Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz305,Bx305,Izmes65,Ixmes65

Gap [mm] : 200

Phase [mm] : 8 Hall Z [mm] : 1 Peak Field Bx: 0.01120 T RMS Phase Error : 17.51 deg

Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 24.7 % Fund. En. (B2E) : 3241.9 eV = 0.4 nm

Peak Field Bz: 0.27517 T Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.05 mm Delta Bz/Bz : 1.7 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : 2.483 G/m Bz Taper : 28.091 G/m

Krms : 0.400

V Dipole : -29.8 G cm Iz(coil) : -29.8 G cm Pred. C.C. currents

V Quadrupole : -51.4 G Iz(BzC): -29.8 Gcm Iz(Bz) : 1.3 G cm I1 : 0.3187 A

V Sextupole : 494.3 G/cm Ix(coil) : -54.6 G cm I2 : -3.9552 A

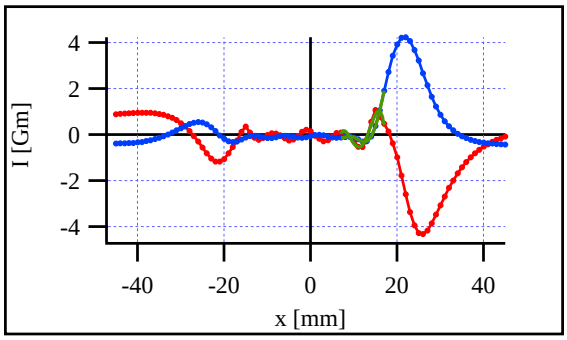
Ix(BxC) : -54.6 Gcm Ix(Bx) : 483.4 G cm

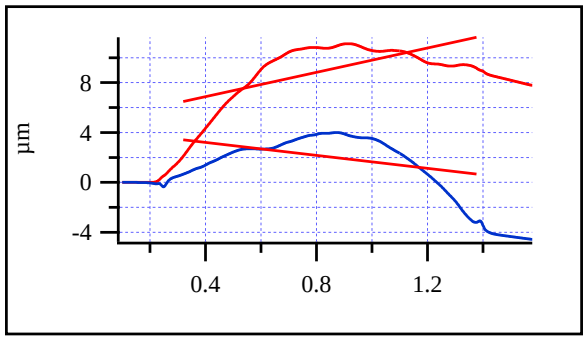
H Dipole : -43.8 G cm IIx(sBx) : 1.1876 G m^2 I3 : 5.3135 A

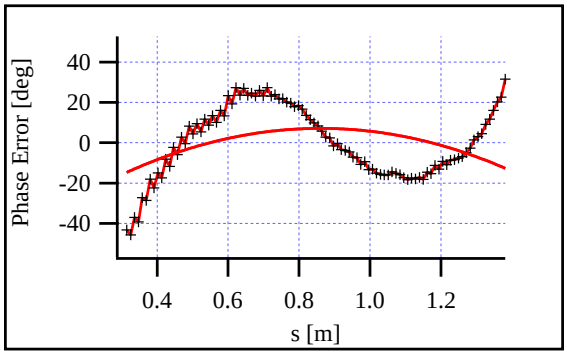
H Quadrupole : 235.7 G IIz(sBz): -0.2341 G m^2 I4 : 4.7581 A

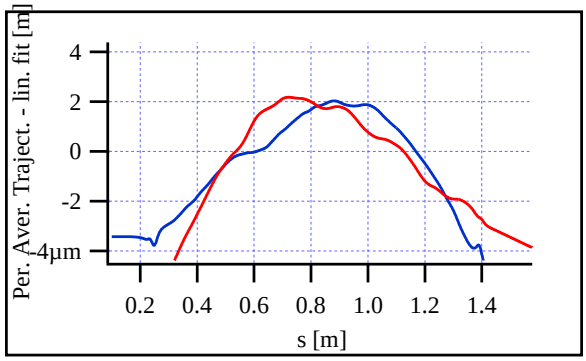
H Sextupole : 1290.9 G/cm BzTrj RMS dev. : 1.6 um

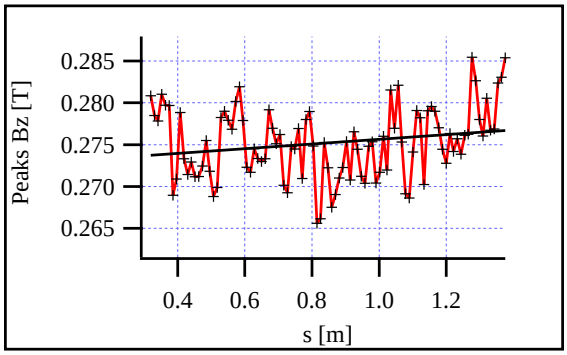
BxTrj RMS dev. : 1.7 um

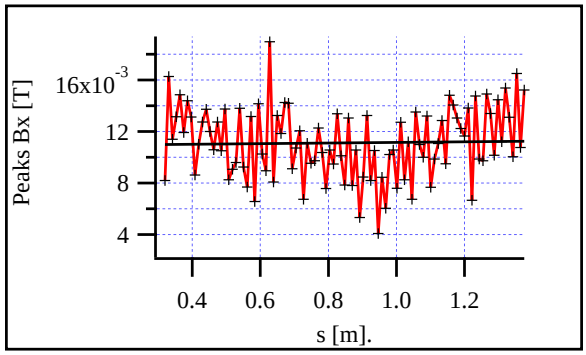












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