# Kyma Analysis Report

Name : 1991b  Date : 24. feb 2020  Temperature : 23.0

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz185,Bx185,Izmes34,Ixmes34

Gap [mm] : 200

Phase [mm] : 8  Hall Z [mm] : 0  Peak Field Bx: 0.00781 T  RMS Phase Error : 2.43 deg

Taper [mm] : 0  Hall X [mm]: -5  Delta Bx/Bx : 10.6 %  Fund. En. (B2E) : 3386.1 eV = 0.4 nm

Peak Field Bz: 0.26381 T  Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.05 mm  Delta Bz/Bz : 1.8 %  Peaks used : 102

e-beam energy : 3 GeV  Bx Taper : 3.192 G/m  Bz Taper : 20.331 G/m

Krms : 0.384

V Dipole : -1.6 G cm  Iz(coil) : -1.6 G cm  Pred. C.C. currents

V Quadrupole : 22.3 G  Iz(BzC): -1.6 Gcm  Iz(Bz) : 18.2 G cm  I1 : 0.7901 A

V Sextupole : -38.5 G/cm  Ix(coil) : 3.9 G cm  I2 : -1.5223 A

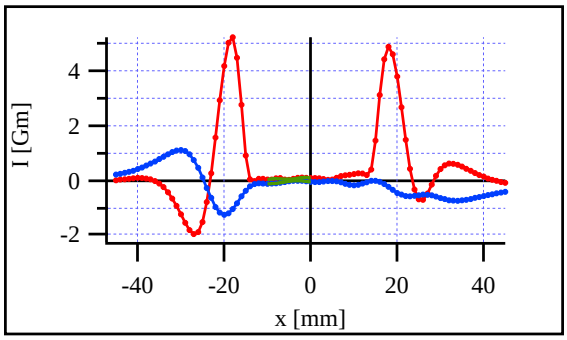
Ix(BxC) : 3.9 Gcm  Ix(Bx) : 627.4 G cm

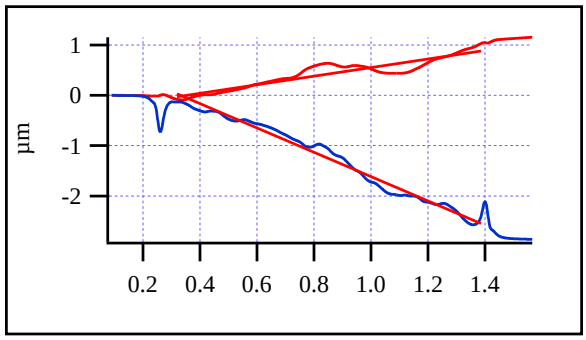
H Dipole : 6.3 G cm  IIx(sBx) : 0.0874 G m^2  I3 : -0.8879 A

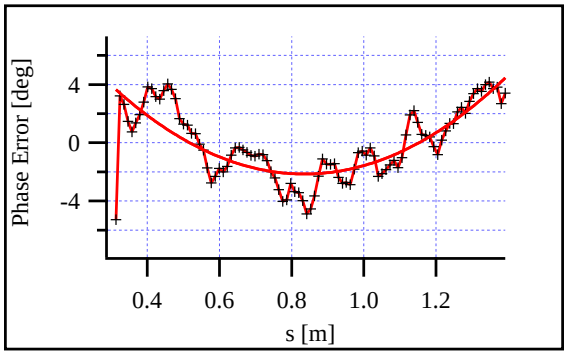
H Quadrupole : 4.3 G  IIz(sBz): -0.2747 G m^2  I4 : 1.1644 A

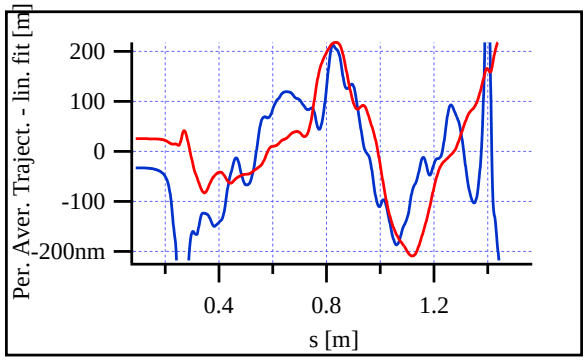
H Sextupole : 63.6 G/cm  BzTrj RMS dev. : 0.1 um

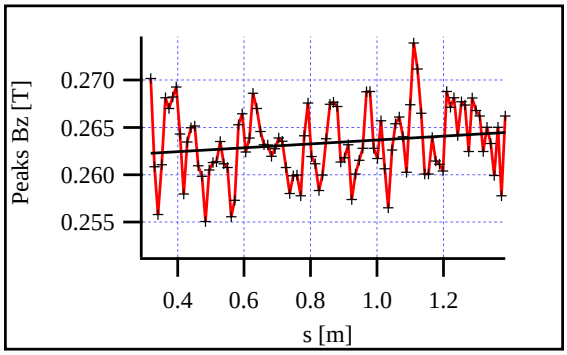
BxTrj RMS dev. : 0.1 um

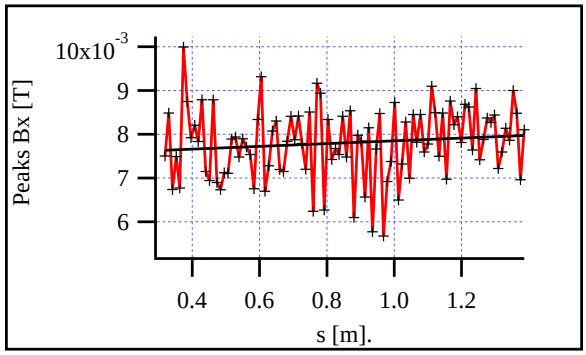
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