Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz409,Bx409,Izmes49,Ixmes49

Gap [mm] : 200

Phase [mm] : 0 Hall Z [mm] : 1 Peak Field Bx: 0.00298 T RMS Phase Error : 3.56 deg

Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 64.6 % Fund. En. (B2E) : 2114.4 eV = 0.6 nm

Peak Field Bz: 0.62970 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 0.9 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : 16.297 G/m Bz Taper : 8.603 G/m

Krms : 0.915

V Dipole : -13.4 G cm Iz(coil) : -12.8 G cm Pred. C.C. currents

V Quadrupole : -44.5 G Iz(BzC): -12.8 Gcm Iz(Bz) : 52.8 G cm I1 : 1.7797 A

V Sextupole : -93.3 G/cm Ix(coil) : -14.8 G cm I2 : -2.4317 A

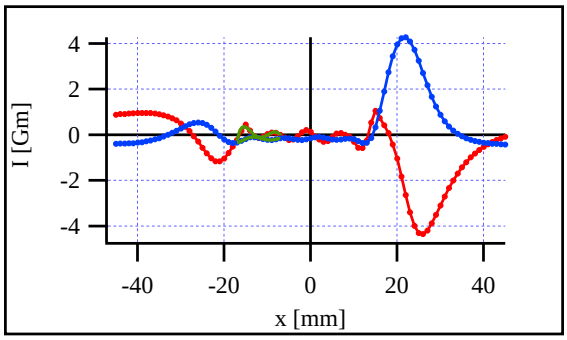
Ix(BxC) : -14.8 Gcm Ix(Bx) : -44.7 G cm

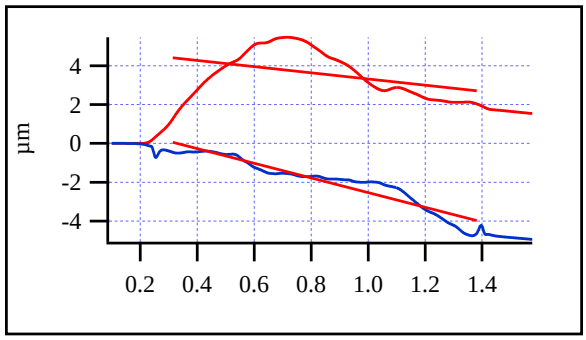
H Dipole : -10.9 G cm IIx(sBx) : 0.2644 G m^2 I3 : 0.1296 A

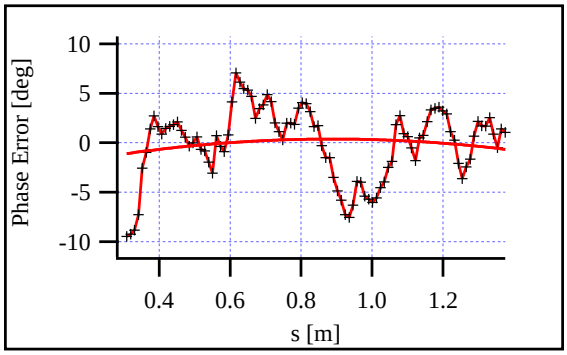
H Quadrupole : -44.9 G IIz(sBz): -0.3998 G m^2 I4 : 2.2702 A

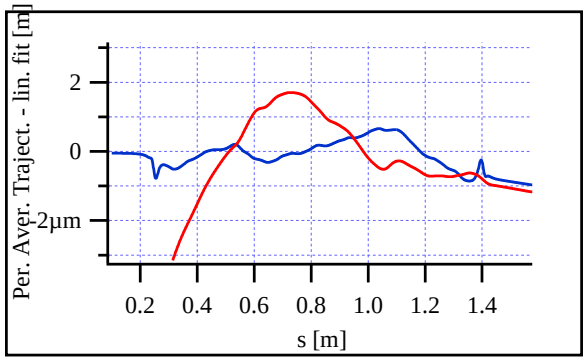
H Sextupole : 563.4 G/cm BzTrj RMS dev. : 0.4 um

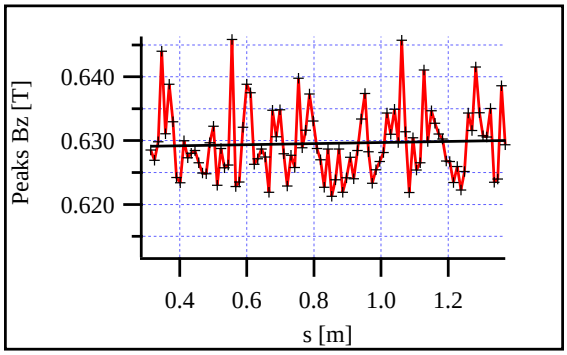
BxTrj RMS dev. : 1.1 um

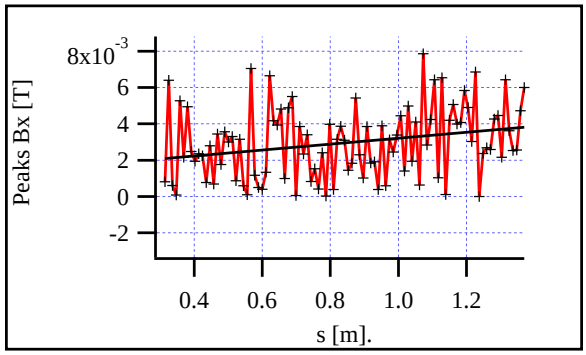












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