Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz109,Bx109,Izmes13,Ixmes13

Gap [mm] : 200

Phase [mm] : 6 Hall Z [mm] : -1 Peak Field Bx: 0.01242 T RMS Phase Error : 5.44 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 7.7 % Fund. En. (B2E) : 2170.6 eV = 0.6 nm

Peak Field Bz: 0.61252 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.04 mm Delta Bz/Bz : 1.1 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -4.543 G/m Bz Taper : -12.745 G/m

Krms : 0.890

V Dipole : -14.7 G cm Iz(coil) : -15.2 G cm Pred. C.C. currents

V Quadrupole : -2.8 G Iz(BzC): -15.3 Gcm Iz(Bz) : 48.1 G cm I1 : 0.3075 A

V Sextupole : 75.3 G/cm Ix(coil) : -6.0 G cm I2 : -0.4212 A

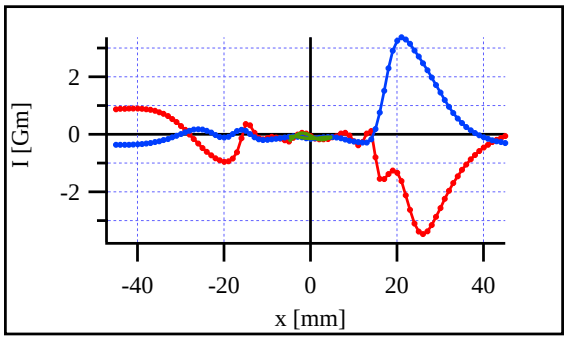
Ix(BxC) : -6.0 Gcm Ix(Bx) : 879.0 G cm

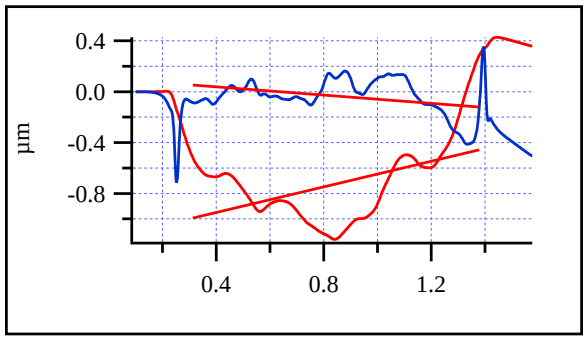
H Dipole : -5.0 G cm IIx(sBx) : 0.0806 G m^2 I3 : 1.2804 A

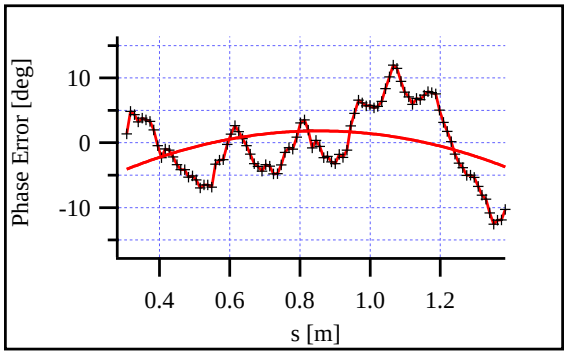
H Quadrupole : -83.1 G IIz(sBz): 0.0639 G m^2 I4 : -0.4640 A

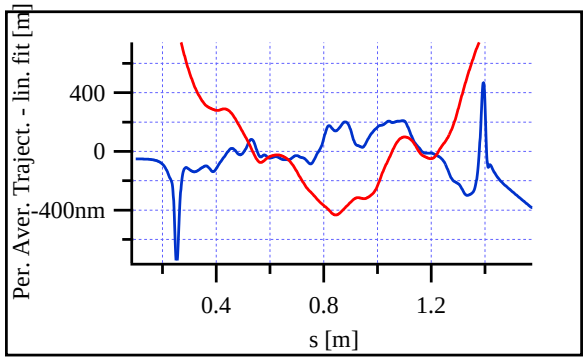
H Sextupole : -45.1 G/cm BzTrj RMS dev. : 0.1 um

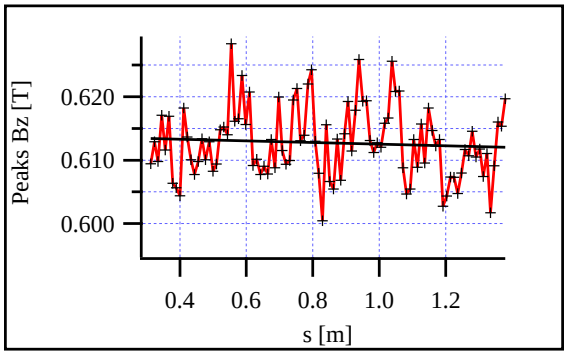
BxTrj RMS dev. : 0.3 um

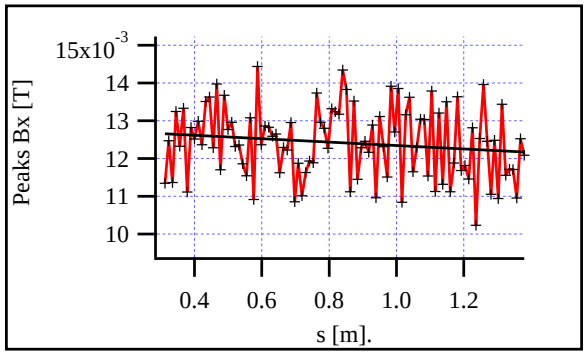












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