

Kyma Analysis Report

Name : 1991b

Date : 24. feb 2020

Temperature : 23.0

Filename : 1991b-TPF-UFCM 20200224

Waves analysed : Bz225,Bx225,Izmes19,Ixmes19

Gap [mm] : 200

Phase [mm] : 4 Hall Z [mm] : 1 Peak Field Bx: 0.00779 T

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 10.2 %

Peak Field Bz: 0.60572 T

Undulator Period : 22.00+-0.02 mm

e-beam energy : 3 GeV

Delta Bz/Bz : 1.3 %

Bx Taper : 4.775 G/m

Krms : 0.880

Iz(coil) : -4.5

V Dipole : -4.3 G cm

V Quadrupole : -12.5 G

V Sextupole : 34.5 G/cm

$$I_x(BxC) : 7.8 \text{ Gcm} \quad I_x(Bx) : 842.3 \text{ G cm}$$

H Dipole : 11.5 G cm

$$\Pi_X(sB_X) : -0.0160 \text{ G m}^2$$

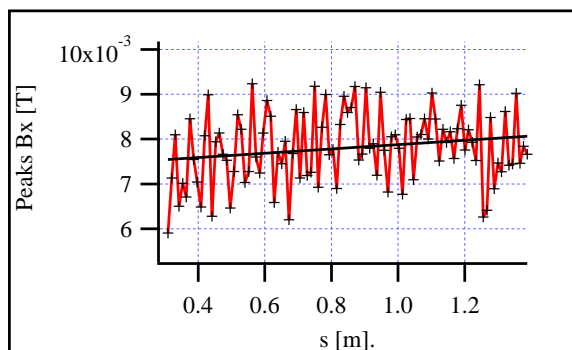
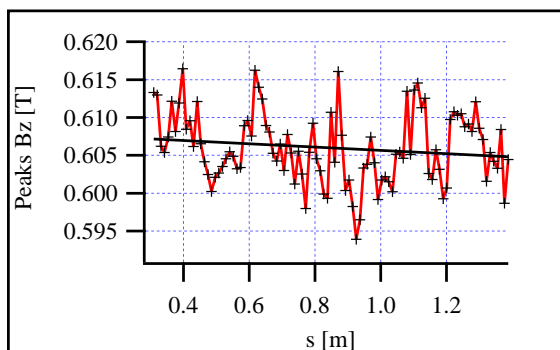
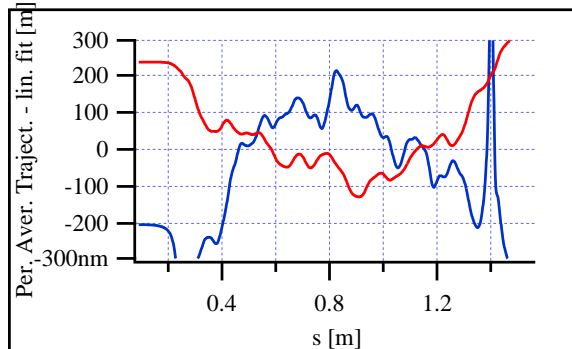
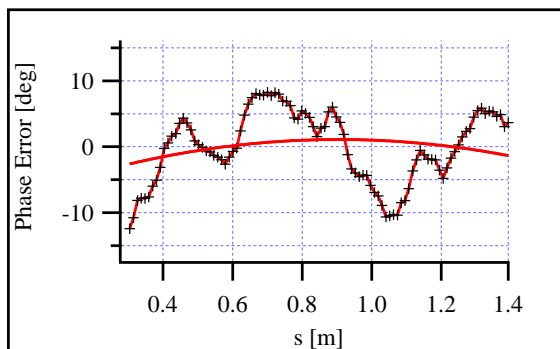
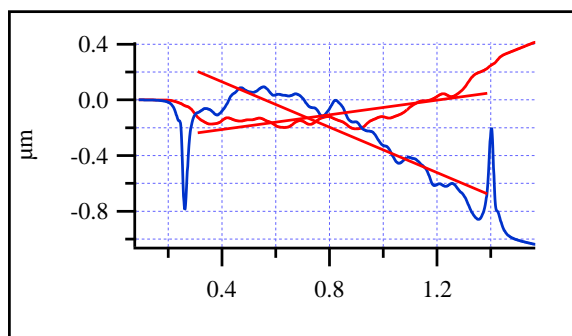
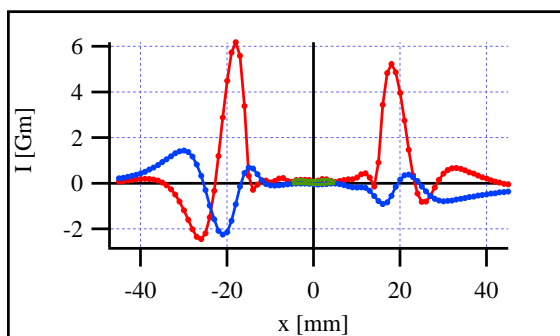
H Quadrupole : 8.6 G

$$\Pi_z(\text{sBz}): -0.0706 \text{ G m}^2$$

H Sextupole : 93.1 G/cm

BzTrj RMS dev. : 0.1 um

BxTrj RMS dev. : 0.1 um



Kyma Srl

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