Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz303,Bx303,Izmes63,Ixmes63

Gap [mm] : 200

Phase [mm] : 7 Hall Z [mm] : 1 Peak Field Bx: 0.00587 T RMS Phase Error : 16.64 deg

Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 43.6 % Fund. En. (B2E) : 2989.3 eV = 0.4 nm

Peak Field Bz: 0.35234 T Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.04 mm Delta Bz/Bz : 1.5 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : 1.140 G/m Bz Taper : 23.969 G/m

Krms : 0.512

V Dipole : -30.0 G cm Iz(coil) : -29.4 G cm Pred. C.C. currents

V Quadrupole : -49.8 G Iz(BzC): -29.5 Gcm Iz(Bz) : 8.7 G cm I1 : 0.0617 A

V Sextupole : 502.9 G/cm Ix(coil) : -53.3 G cm I2 : -3.7851 A

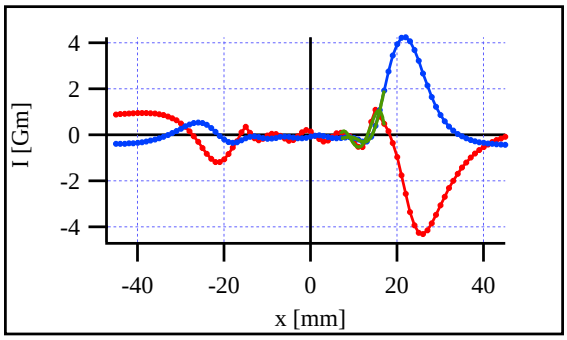
Ix(BxC) : -53.4 Gcm Ix(Bx) : 586.9 G cm

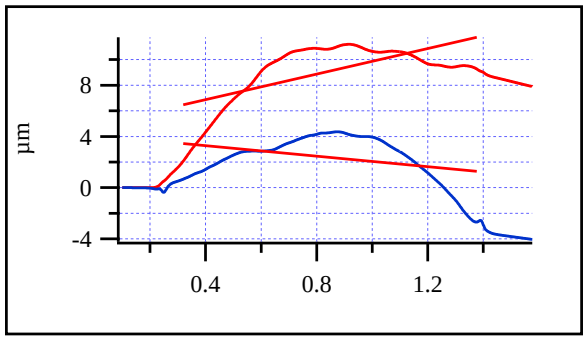
H Dipole : -42.6 G cm IIx(sBx) : 1.1898 G m^2 I3 : 5.4698 A

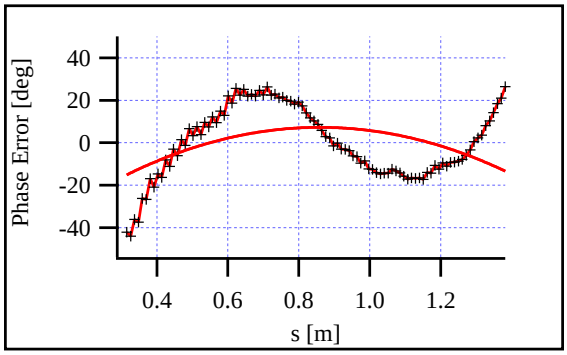
H Quadrupole : 238.1 G IIz(sBz): -0.1837 G m^2 I4 : 4.5408 A

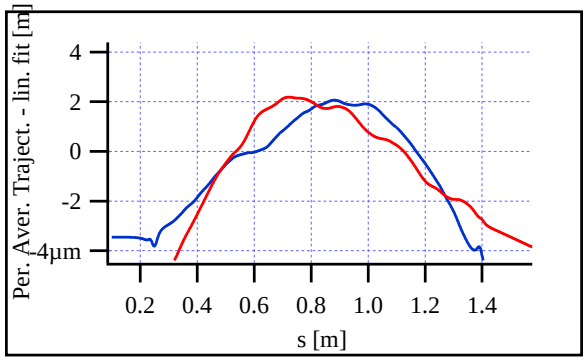
H Sextupole : 1290.4 G/cm BzTrj RMS dev. : 1.7 um

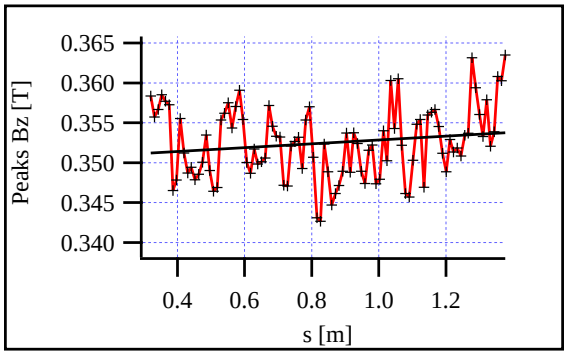
BxTrj RMS dev. : 1.7 um

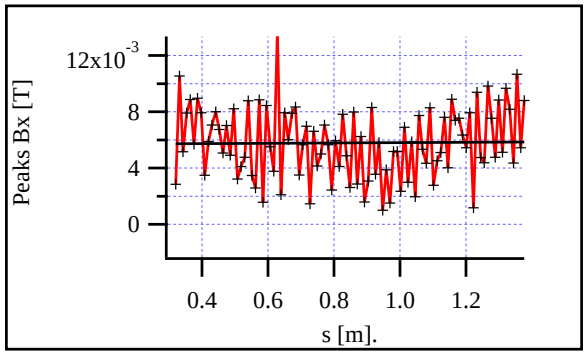












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