Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz161,Bx161,Izmes41,Ixmes41

Gap [mm] : 200

Phase [mm] : 8 Hall Z [mm] : 0 Peak Field Bx: 0.01915 T RMS Phase Error : 2.02 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 6.2 % Fund. En. (B2E) : 3085.3 eV = 0.4 nm

Peak Field Bz: 0.35139 T Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.04 mm Delta Bz/Bz : 1.4 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -5.598 G/m Bz Taper : 3.326 G/m

Krms : 0.511

V Dipole : -9.5 G cm Iz(coil) : -9.6 G cm Pred. C.C. currents

V Quadrupole : -17.8 G Iz(BzC): -9.6 Gcm Iz(Bz) : 42.4 G cm I1 : -0.2329 A

V Sextupole : -1.6 G/cm Ix(coil) : -9.2 G cm I2 : -1.6514 A

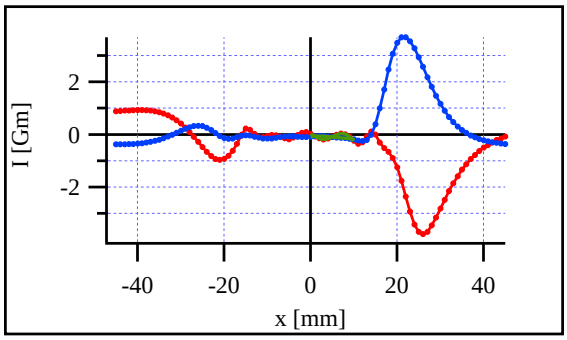
Ix(BxC) : -9.2 Gcm Ix(Bx) : 695.8 G cm

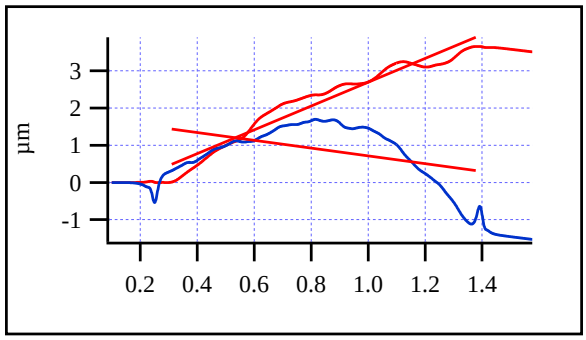
H Dipole : -8.9 G cm IIx(sBx) : 0.4205 G m^2 I3 : 1.5502 A

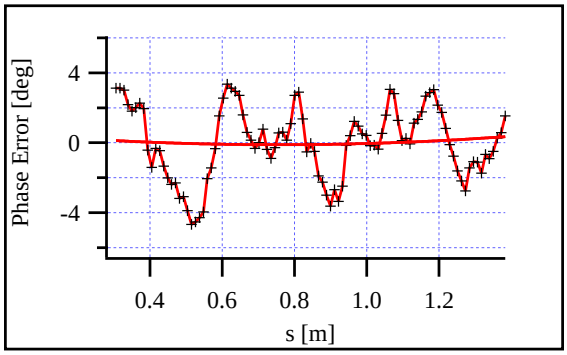
H Quadrupole : 80.2 G IIz(sBz): -0.0811 G m^2 I4 : 1.4197 A

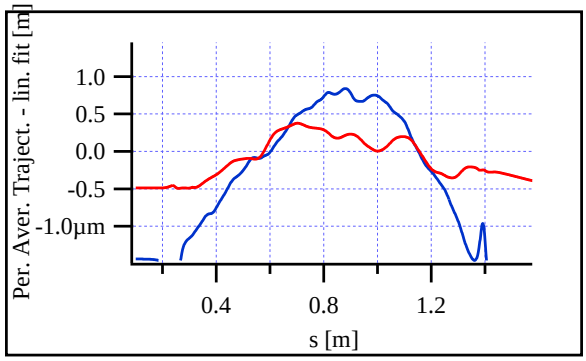
H Sextupole : 36.7 G/cm BzTrj RMS dev. : 0.7 um

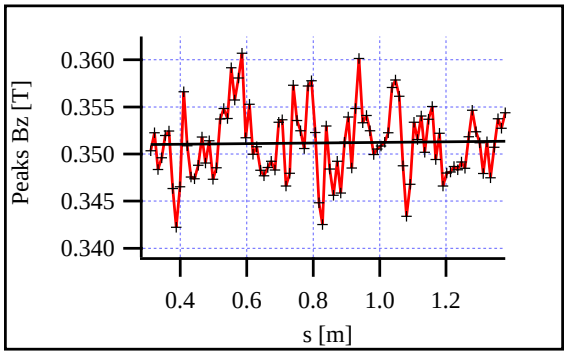
BxTrj RMS dev. : 0.2 um

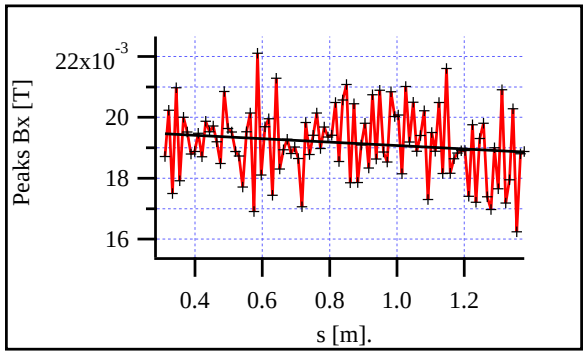












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