Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz339,Bx339,Izmes3,Ixmes3

Gap [mm] : 200

Phase [mm] : 1 Hall Z [mm] : -1 Peak Field Bx: 0.04036 T RMS Phase Error : 8.17 deg

Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 7.5 % Fund. En. (B2E) : 1875.6 eV = 0.7 nm

Peak Field Bz: 0.69846 T Radiation wavelength (lin. fit): 0.7 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.4 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : 4.818 G/m Bz Taper : 5.387 G/m

Krms : 1.017

V Dipole : -33.5 G cm Iz(coil) : -30.7 G cm Pred. C.C. currents

V Quadrupole : -19.2 G Iz(BzC): -30.7 Gcm Iz(Bz) : 45.1 G cm I1 : -0.8765 A

V Sextupole : 286.6 G/cm Ix(coil) : -25.9 G cm I2 : -4.4453 A

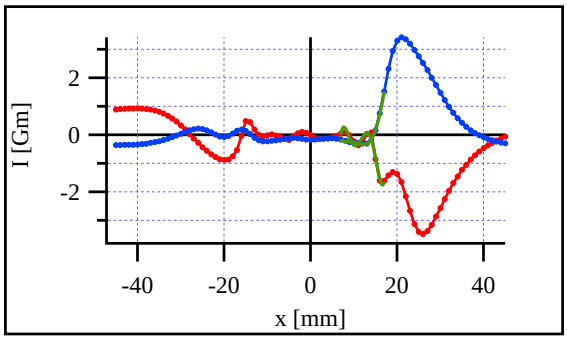
Ix(BxC) : -26.0 Gcm Ix(Bx) : 80.2 G cm

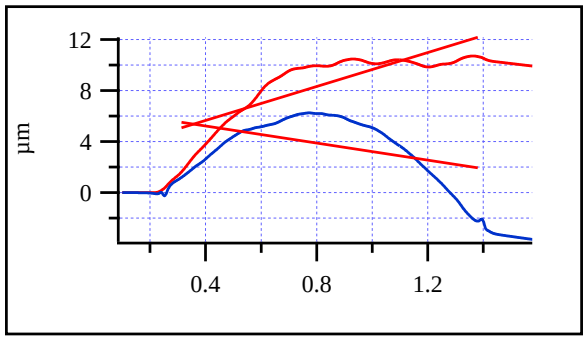
H Dipole : -8.8 G cm IIx(sBx) : 1.1869 G m^2 I3 : 4.8958 A

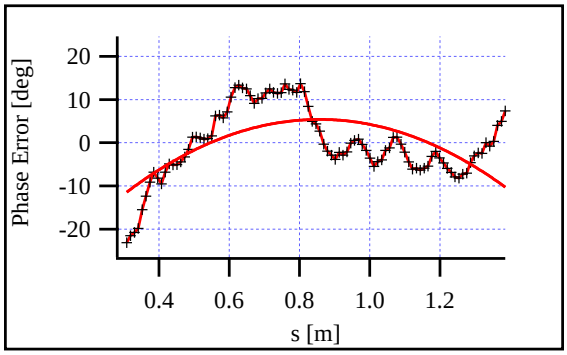
H Quadrupole : 235.7 G IIz(sBz): -0.1357 G m^2 I4 : 3.4828 A

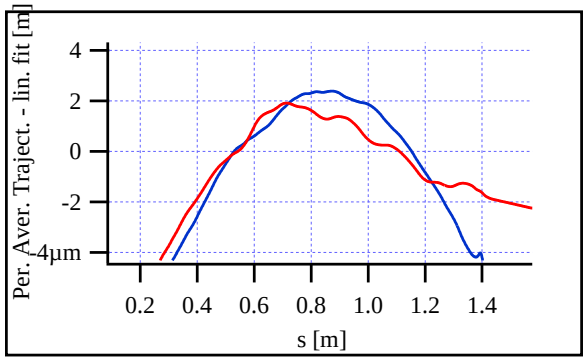
H Sextupole : -459.1 G/cm BzTrj RMS dev. : 2.0 um

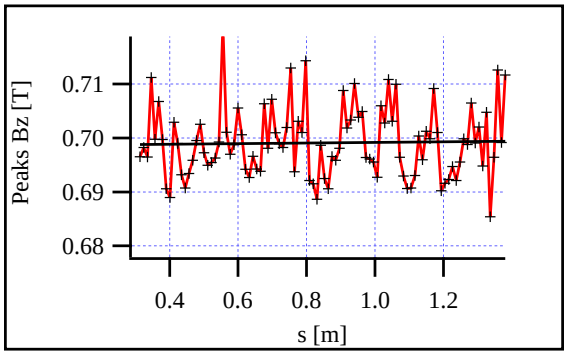
BxTrj RMS dev. : 1.4 um

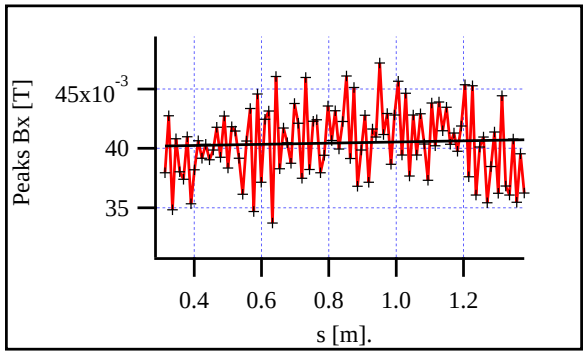












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