

Kyma Analysis Report

Name : 1991d

Date : 8. maj 2020

Temperature : 23.0

Filename : 1991d-TPF-UFCM 20200508

Waves analysed : Bz103,Bx103,Izmes7,Ixmes7

Gap [mm] : 200

Phase [mm] : 3 Hall Z [mm] : -1 Peak Field Bx: 0.01091 T

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 8.8 %

Peak Field Bz: 0.75121 T

Undulator Period : 22.00+-0.03 mm

e-beam energy : 3 GeV

Bx Taper : -3.502 G/m

Krms : 1.092

V Dipole : -17.2 G cm

Iz(coil) : -17.4 G cm

V Quadrupole : 0.1 G

$$I_z(\text{BzC}): -17.4 \text{ Gcm} \quad I_z(\text{Bz}) : 89.6 \text{ G cm}$$

V Sextupole : 72.5 G/cm

$I_x(\text{coil}) : -5.5 \text{ G cm}$

$$I_x(B_xC) : -5.5 \text{ Gcm} \quad I_x(B_x) : 576.5 \text{ G cm}$$

H Dipole : -4.6 G cm

$$\Pi_X(sB_X) : 0.0658 \text{ G m}^2$$

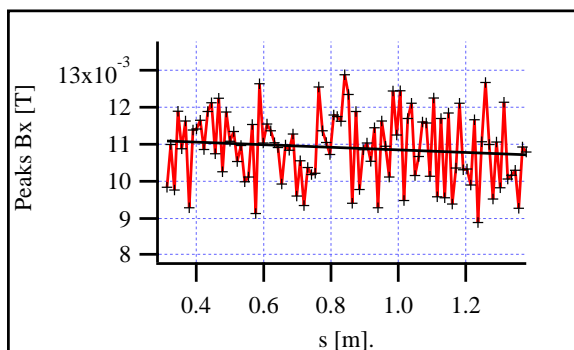
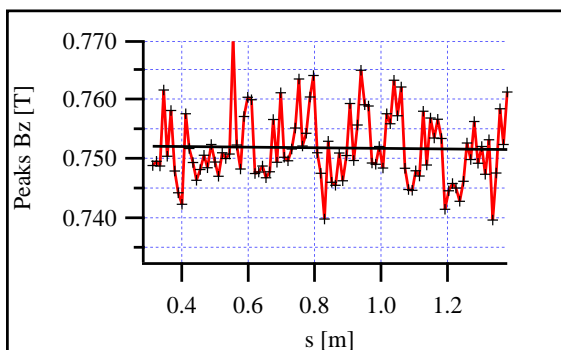
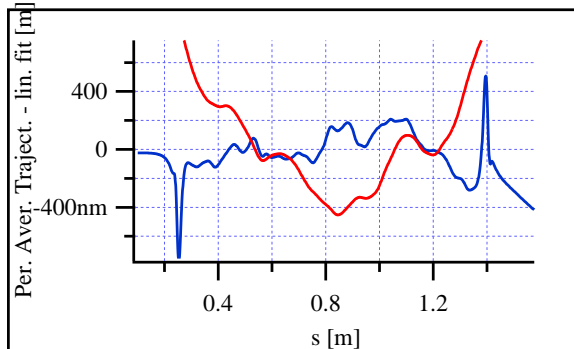
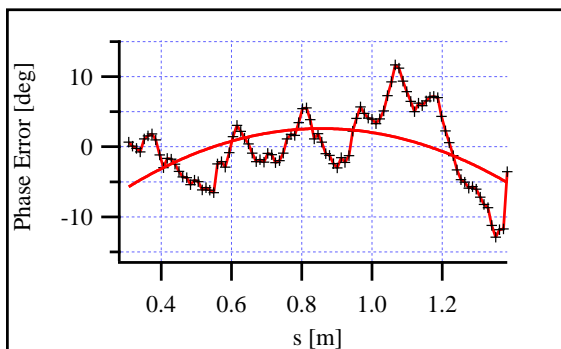
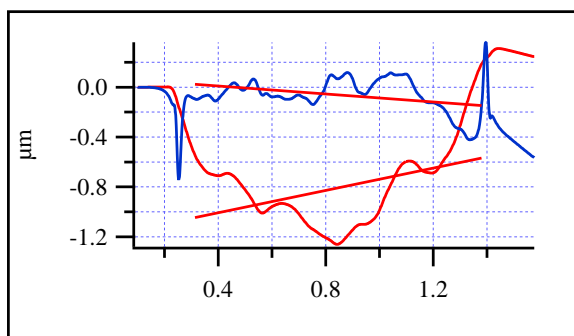
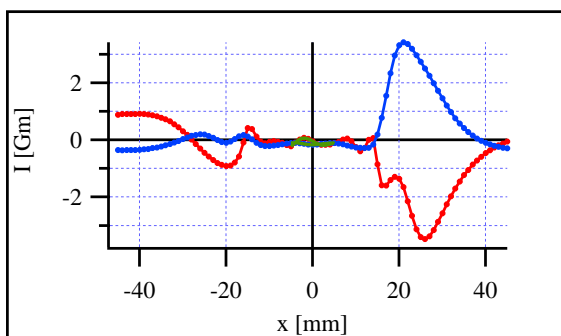
H Quadrupole : -86.6 G

 $\Pi_z(sB_z): 0.0743 \text{ G m}^2$

H Sextupole : -36.1 G/cm

BzTrj RMS dev. : 0.1 um

BxTri RMS dev. : 0.3 μm



Kyma Srl

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