# Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz217,Bx217,Izmes49,Ixmes49

Gap [mm] : 200

Phase [mm] : 0  Hall Z [mm] : 1  Peak Field Bx: 0.00697 T  RMS Phase Error : 2.59 deg

Taper [mm] : 0  Hall X [mm]: -5  Delta Bx/Bx : 13.6 %  Fund. En. (B2E) : 1927.2 eV = 0.6 nm

Peak Field Bz: 0.69444 T  Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm  Delta Bz/Bz : 0.8 %  Peaks used : 101

e-beam energy : 3 GeV  Bx Taper : 3.496 G/m  Bz Taper : 5.478 G/m

Krms : 1.009

V Dipole : -15.7 G cm  Iz(coil) : -15.2 G cm  Pred. C.C. currents

V Quadrupole : -26.4 G  Iz(BzC): -15.2 Gcm  Iz(Bz) : 64.2 G cm  I1 : 1.2634 A

V Sextupole : -83.7 G/cm  Ix(coil) : -23.5 G cm  I2 : -0.3253 A

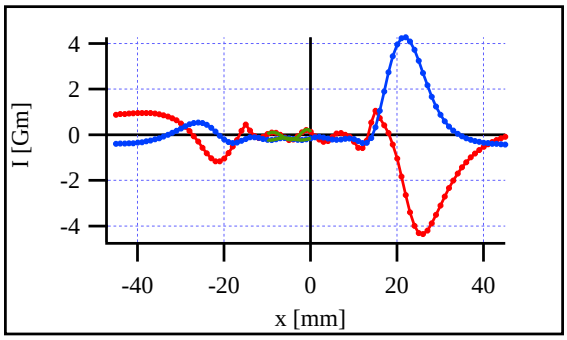
Ix(BxC) : -23.5 Gcm  Ix(Bx) : -162.1 G cm

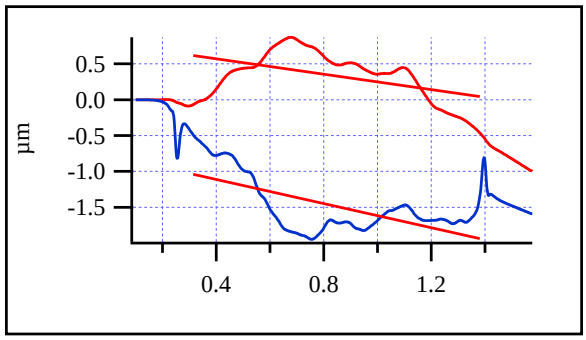
H Dipole : -20.9 G cm  IIx(sBx) : 0.0771 G m^2  I3 : 1.3559 A

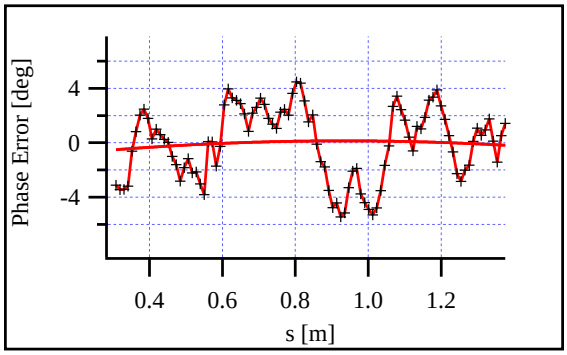
H Quadrupole : -37.2 G  IIz(sBz): -0.0444 G m^2  I4 : 0.4726 A

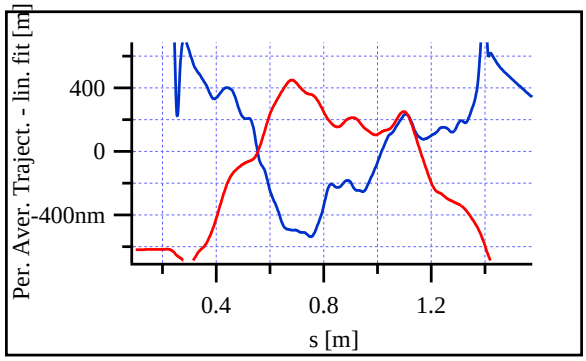
H Sextupole : 453.1 G/cm  BzTrj RMS dev. : 0.3 um

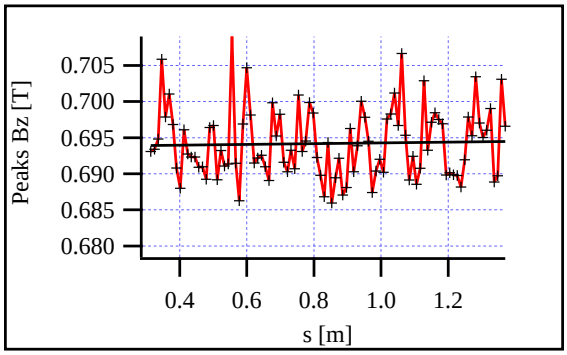
BxTrj RMS dev. : 0.3 um

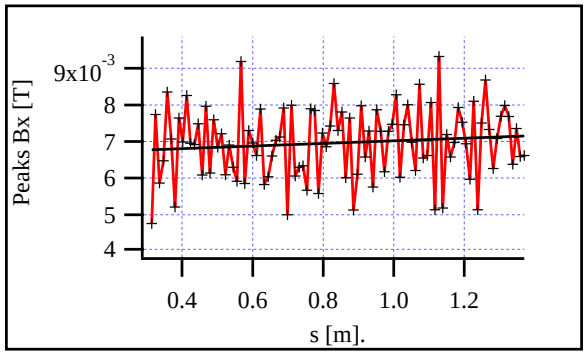
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