Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz227,Bx227,Izmes59,Ixmes59

Gap [mm] : 200

Phase [mm] : 5 Hall Z [mm] : 1 Peak Field Bx: 0.01386 T RMS Phase Error : 4.34 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 7.0 % Fund. En. (B2E) : 2373.6 eV = 0.5 nm

Peak Field Bz: 0.54940 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.3 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -0.690 G/m Bz Taper : -8.709 G/m

Krms : 0.799

V Dipole : -10.9 G cm Iz(coil) : -10.4 G cm Pred. C.C. currents

V Quadrupole : -26.7 G Iz(BzC): -10.4 Gcm Iz(Bz) : 80.0 G cm I1 : 1.4764 A

V Sextupole : -79.4 G/cm Ix(coil) : -26.3 G cm I2 : -0.3903 A

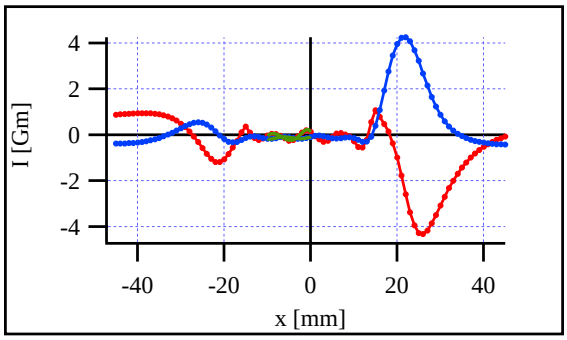
Ix(BxC) : -26.4 Gcm Ix(Bx) : 817.7 G cm

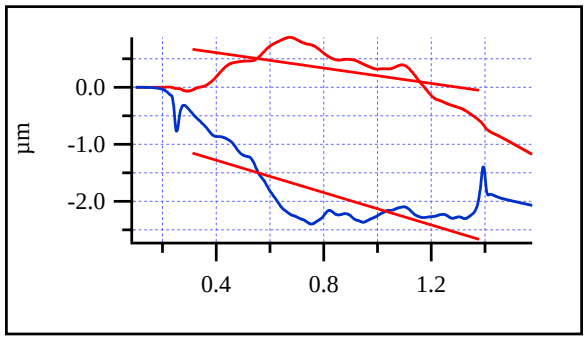
H Dipole : -23.9 G cm IIx(sBx) : 0.0807 G m^2 I3 : 0.9188 A

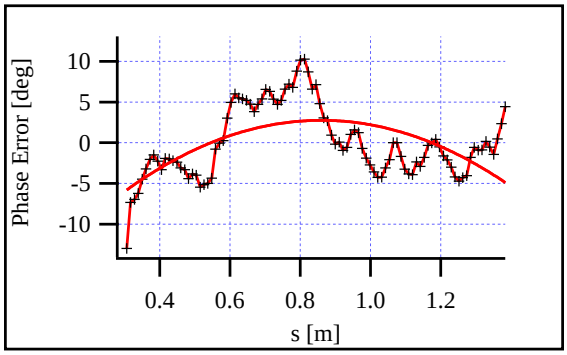
H Quadrupole : -32.1 G IIz(sBz): -0.1288 G m^2 I4 : 1.0985 A

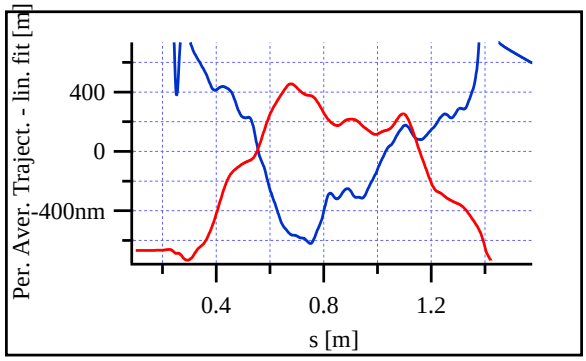
H Sextupole : 452.4 G/cm BzTrj RMS dev. : 0.4 um

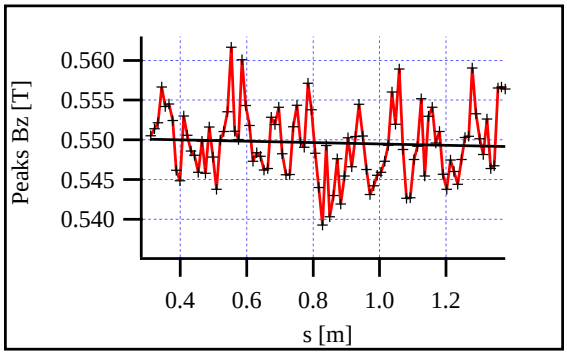
BxTrj RMS dev. : 0.3 um

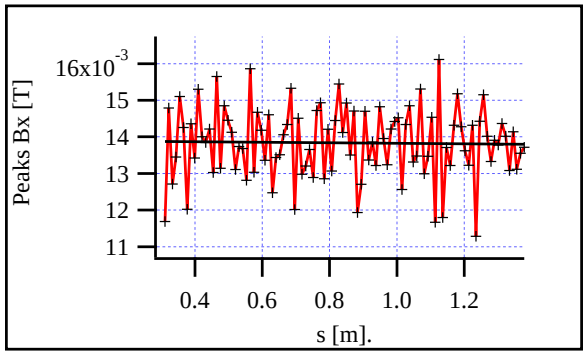












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