Kyma Analysis Report

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

Filename : 1991b-TPF-UFCM_20200224

Waves analysed : Bz377,Bx377,Izmes34,Ixmes34

Gap [mm] : 200

Phase [mm] : 8 Hall Z [mm] : 0 Peak Field Bx: 0.00731 T RMS Phase Error : 2.53 deg

Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 45.0 % Fund. En. (B2E) : 3403.8 eV = 0.4 nm

Peak Field Bz: 0.23419 T Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.06 mm Delta Bz/Bz : 1.8 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : 1.991 G/m Bz Taper : 12.555 G/m

Krms : 0.340

V Dipole : -8.8 G cm Iz(coil) : -8.7 G cm Pred. C.C. currents

V Quadrupole : 9.4 G Iz(BzC): -8.7 Gcm Iz(Bz) : -0.6 G cm I1 : 0.5431 A

V Sextupole : -166.2 G/cm Ix(coil) : 7.8 G cm I2 : -0.0267 A

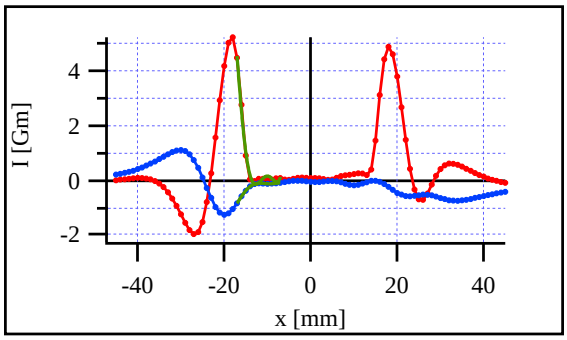
Ix(BxC) : 7.8 Gcm Ix(Bx) : 488.4 G cm

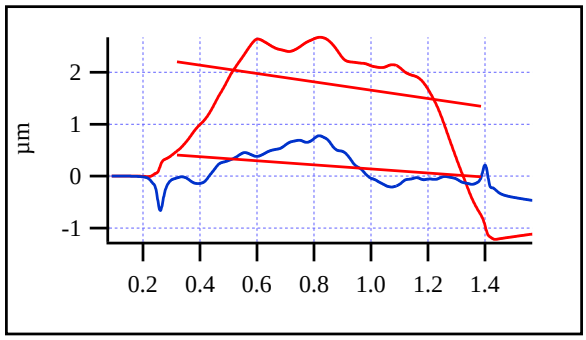
H Dipole : -7.0 G cm IIx(sBx) : -0.1692 G m^2 I3 : -0.3001 A

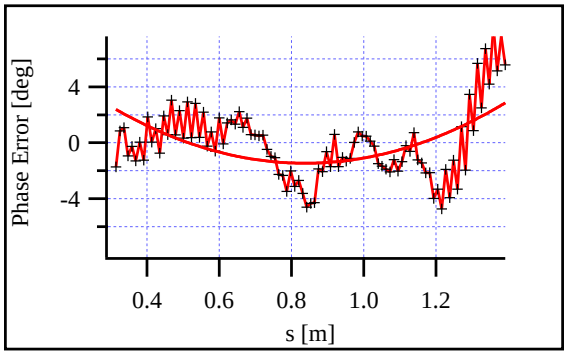
H Quadrupole : 140.5 G IIz(sBz): 0.0168 G m^2 I4 : -1.1370 A

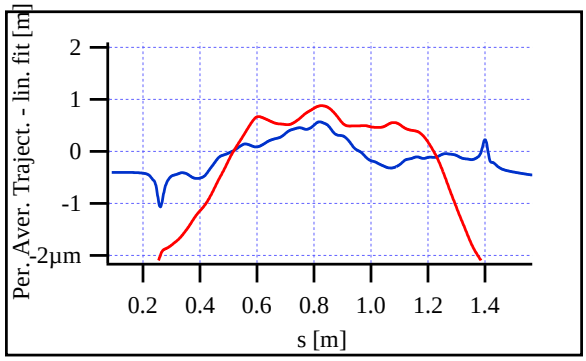
H Sextupole : 592.0 G/cm BzTrj RMS dev. : 0.3 um

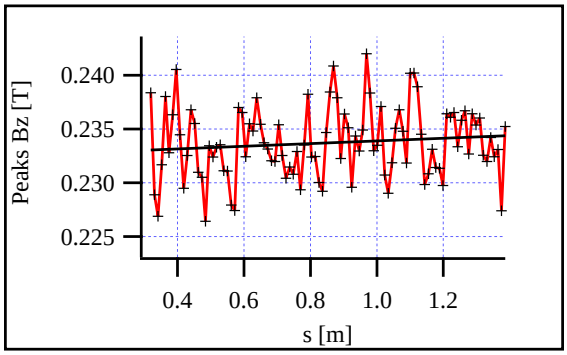
BxTrj RMS dev. : 0.8 um

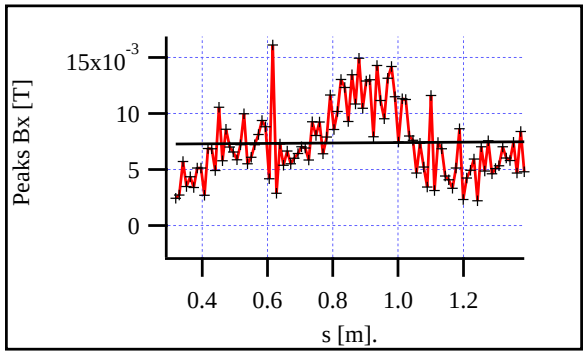












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