

Kyma Analysis Report

Date : 24. feb 2020

Temperature : 23.0

Filename : 1991b-TPF-UFCM 20200224

Waves analysed : Bz133,Bx133,Izmes26,Ixmes26

Gap [mm] : 200

Phase [mm] : 6 Hall Z [mm] : 0 Peak Field Bx: 0.00840 T

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 9.3 %

Peak Field Bz: 0.44176 T

Undulator Period : 22.00+-0.03 mm

e-beam energy : 3 GeV

Delta Bz/Bz : 1.2 %

Bx Taper : 2.081 G/m

Krms : 0.642

V Dipole : -0.0 G cm

Iz(coil) : 0.2 G cm

V Quadrupole : -2.3 G

$$I_z(\text{BzC}): 0.2 \text{ G cm} \quad I_z(\text{Bz}): 33.4 \text{ G cm}$$

V Sextupole : -88.2 G/cm

$I_x(\text{coil}) : 8.4 \text{ G cm}$

$$I_x(BxC) : 8.4 \text{ Gcm} \quad I_x(Bx) : 874.9 \text{ G cm}$$

H Dipole : 10.0 G cm

$$\Pi_X(sB_X) : 0.0922 \text{ G m}^2$$

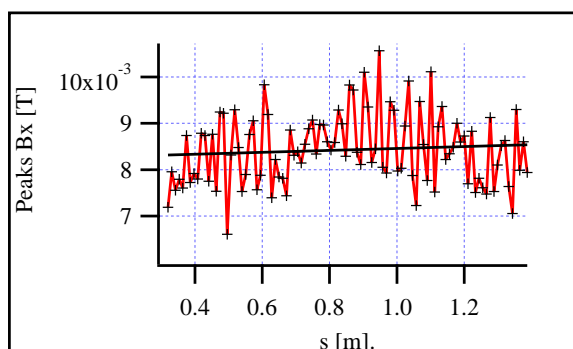
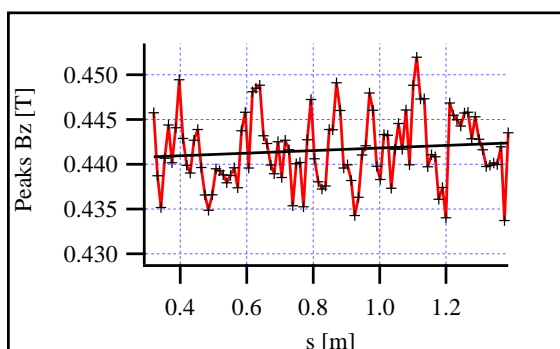
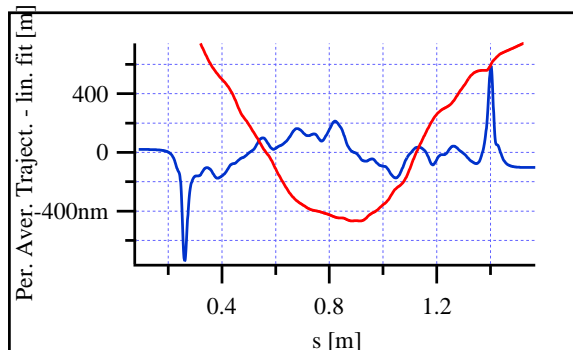
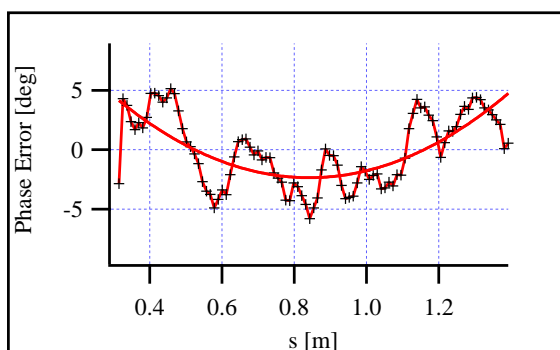
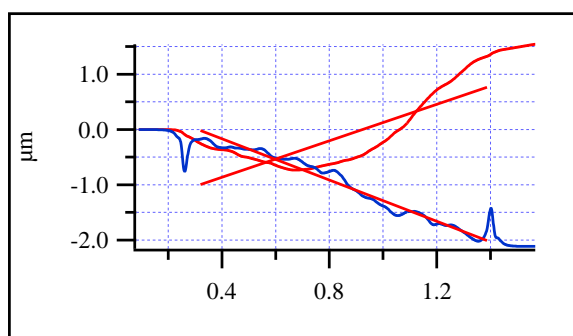
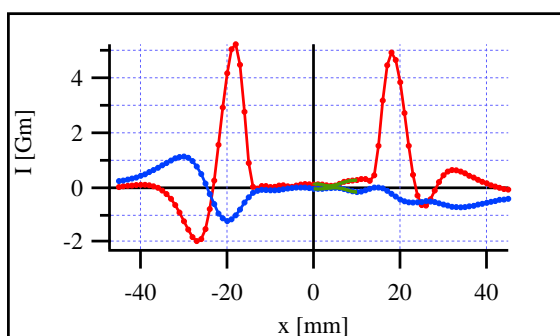
H Quadrupole : 39.3 G

 $\Pi_z(\text{sBz}): -0.2126 \text{ G m}^2$

H Sextupole : 112.6 G/cm

BzTrj RMS dev. : 0.1 um

BxTrj RMS dev. : 0.4 um



Kyma Srl

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