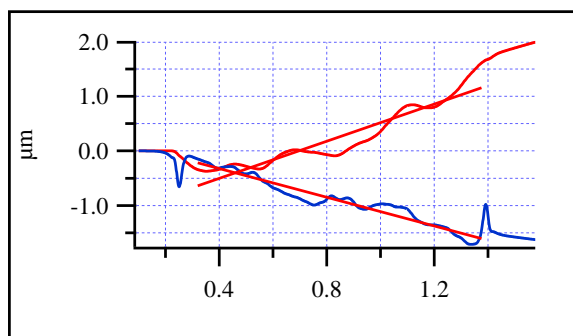
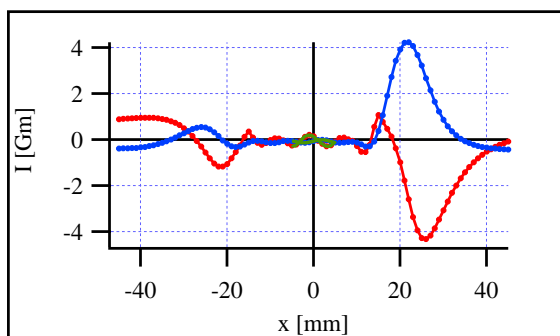
H Quadrupole : -120.4 G

 $\mu_z(\text{sBz}): -0.1158 \text{ G m}^2$

H Sextupole : -441.3 G/cm

BzTrj RMS dev. : 0.1 um

BxTrj RMS dev. : 0.2 um



Kyma Srl

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