Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz205,Bx205,Izmes37,Ixmes37

Gap [mm] : 200

Phase [mm] : 6 Hall Z [mm] : 0 Peak Field Bx: 0.01053 T RMS Phase Error : 3.43 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 9.2 % Fund. En. (B2E) : 2533.9 eV = 0.5 nm

Peak Field Bz: 0.50109 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.0 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -1.649 G/m Bz Taper : -6.833 G/m

Krms : 0.728

V Dipole : -9.3 G cm Iz(coil) : -9.1 G cm Pred. C.C. currents

V Quadrupole : -3.0 G Iz(BzC): -9.1 Gcm Iz(Bz) : 78.4 G cm I1 : 1.5472 A

V Sextupole : -59.0 G/cm Ix(coil) : -17.3 G cm I2 : -0.7780 A

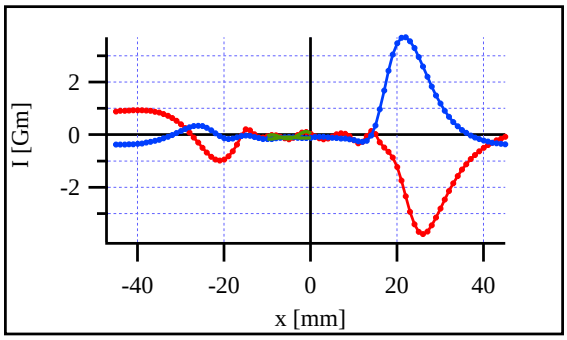
Ix(BxC) : -17.3 Gcm Ix(Bx) : 844.5 G cm

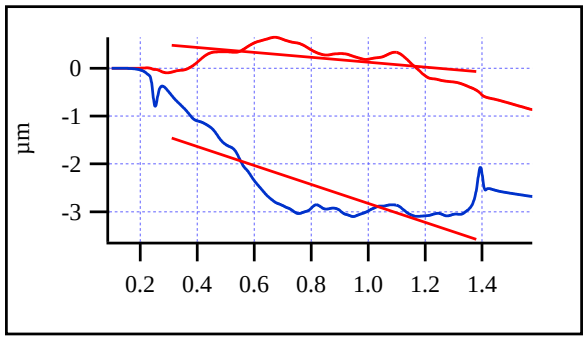
H Dipole : -15.2 G cm IIx(sBx) : 0.0432 G m^2 I3 : 0.2070 A

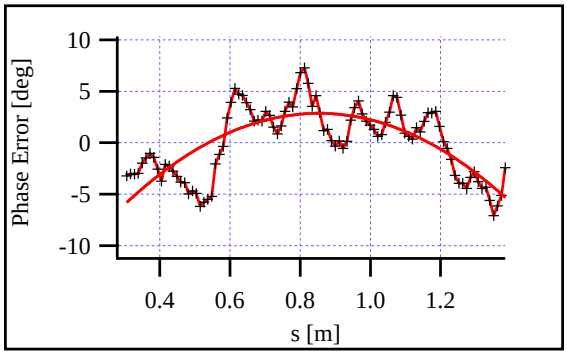
H Quadrupole : 13.7 G IIz(sBz): -0.2001 G m^2 I4 : 1.0607 A

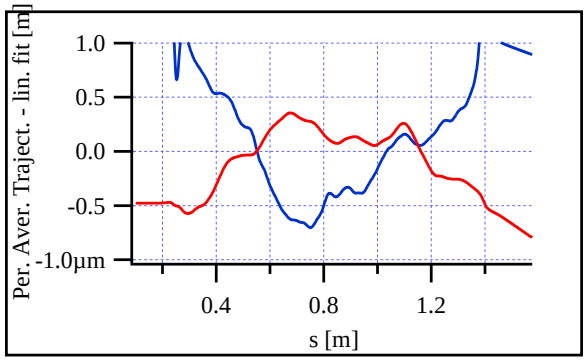
H Sextupole : 264.4 G/cm BzTrj RMS dev. : 0.4 um

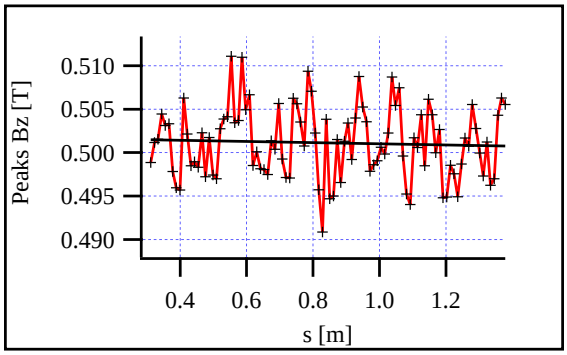
BxTrj RMS dev. : 0.2 um

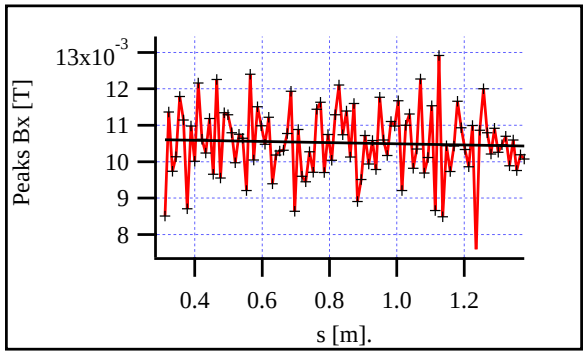












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