Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz159,Bx159,Izmes39,Ixmes39

Gap [mm] : 200

Phase [mm] : 7 Hall Z [mm] : 0 Peak Field Bx: 0.01804 T RMS Phase Error : 2.31 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 6.6 % Fund. En. (B2E) : 2791.8 eV = 0.4 nm

Peak Field Bz: 0.43052 T Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.2 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -5.487 G/m Bz Taper : -2.113 G/m

Krms : 0.626

V Dipole : -10.7 G cm Iz(coil) : -10.9 G cm Pred. C.C. currents

V Quadrupole : -17.8 G Iz(BzC): -10.9 Gcm Iz(Bz) : 49.3 G cm I1 : -0.3119 A

V Sextupole : 2.0 G/cm Ix(coil) : -7.0 G cm I2 : -1.6632 A

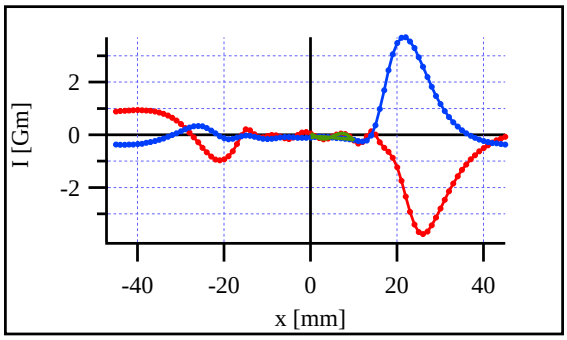
Ix(BxC) : -7.0 Gcm Ix(Bx) : 812.4 G cm

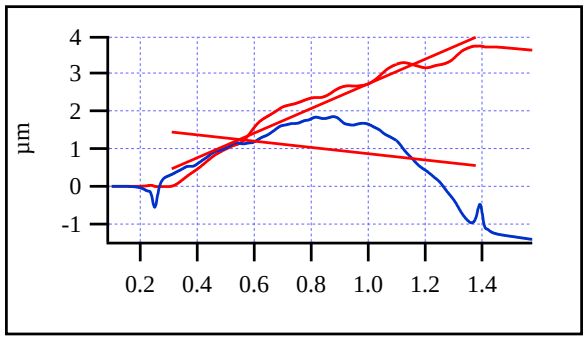
H Dipole : -6.9 G cm IIx(sBx) : 0.4139 G m^2 I3 : 1.6089 A

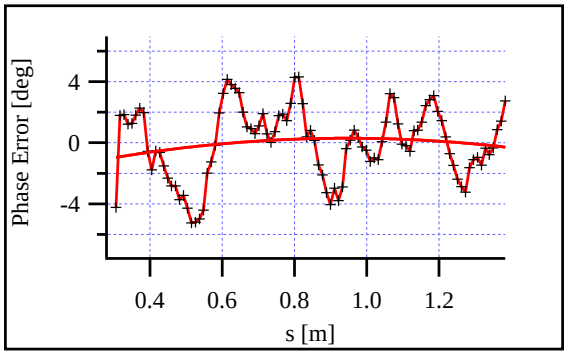
H Quadrupole : 78.8 G IIz(sBz): -0.0589 G m^2 I4 : 1.1932 A

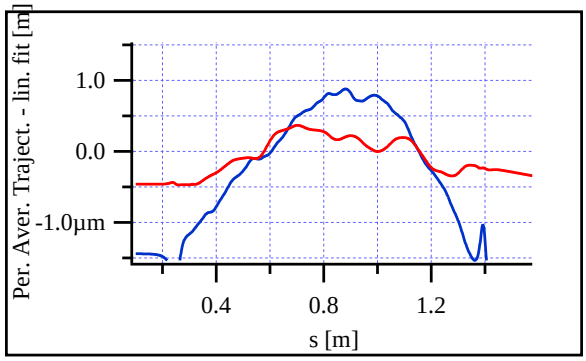
H Sextupole : 36.0 G/cm BzTrj RMS dev. : 0.7 um

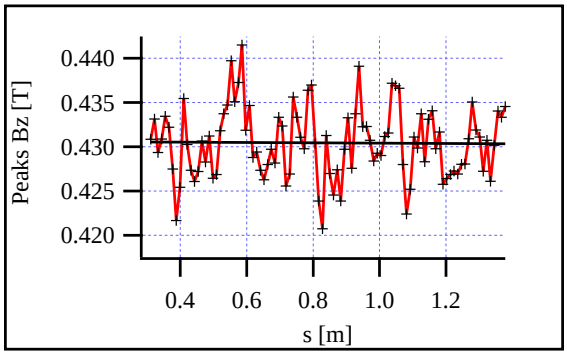
BxTrj RMS dev. : 0.2 um

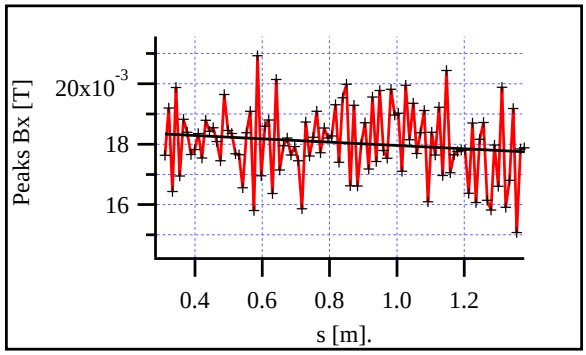












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