# Kyma Analysis Report

Name : 1991d  Date : 8. maj 2020  Temperature : 23.0

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz91,Bx91,Izmes19,Ixmes19

Gap [mm] : 200

Phase [mm] : 9  Hall Z [mm] : -1  Peak Field  Bx: 0.00307 T  RMS Phase Error : 7.66 deg

Taper [mm] : 0  Hall X [mm]: -5  Delta Bx/Bx : 35.7 %  Fund. En. (B2E) : 2769.9 eV = 0.4 nm

Peak Field  Bz: 0.43474 T  Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.06 mm  Delta Bz/Bz : 1.6 %  Peaks used : 102

e-beam energy : 3 GeV  Bx Taper : 0.168 G/m  Bz Taper : -9.119 G/m

Krms : 0.632

V Dipole : -7.3 G cm  Iz(coil) : -7.6 G cm  Pred. C.C. currents

V Quadrupole : 16.5 G  Iz(BzC): -7.6 Gcm  Iz(Bz) : 56.1 G cm  I1 : 1.6207 A

V Sextupole : -66.0 G/cm  Ix(coil) : -24.2 G cm  I2 : 0.0870 A

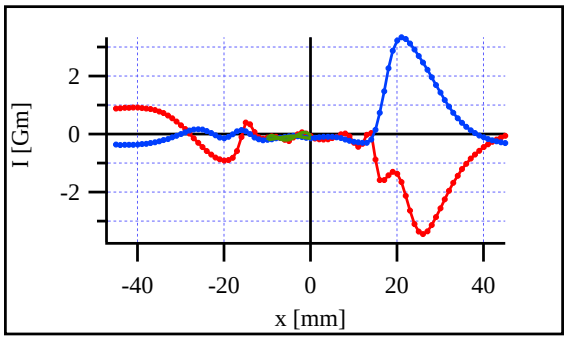
Ix(BxC) : -24.2 Gcm  Ix(Bx) : 497.4 G cm

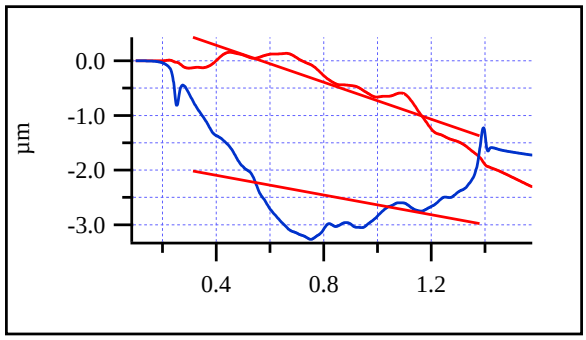
H Dipole : -18.9 G cm  IIx(sBx) : -0.0493 G m^2  I3 : 0.4163 A

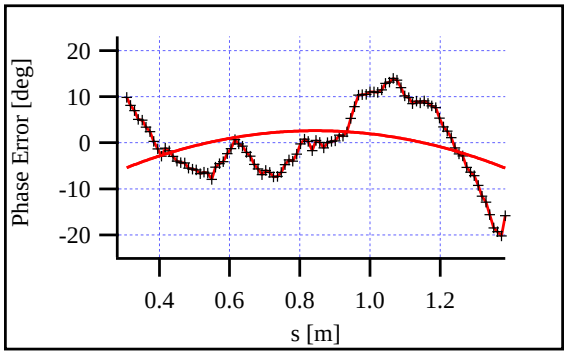
H Quadrupole : 44.6 G  IIz(sBz): -0.1158 G m^2  I4 : 0.7224 A

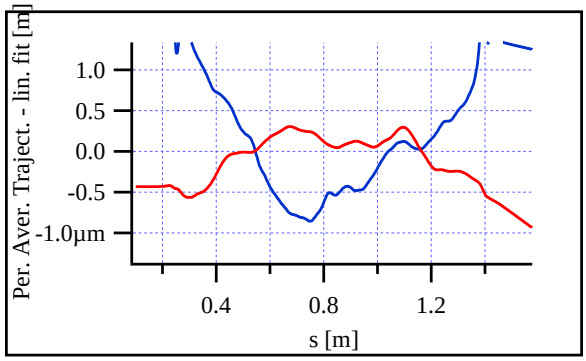
H Sextupole : 263.0 G/cm  BzTrj RMS dev. : 0.6 um

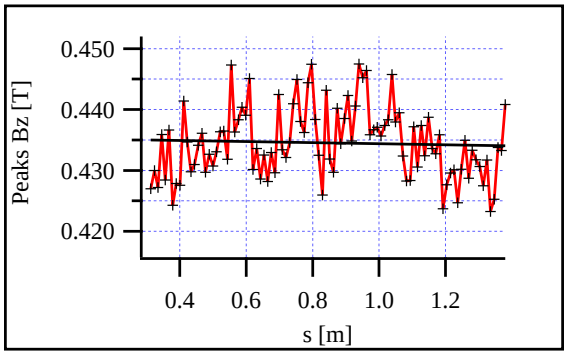
BxTrj RMS dev. : 0.2 um

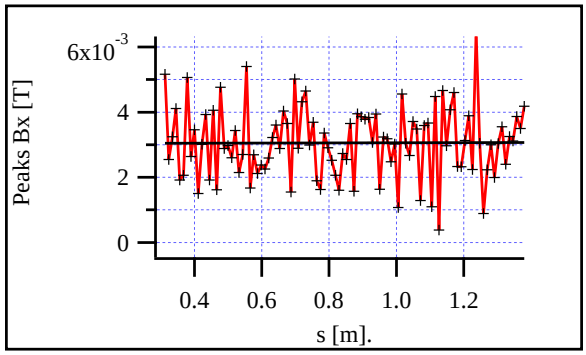
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