

# Kyma Analysis Report

Date : 24. feb 2020

Temperature : 23.0

Filename : 1991b-TPF-UFCM 20200224

Waves analysed : Bz101,Bx101,Izmes9,Ixmes9

Gap [mm] : 200

RMS Phase Error : 4.10 deg

Fund. En. (B2E) : 1915.0 eV = 0.6 nm

Radiation wavelength (lin. fit): 0.6 nm

Peaks used : 103

Bz Taper : -6.343 G/m

Krms : 1.008

Iz(coil) : -1.3

Pred. C.C. currents

$$I_z(\text{BzC}): -1.2 \text{ Gcm} \quad I_z(\text{Bz}): 54.3 \text{ G cm}$$

I1 : -0.0520 A

Ix(coil) : 2.0 G cm

I2 : -0.5994 A

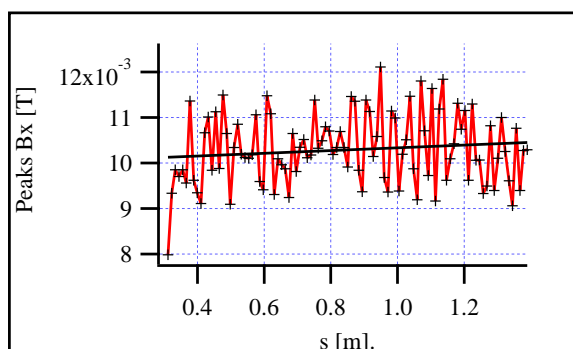
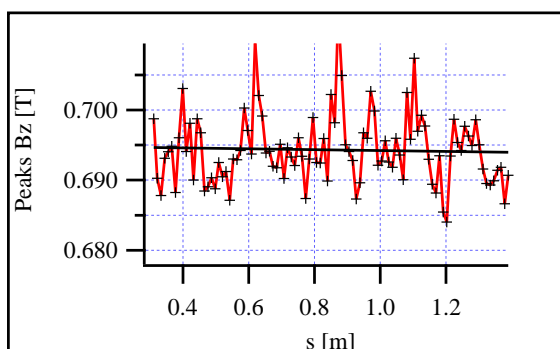
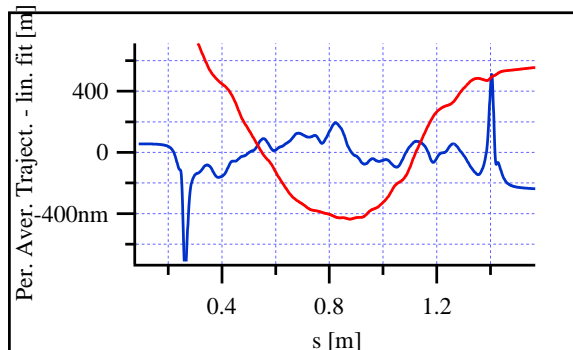
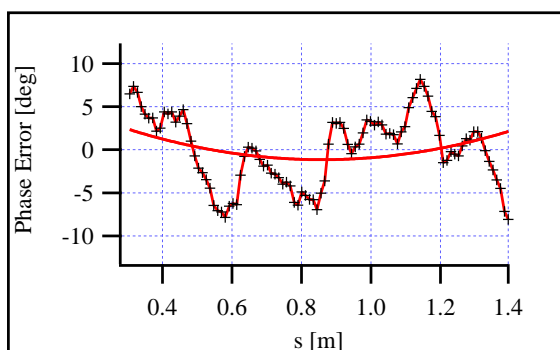
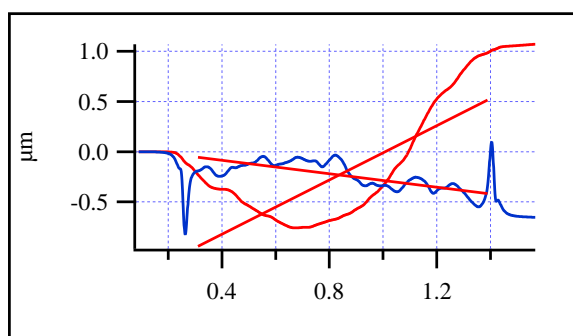
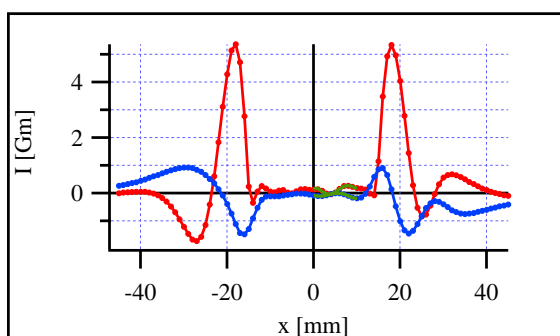
$$I_x(BxC) : 2.0 \text{ Gcm} \quad I_x(Bx) : 496.4 \text{ G cm}$$
$$\Pi_X(sB_X) : 0.0921 \text{ G m}^2$$

I3 : 0.0341 A

 $\Pi_z(\text{sBz}): -0.0561 \text{ G m}^2$  $I_4 : 0.3775 \text{ A}$ 

BzTrj RMS dev. : 0.1 um

BxTrj RMS dev. : 0.3 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](mailto:info@kvma-undulators.eu) - web: [www.kvma-undulators.eu](http://www.kvma-undulators.eu)