# Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz177,Bx177,Izmes33,Ixmes33

Gap [mm] : 200

Phase [mm] : 4  Hall Z [mm] : 0  Peak Field Bx: 0.01248 T  RMS Phase Error : 3.14 deg

Taper [mm] : 0  Hall X [mm]: 0  Delta Bx/Bx : 7.0 %  Fund. En. (B2E) : 2124.6 eV = 0.6 nm

Peak Field Bz: 0.62780 T  Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm  Delta Bz/Bz : 1.2 %  Peaks used : 102

e-beam energy : 3 GeV  Bx Taper : -4.204 G/m  Bz Taper : -17.259 G/m

Krms : 0.912

V Dipole : -15.7 G cm  Iz(coil) : -16.3 G cm  Pred. C.C. currents

V Quadrupole : 19.7 G  Iz(BzC): -16.4 Gcm  Iz(Bz) : 66.2 G cm  I1 : 0.3722 A

V Sextupole : 19.5 G/cm  Ix(coil) : 4.8 G cm  I2 : -1.2107 A

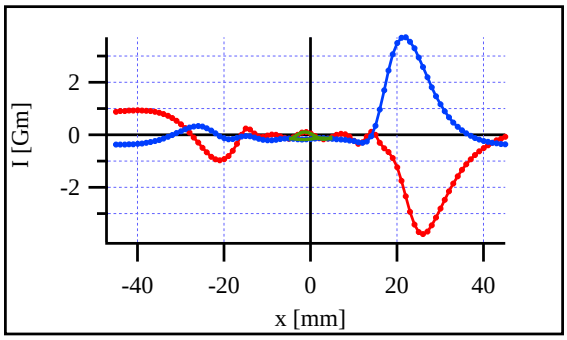
Ix(BxC) : 4.8 Gcm  Ix(Bx) : 769.1 G cm

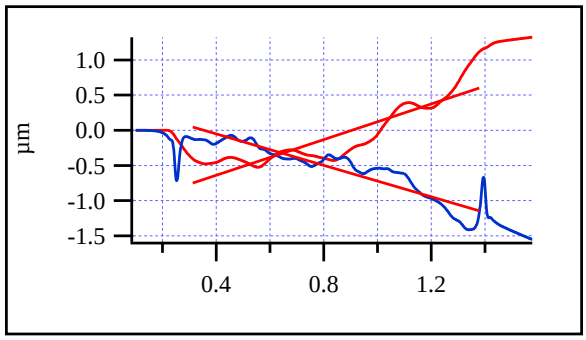
H Dipole : 4.7 G cm  IIx(sBx) : 0.0966 G m^2  I3 : 0.6729 A

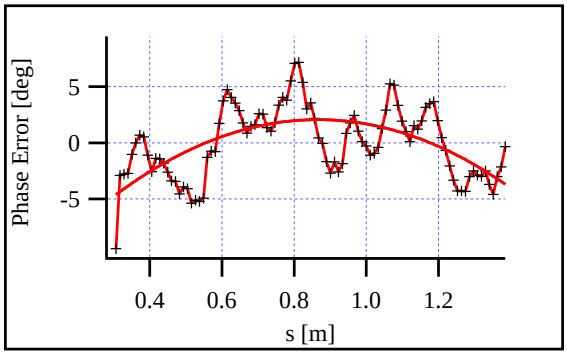
H Quadrupole : -80.6 G  IIz(sBz): -0.0323 G m^2  I4 : -0.3962 A

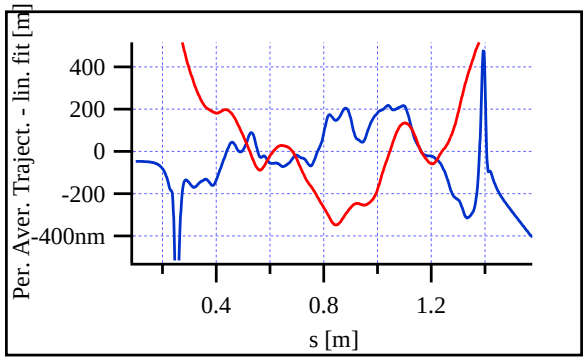
H Sextupole : -181.8 G/cm  BzTrj RMS dev. : 0.1 um

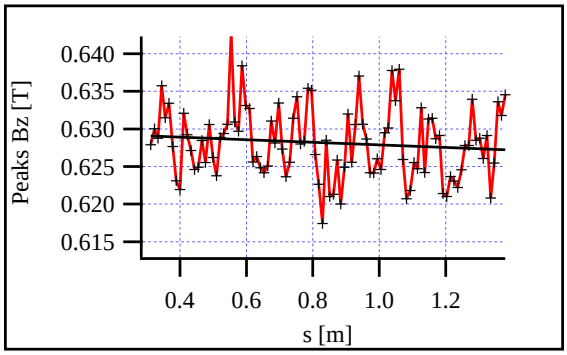
BxTrj RMS dev. : 0.2 um

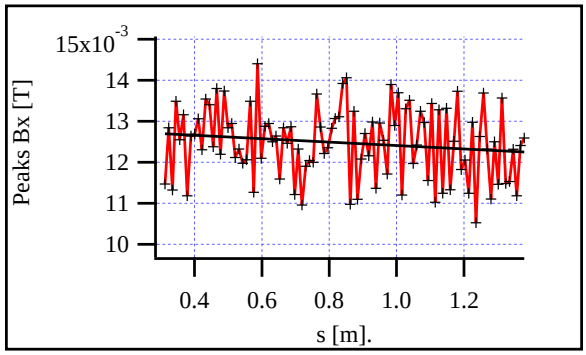
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