Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz391,Bx391,Izmes31,Ixmes31

Gap [mm] : 200

Phase [mm] : 3 Hall Z [mm] : 0 Peak Field Bx: 0.02427 T RMS Phase Error : 4.74 deg

Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 9.1 % Fund. En. (B2E) : 2280.7 eV = 0.5 nm

Peak Field Bz: 0.57064 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 : -11.110 G/m Bz Taper : -3.979 G/m

Krms : 0.830

V Dipole : -13.0 G cm Iz(coil) : -12.8 G cm Pred. C.C. currents

V Quadrupole : -45.5 G Iz(BzC): -12.8 Gcm Iz(Bz) : 32.1 G cm I1 : 1.2344 A

V Sextupole : 35.6 G/cm Ix(coil) : -4.6 G cm I2 : -2.6030 A

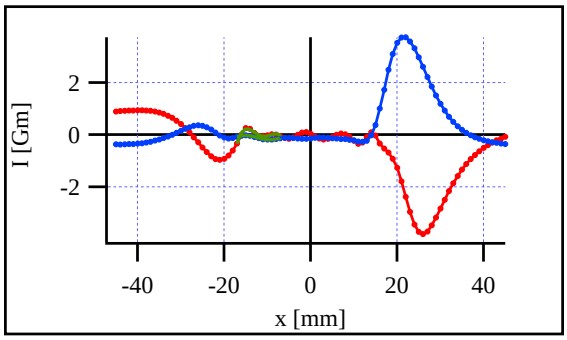
Ix(BxC) : -4.6 Gcm Ix(Bx) : 480.5 G cm

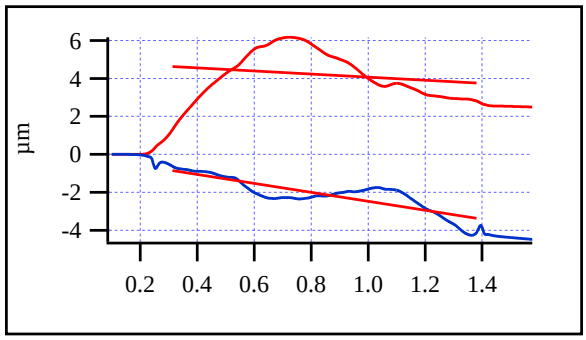
H Dipole : -0.8 G cm IIx(sBx) : 0.2843 G m^2 I3 : 0.0767 A

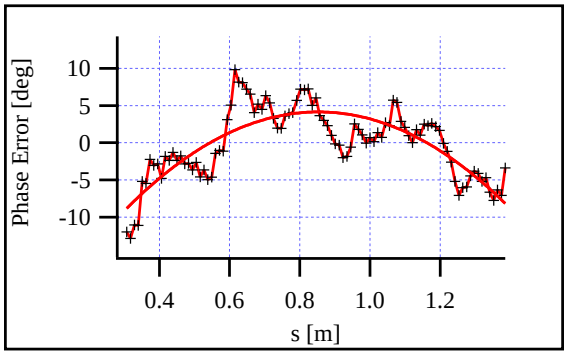
H Quadrupole : -81.8 G IIz(sBz): -0.3523 G m^2 I4 : 1.8362 A

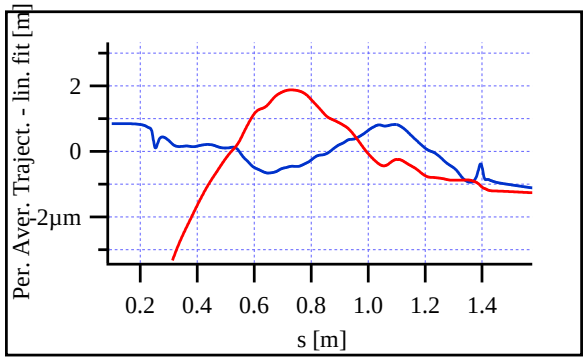
H Sextupole : 241.0 G/cm BzTrj RMS dev. : 0.5 um

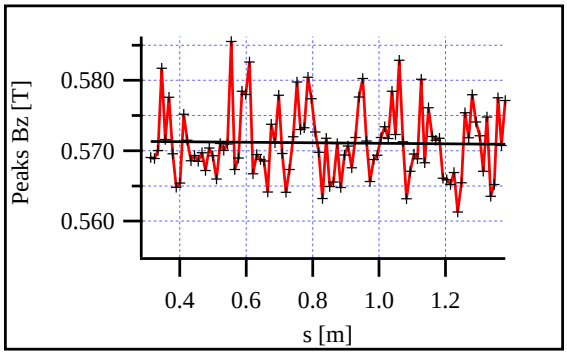
BxTrj RMS dev. : 1.2 um

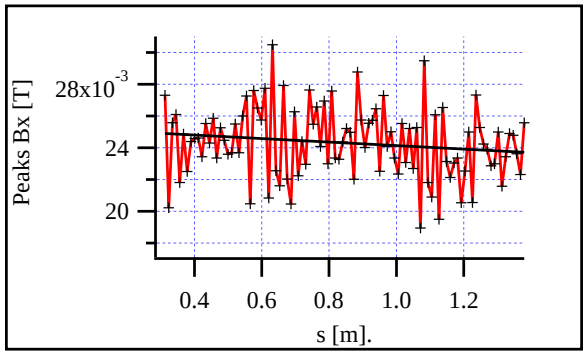












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