Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz279,Bx279,Izmes63,Ixmes63

Gap [mm] : 200

Phase [mm] : 7 Hall Z [mm] : 1 Peak Field Bx: 0.01265 T RMS Phase Error : 4.04 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 9.4 % Fund. En. (B2E) : 2887.6 eV = 0.4 nm

Peak Field Bz: 0.40489 T Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.3 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : -4.757 G/m Bz Taper : 6.402 G/m

Krms : 0.589

V Dipole : -13.1 G cm Iz(coil) : -13.4 G cm Pred. C.C. currents

V Quadrupole : -32.1 G Iz(BzC): -13.4 Gcm Iz(Bz) : 47.6 G cm I1 : 0.1921 A

V Sextupole : 101.3 G/cm Ix(coil) : -8.0 G cm I2 : -1.9226 A

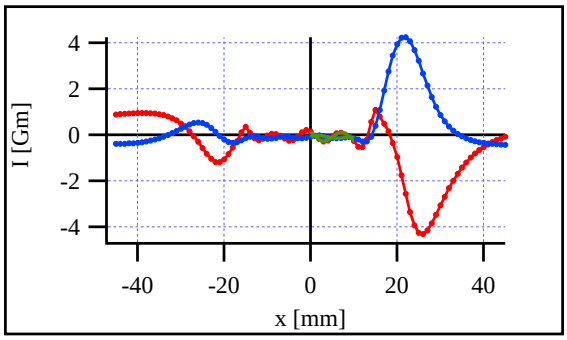
Ix(BxC) : -8.0 Gcm Ix(Bx) : 810.7 G cm

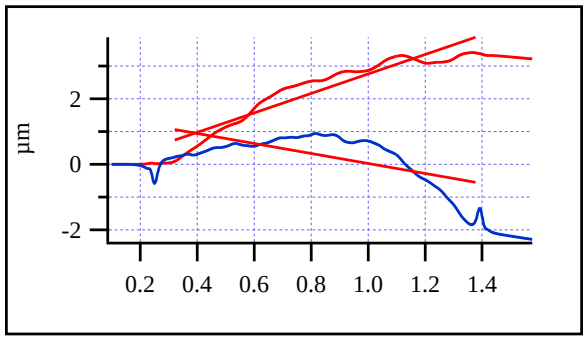
H Dipole : -9.6 G cm IIx(sBx) : 0.3817 G m^2 I3 : 1.3695 A

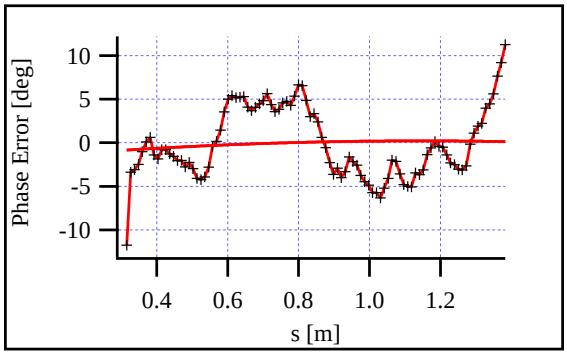
H Quadrupole : 141.4 G IIz(sBz): -0.1291 G m^2 I4 : 1.3063 A

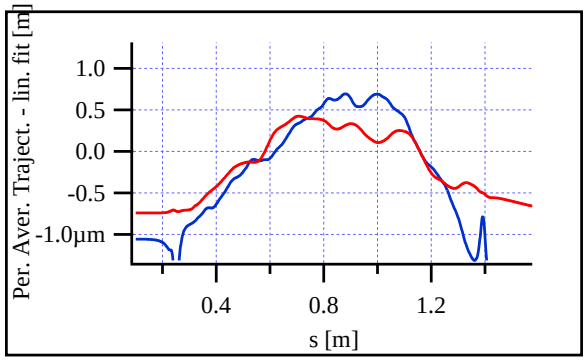
H Sextupole : 28.0 G/cm BzTrj RMS dev. : 0.6 um

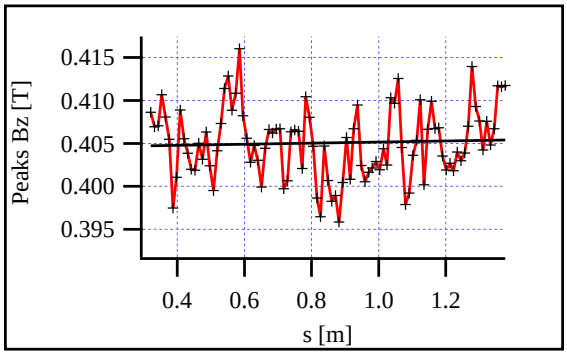
BxTrj RMS dev. : 0.3 um

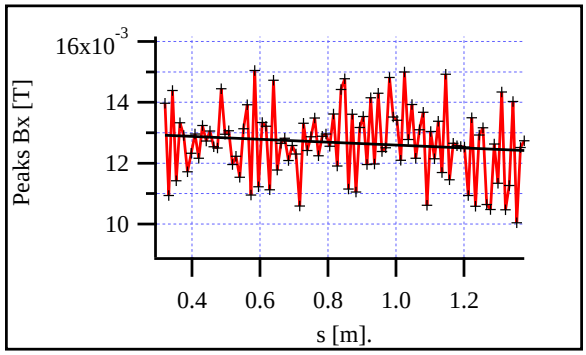












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