# Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz199,Bx199,Izmes31,Ixmes31

Gap [mm] : 200

Phase [mm] : 3  Hall Z [mm] : 0  Peak Field Bx: 0.00978 T  RMS Phase Error : 3.66 deg

Taper [mm] : 0  Hall X [mm]: -5  Delta Bx/Bx : 10.0 %  Fund. En. (B2E) : 2011.6 eV = 0.6 nm

Peak Field Bz: 0.66146 T  Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm  Delta Bz/Bz : 1.1 %  Peaks used : 102

e-beam energy : 3 GeV  Bx Taper : -0.529 G/m  Bz Taper : -10.101 G/m

Krms : 0.961

V Dipole : -12.0 G cm  Iz(coil) : -11.8 G cm  Pred. C.C. currents

V Quadrupole : -3.9 G  Iz(BzC): -11.9 Gcm  Iz(Bz) : 92.6 G cm  I1 : 1.2799 A

V Sextupole : -60.7 G/cm  Ix(coil) : -16.0 G cm  I2 : -0.5030 A

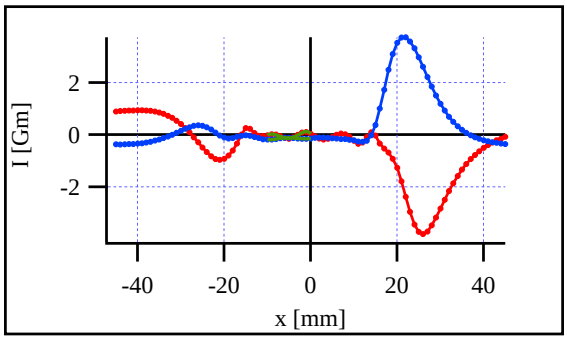
Ix(BxC) : -16.0 Gcm  Ix(Bx) : 553.1 G cm

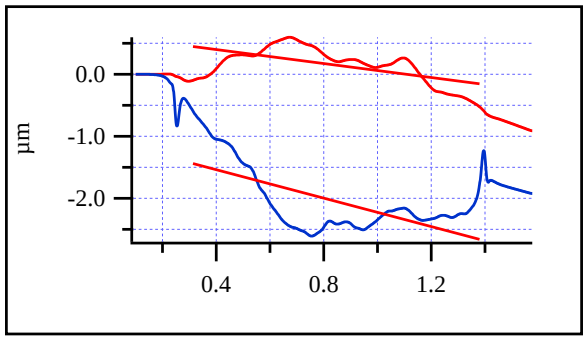
H Dipole : -13.7 G cm  IIx(sBx) : 0.0283 G m^2  I3 : 0.6210 A

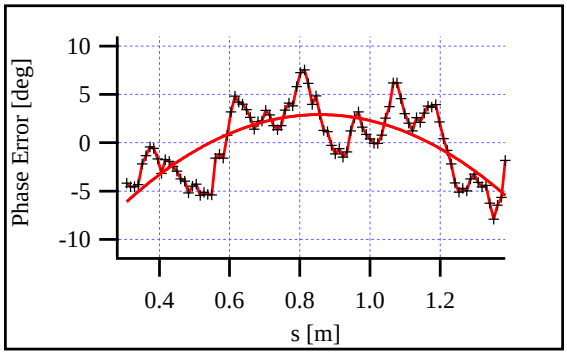
H Quadrupole : 10.1 G  IIz(sBz): -0.1035 G m^2  I4 : 0.4821 A

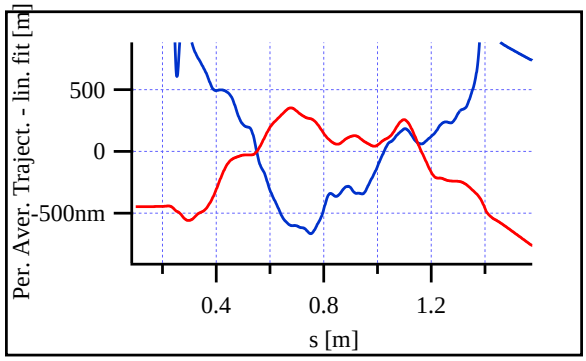
H Sextupole : 265.5 G/cm  BzTrj RMS dev. : 0.4 um

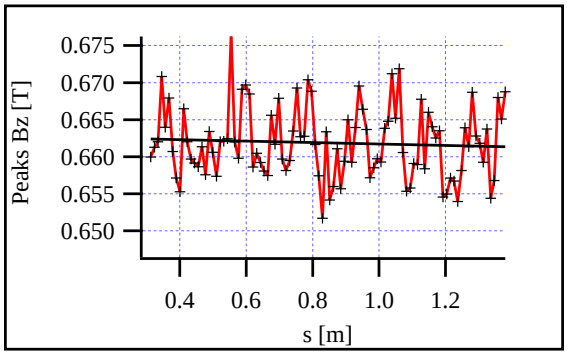
BxTrj RMS dev. : 0.2 um

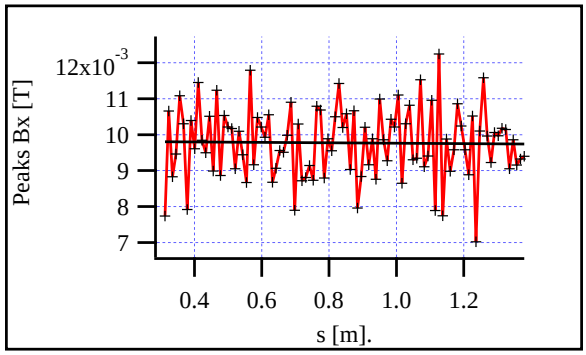
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