Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz223,Bx223,Izmes55,Ixmes55

Gap [mm] : 200

Phase [mm] : 3 Hall Z [mm] : 1 Peak Field Bx: 0.01172 T RMS Phase Error : 3.77 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 8.2 % Fund. En. (B2E) : 2058.7 eV = 0.6 nm

Peak Field Bz: 0.64680 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.3 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : 0.522 G/m Bz Taper : -9.115 G/m

Krms : 0.940

V Dipole : -12.2 G cm Iz(coil) : -11.7 G cm Pred. C.C. currents

V Quadrupole : -28.2 G Iz(BzC): -11.7 Gcm Iz(Bz) : 63.8 G cm I1 : 1.3909 A

V Sextupole : -85.0 G/cm Ix(coil) : -25.0 G cm I2 : -0.3523 A

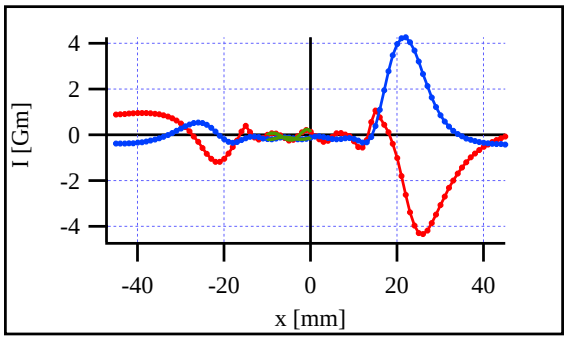
Ix(BxC) : -25.0 Gcm Ix(Bx) : 551.1 G cm

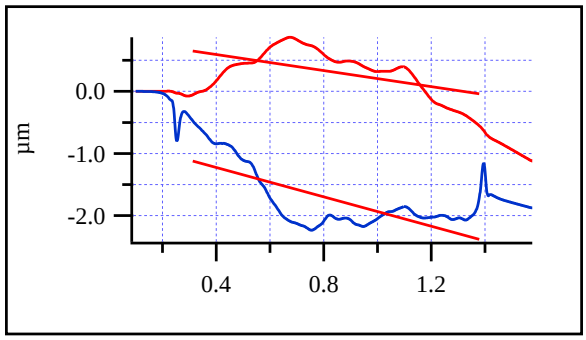
H Dipole : -22.4 G cm IIx(sBx) : 0.0753 G m^2 I3 : 1.0326 A

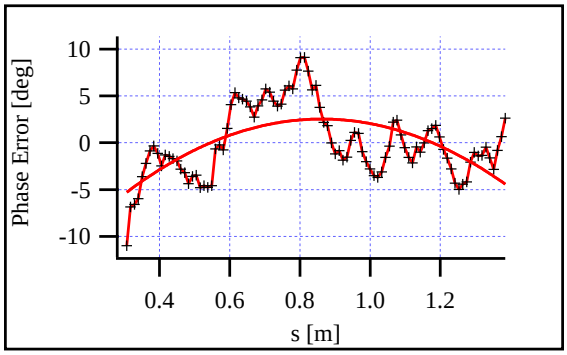
H Quadrupole : -30.7 G IIz(sBz): -0.0998 G m^2 I4 : 0.8755 A

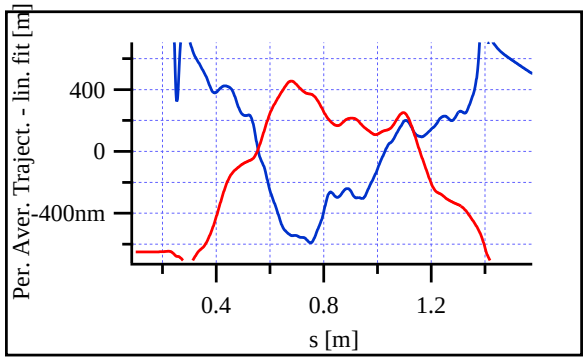
H Sextupole : 459.0 G/cm BzTrj RMS dev. : 0.3 um

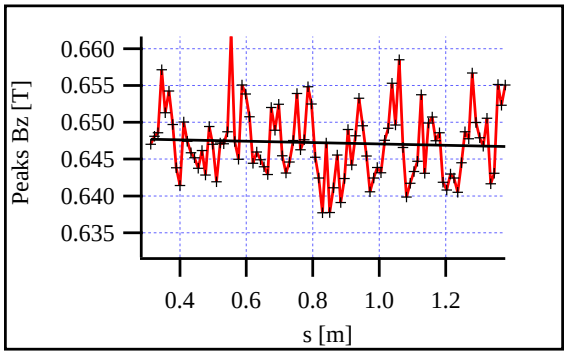
BxTrj RMS dev. : 0.3 um

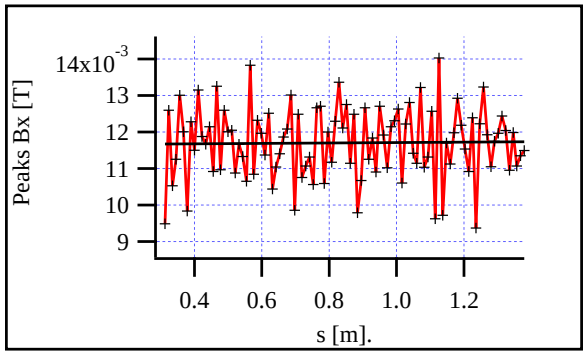












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