Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz135,Bx135,Izmes15,Ixmes15

Gap [mm] : 200

Phase [mm] : 7 Hall Z [mm] : -1 Peak Field Bx: 0.02119 T RMS Phase Error : 5.12 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 6.0 % Fund. En. (B2E) : 2364.3 eV = 0.5 nm

Peak Field Bz: 0.55309 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.04 mm Delta Bz/Bz : 1.2 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -5.346 G/m Bz Taper : -7.463 G/m

Krms : 0.804

V Dipole : -8.2 G cm Iz(coil) : -8.3 G cm Pred. C.C. currents

V Quadrupole : -8.2 G Iz(BzC): -8.3 Gcm Iz(Bz) : 67.4 G cm I1 : -0.8159 A

V Sextupole : -77.7 G/cm Ix(coil) : -8.8 G cm I2 : -1.0083 A

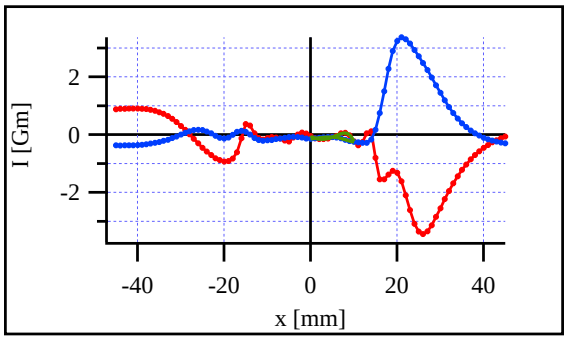
Ix(BxC) : -8.8 Gcm Ix(Bx) : 803.7 G cm

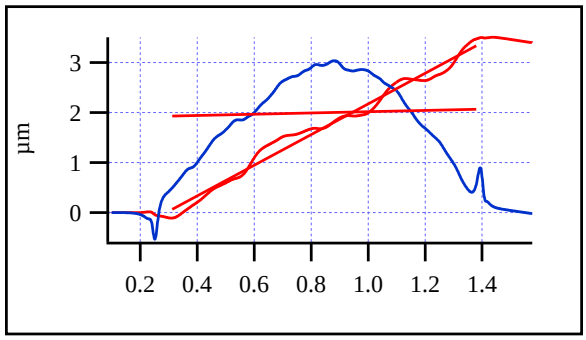
H Dipole : -9.0 G cm IIx(sBx) : 0.4055 G m^2 I3 : 2.0023 A

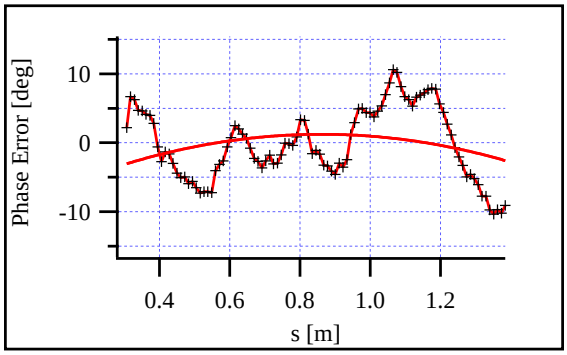
H Quadrupole : 56.2 G IIz(sBz): 0.0601 G m^2 I4 : 0.8546 A

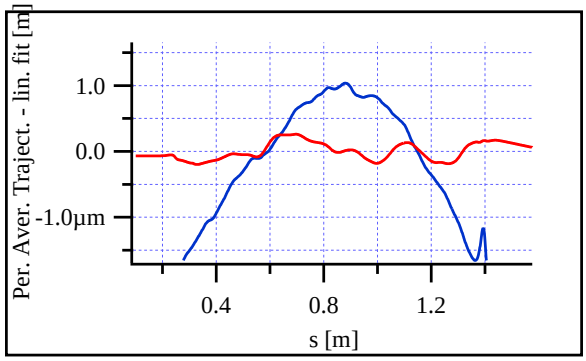
H Sextupole : 81.3 G/cm BzTrj RMS dev. : 0.8 um

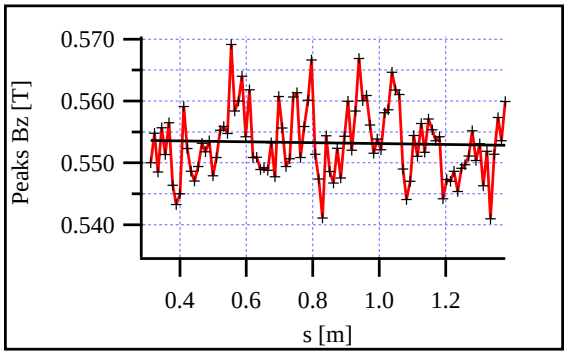
BxTrj RMS dev. : 0.1 um

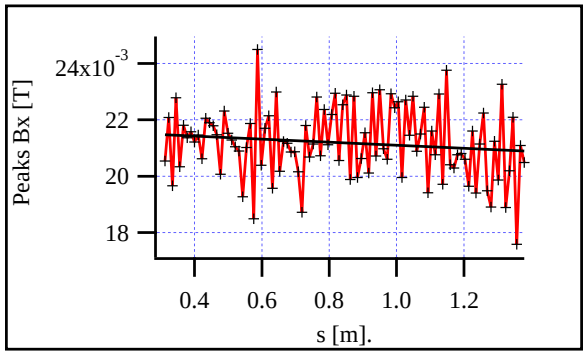












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