Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz283,Bx283,Izmes67,Ixmes67

Gap [mm] : 200

Phase [mm] : 9 Hall Z [mm] : 1 Peak Field Bx: 0.01123 T RMS Phase Error : 3.56 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 10.6 % Fund. En. (B2E) : 3510.5 eV = 0.4 nm

Peak Field Bz: 0.22136 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 : -5.258 G/m Bz Taper : 14.975 G/m

Krms : 0.322

V Dipole : -11.8 G cm Iz(coil) : -12.1 G cm Pred. C.C. currents

V Quadrupole : -30.3 G Iz(BzC): -12.1 Gcm Iz(Bz) : 16.7 G cm I1 : 0.2284 A

V Sextupole : 102.9 G/cm Ix(coil) : -9.1 G cm I2 : -1.8882 A

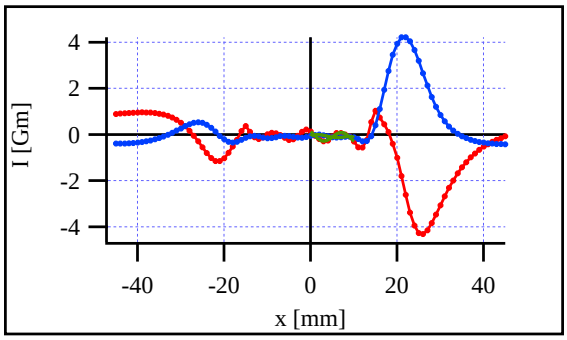
Ix(BxC) : -9.2 Gcm Ix(Bx) : 507.8 G cm

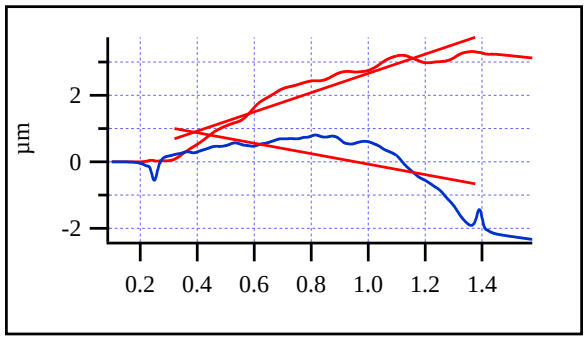
H Dipole : -10.9 G cm IIx(sBx) : 0.3810 G m^2 I3 : 1.2954 A

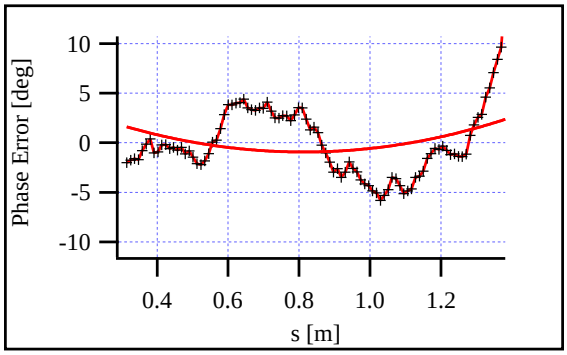
H Quadrupole : 138.9 G IIz(sBz): -0.1425 G m^2 I4 : 1.4424 A

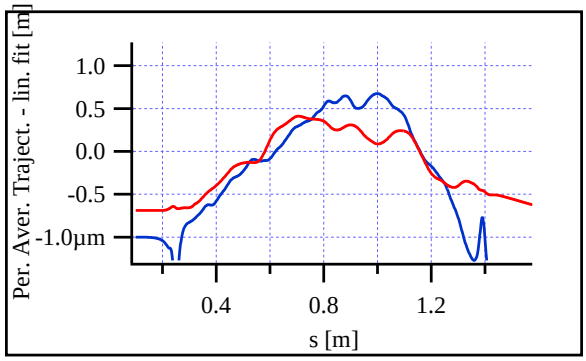
H Sextupole : 23.1 G/cm BzTrj RMS dev. : 0.5 um

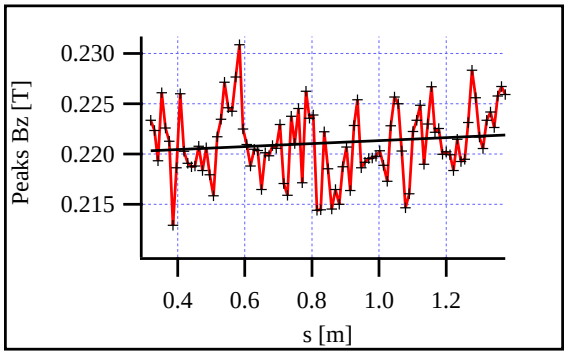
BxTrj RMS dev. : 0.3 um

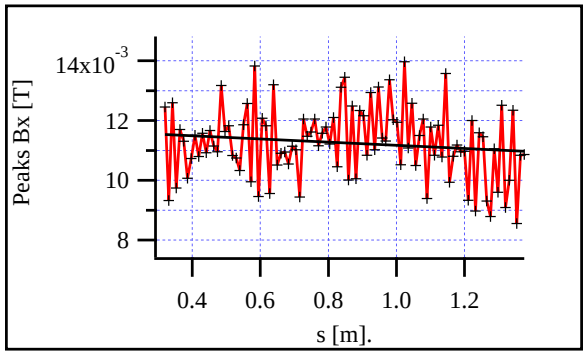












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