Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz207,Bx207,Izmes39,Ixmes39

Gap [mm] : 200

Phase [mm] : 7 Hall Z [mm] : 0 Peak Field Bx: 0.00964 T RMS Phase Error : 3.16 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 10.0 % Fund. En. (B2E) : 2802.2 eV = 0.4 nm

Peak Field Bz: 0.42772 T Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.1 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -1.774 G/m Bz Taper : -9.321 G/m

Krms : 0.622

V Dipole : -8.6 G cm Iz(coil) : -8.5 G cm Pred. C.C. currents

V Quadrupole : -5.5 G Iz(BzC): -8.5 Gcm Iz(Bz) : 63.3 G cm I1 : 1.2856 A

V Sextupole : -54.1 G/cm Ix(coil) : -16.2 G cm I2 : -0.6152 A

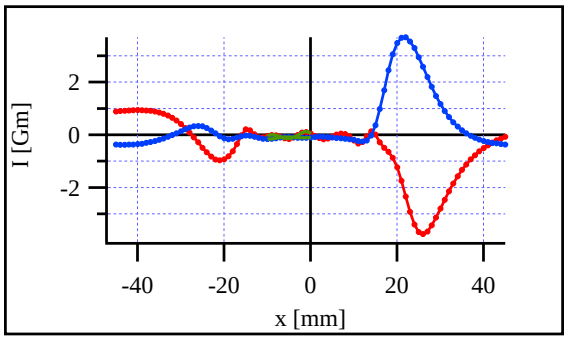
Ix(BxC) : -16.2 Gcm Ix(Bx) : 799.6 G cm

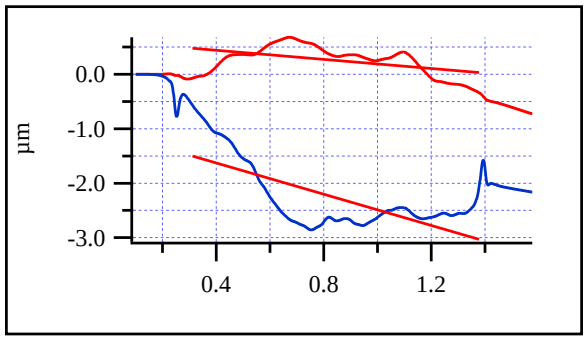
H Dipole : -14.0 G cm IIx(sBx) : 0.0488 G m^2 I3 : 0.3579 A

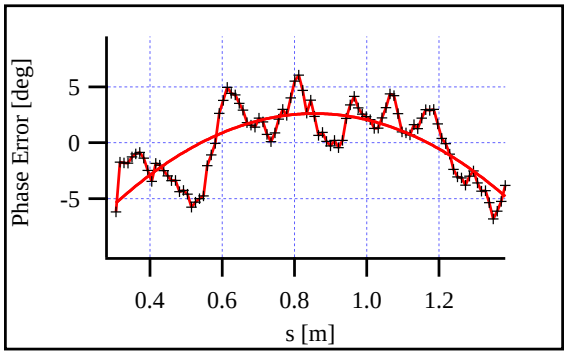
H Quadrupole : 12.6 G IIz(sBz): -0.1523 G m^2 I4 : 0.8761 A

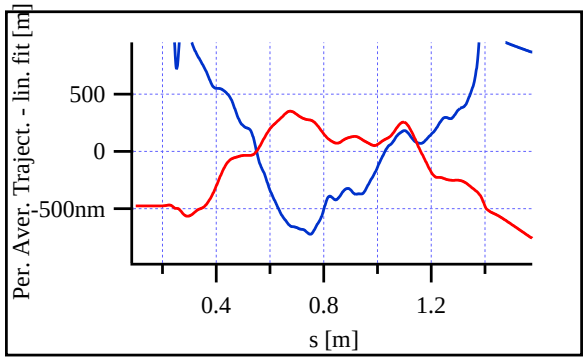
H Sextupole : 260.0 G/cm BzTrj RMS dev. : 0.4 um

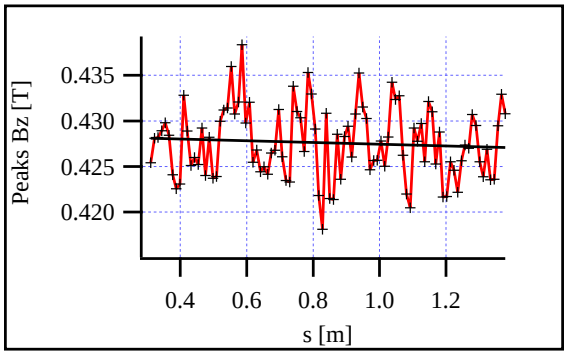
BxTrj RMS dev. : 0.2 um

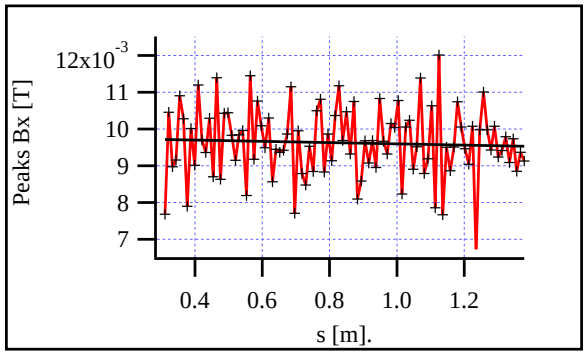












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