Kyma Analysis Report

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

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz245,Bx245,Izmes11,Ixmes11

Gap [mm] : 200

Phase [mm] : 2 Hall Z [mm] : 1 Peak Field Bx: 0.00494 T RMS Phase Error : 5.59 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 17.2 % Fund. En. (B2E) : 1940.1 eV = 0.6 nm

Peak Field Bz: 0.68757 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.3 % Peaks used : 103

e-beam energy : 3 GeV Bx Taper : 3.508 G/m Bz Taper : -18.530 G/m

Krms : 0.999

V Dipole : -5.5 G cm Iz(coil) : -5.3 G cm Pred. C.C. currents

V Quadrupole : -9.4 G Iz(BzC): -5.3 Gcm Iz(Bz) : 46.1 G cm I1 : 0.5015 A

V Sextupole : -94.5 G/cm Ix(coil) : 0.7 G cm I2 : -1.0753 A

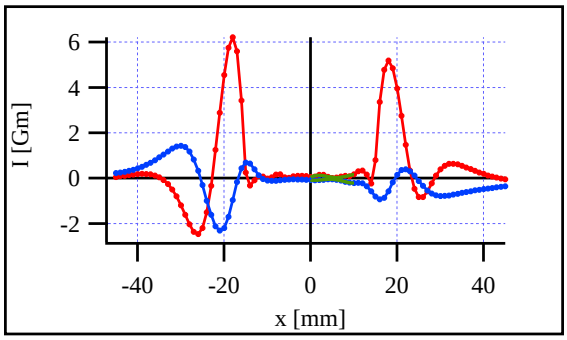
Ix(BxC) : 0.7 Gcm Ix(Bx) : 498.7 G cm

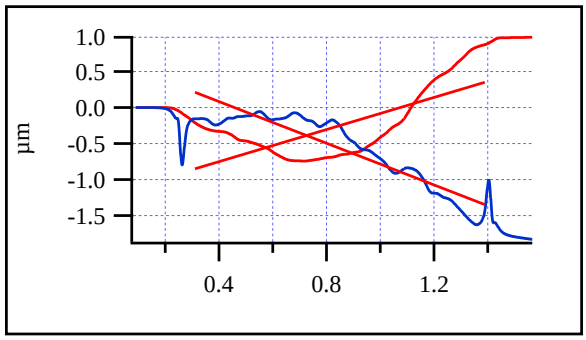
H Dipole : 4.2 G cm IIx(sBx) : 0.0925 G m^2 I3 : -0.1097 A

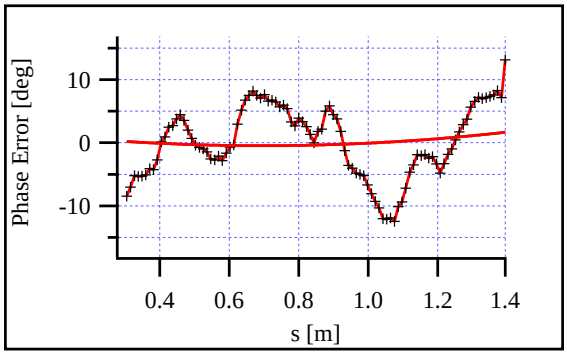
H Quadrupole : -22.4 G IIz(sBz): -0.1442 G m^2 I4 : 0.6036 A

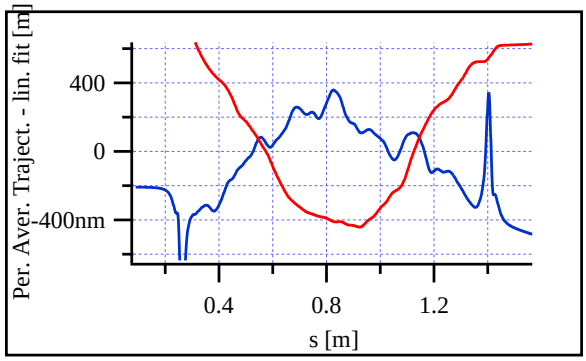
H Sextupole : 89.0 G/cm BzTrj RMS dev. : 0.2 um

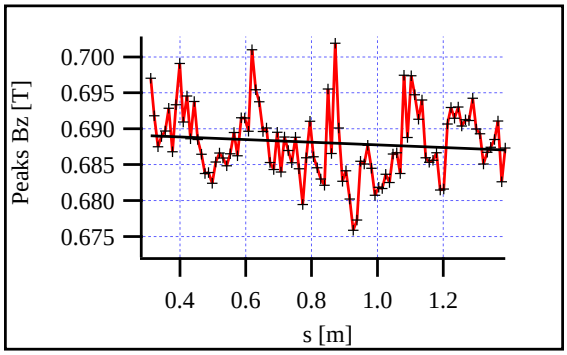
BxTrj RMS dev. : 0.3 um

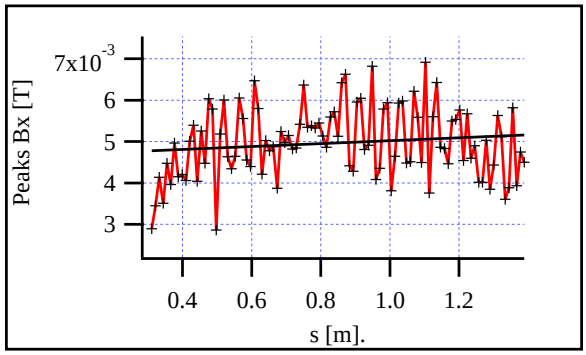












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