

Kyma Analysis Report

Name : 1991b

Date : 24. feb 2020

Temperature : 23.0

Filename : 1991b-TPF-UFCM 20200224

Waves analysed : Bz223,Bx223,Izmes15,Ixmes15

Gap [mm] : 200

Phase [mm] : 3 Hall Z [mm] : 1 Peak Field Bx: 0.00770 T

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 10.3 %

Peak Field Bz: 0.65620 T

Undulator Period : 22.00+-0.02 mm

e-beam energy : 3 GeV

Delta Bz/Bz : 1.3 %

Bx Taper : 4.718 G/m

Krms : 0.954

Iz(coil) : -5.6

V Dipole : -5.6 G cm

V Quadrupole : -12.4 G

V Sextupole : 36.1 G/cm

$$I_x(B_xC) : 8.0 \text{ Gcm} \quad I_x(B_x) : 709.2 \text{ G cm}$$

H Dipole : 11.7 G cm

$$\Pi_X(sB_X) : -0.0123 \text{ G m}^2$$

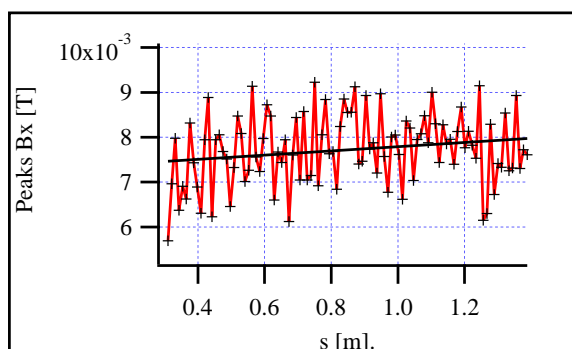
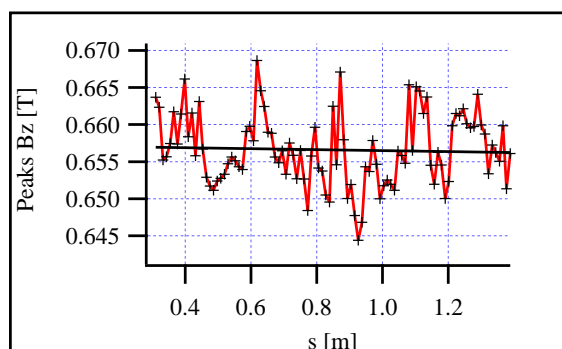
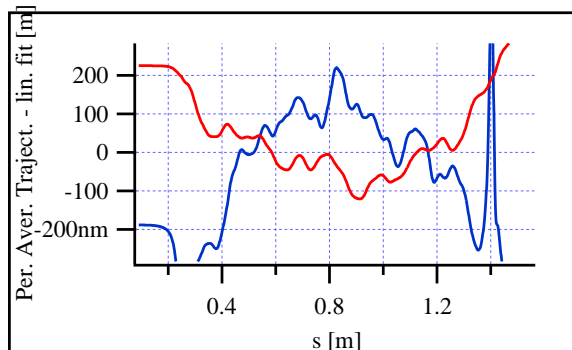
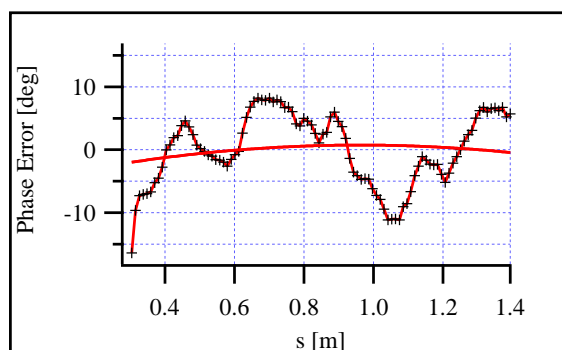
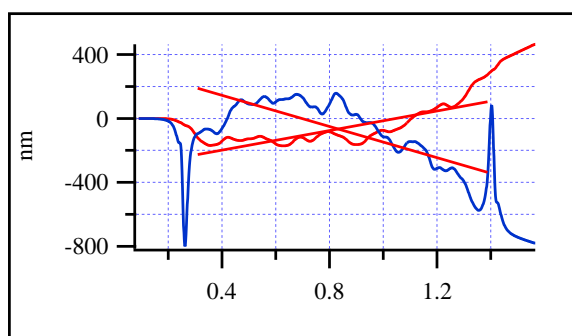
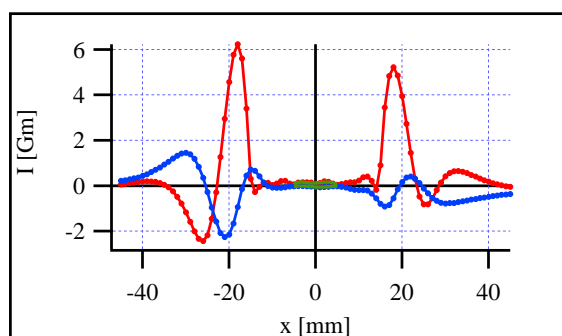
H Quadrupole : 11.7 G

 $\mu_z(\text{sBz}): -0.0369 \text{ G m}^2$

H Sextupole : 88.5 G/cm

BzTrj RMS dev. : 0.1 um

BxTrj RMS dev. : 0.1 um



Kyma Srl

S.S. 14 km 163,5 in Area Science Park – IT-34149 Trieste, Italy - VAT no.: IT-01131640326
Voice: +39.040.375.8796 – Fax: +39.040.375.8029 – E-mail: info@kvma-undulators.eu – web: www.kvma-undulators.eu