Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz259,Bx259,Izmes67,Ixmes67

Gap [mm] : 200

Phase [mm] : 9 Hall Z [mm] : 1 Peak Field Bx: 0.01416 T RMS Phase Error : 2.63 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 5.7 % Fund. En. (B2E) : 3513.7 eV = 0.4 nm

Peak Field Bz: 0.22230 T Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.06 mm Delta Bz/Bz : 2.0 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : -3.576 G/m Bz Taper : 11.888 G/m

Krms : 0.324

V Dipole : -6.3 G cm Iz(coil) : -6.2 G cm Pred. C.C. currents

V Quadrupole : 49.8 G Iz(BzC): -6.2 Gcm Iz(Bz) : 20.2 G cm I1 : 0.0156 A

V Sextupole : -29.2 G/cm Ix(coil) : 13.0 G cm I2 : -1.2938 A

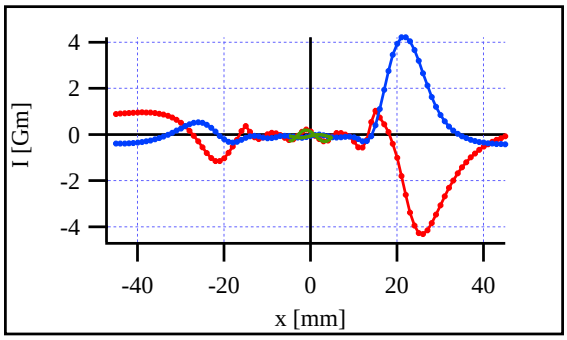
Ix(BxC) : 13.0 Gcm Ix(Bx) : 543.7 G cm

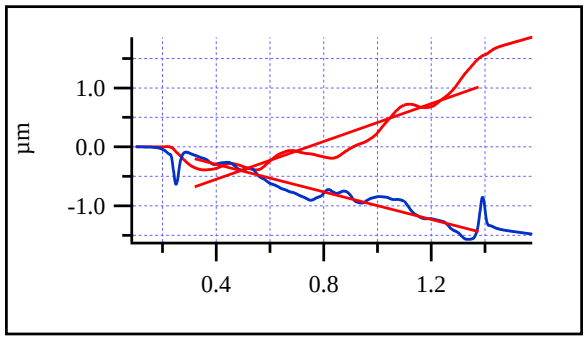
H Dipole : 11.8 G cm IIx(sBx) : 0.0891 G m^2 I3 : -0.2753 A

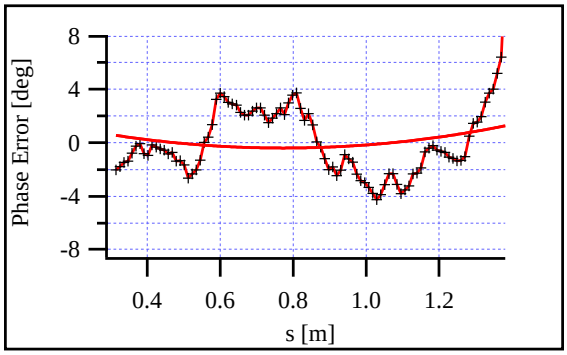
H Quadrupole : -124.8 G IIz(sBz): -0.1014 G m^2 I4 : 0.0258 A

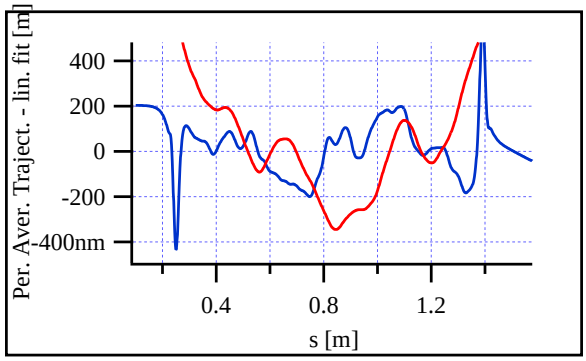
H Sextupole : -435.6 G/cm BzTrj RMS dev. : 0.1 um

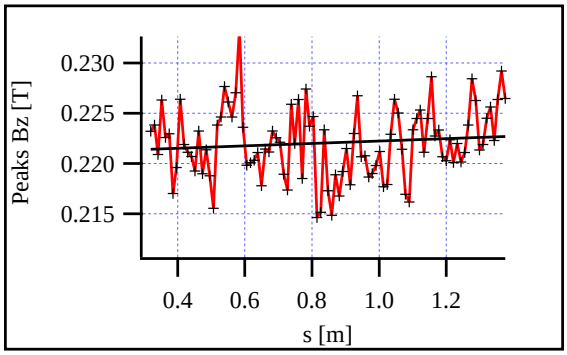
BxTrj RMS dev. : 0.2 um

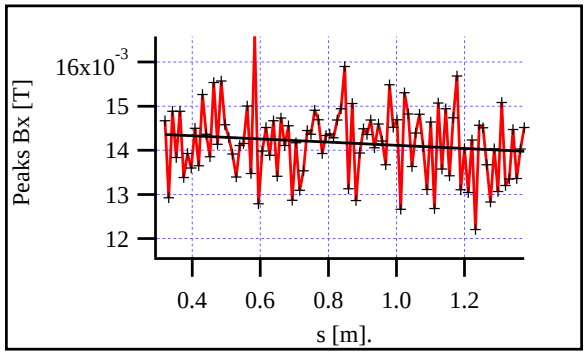












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