# Kyma Analysis Report

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

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz127,Bx127,Izmes14,Ixmes14

Gap [mm] : 200

Phase [mm] : 3  Hall Z [mm] : 0  Peak Field Bx: 0.00829 T  RMS Phase Error : 2.57 deg

Taper [mm] : 0  Hall X [mm]: 5  Delta Bx/Bx : 9.3 %  Fund. En. (B2E) : 2121.7 eV = 0.6 nm

Peak Field Bz: 0.62487 T  Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm  Delta Bz/Bz : 1.3 %  Peaks used : 103

e-beam energy : 3 GeV  Bx Taper : 2.324 G/m  Bz Taper : -11.498 G/m

Krms : 0.908

V Dipole : -2.8 G cm  Iz(coil) : -2.6 G cm  Pred. C.C. currents

V Quadrupole : -3.7 G  Iz(BzC): -2.5 Gcm  Iz(Bz) : 10.6 G cm  I1 : 0.1948 A

V Sextupole : -93.0 G/cm  Ix(coil) : 6.5 G cm  I2 : -1.1004 A

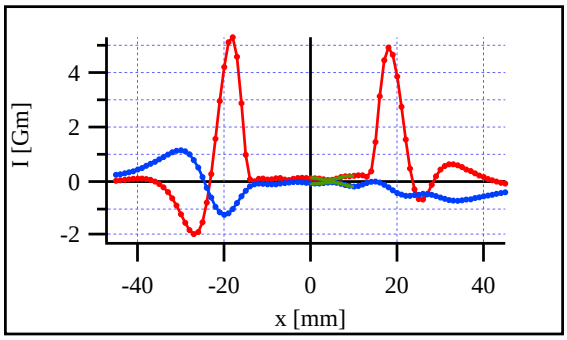
Ix(BxC) : 6.5 Gcm  Ix(Bx) : 690.9 G cm

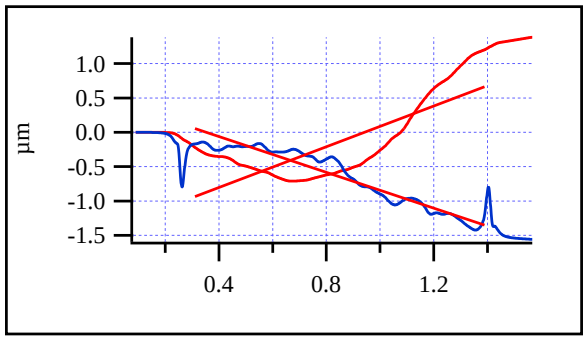
H Dipole : 7.9 G cm  IIx(sBx) : 0.0903 G m^2  I3 : -0.3717 A

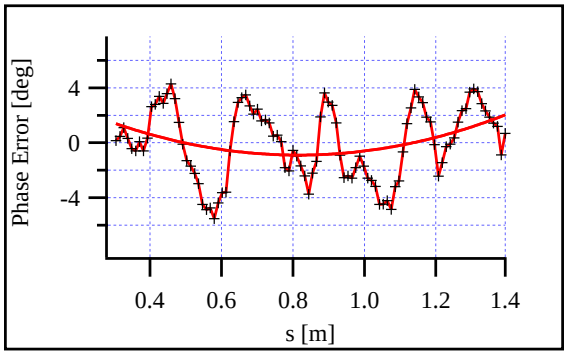
H Quadrupole : 29.4 G  IIz(sBz): -0.1370 G m^2  I4 : 0.5089 A

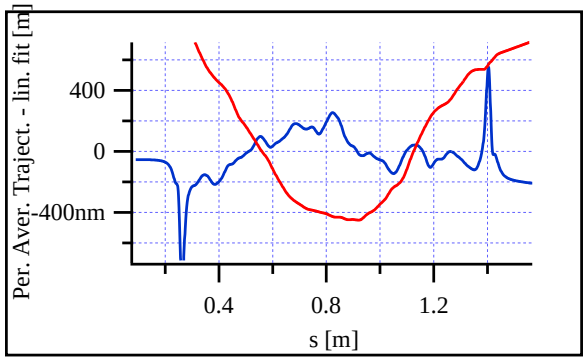
H Sextupole : 102.5 G/cm  BzTrj RMS dev. : 0.1 um

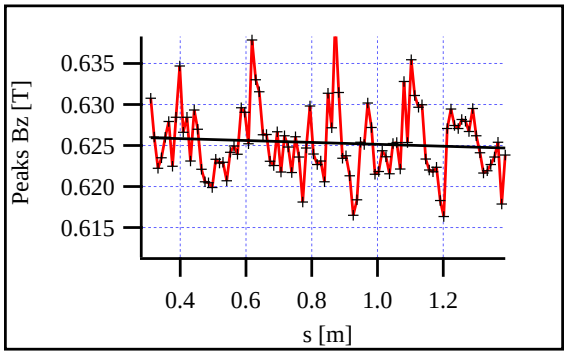
BxTrj RMS dev. : 0.4 um

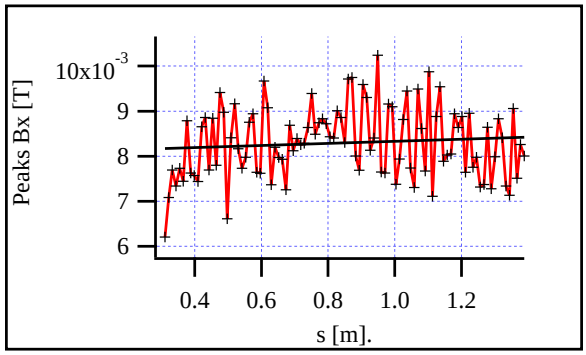
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