Kyma Analysis Report

Name : 1991b Date : 24. feb 2020 Temperature : 23.0

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz323,Bx323,Izmes21,Ixmes21

Gap [mm] : 200

Phase [mm] : 5 Hall Z [mm] : -1 Peak Field Bx: 0.06240 T RMS Phase Error : 6.13 deg

Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 3.2 % Fund. En. (B2E) : 2506.4 eV = 0.5 nm

Peak Field Bz: 0.50087 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 : 8.724 G/m Bz Taper : -12.415 G/m

Krms : 0.733

V Dipole : 2.8 G cm Iz(coil) : 0.6 G cm Pred. C.C. currents

V Quadrupole : 212.0 G Iz(BzC): 0.6 Gcm Iz(Bz) : -4.0 G cm I1 : -1.8089 A

V Sextupole : 520.9 G/cm Ix(coil) : 21.4 G cm I2 : -1.7342 A

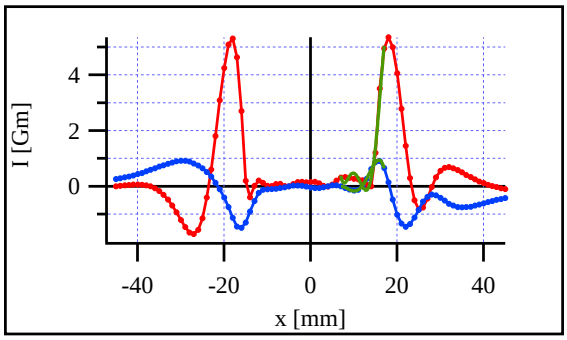
Ix(BxC) : 21.4 Gcm Ix(Bx) : 709.0 G cm

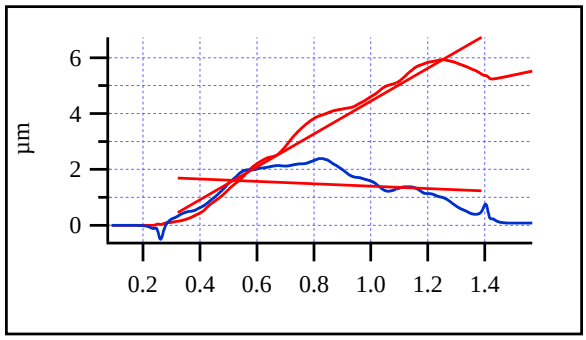
H Dipole : -2.2 G cm IIx(sBx) : 0.3951 G m^2 I3 : 0.4967 A

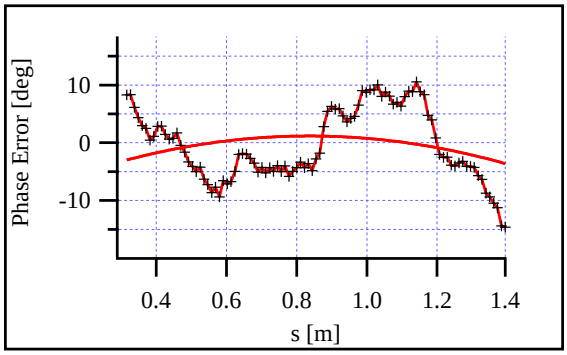
H Quadrupole : -272.8 G IIz(sBz): 0.0032 G m^2 I4 : 0.5205 A

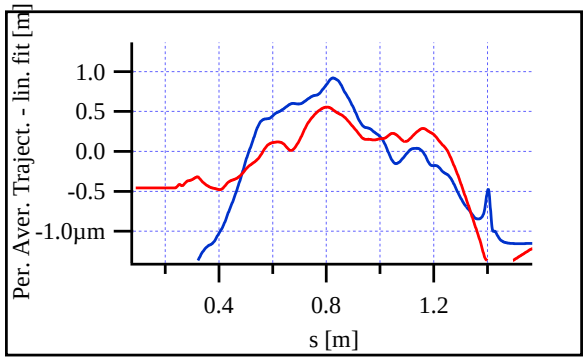
H Sextupole : 967.6 G/cm BzTrj RMS dev. : 0.6 um

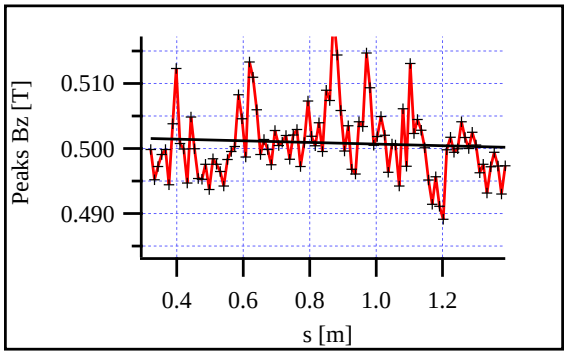
BxTrj RMS dev. : 0.4 um

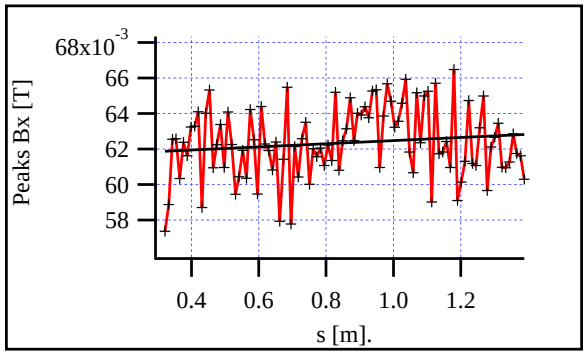












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