Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz273,Bx273,Izmes57,Ixmes57

Gap [mm] : 200

Phase [mm] : 4 Hall Z [mm] : 1 Peak Field Bx: 0.01152 T RMS Phase Error : 4.52 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 10.2 % Fund. En. (B2E) : 2186.0 eV = 0.6 nm

Peak Field Bz: 0.60497 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.2 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -3.438 G/m Bz Taper : 1.654 G/m

Krms : 0.879

V Dipole : -17.2 G cm Iz(coil) : -17.8 G cm Pred. C.C. currents

V Quadrupole : -30.4 G Iz(BzC): -17.9 Gcm Iz(Bz) : 75.7 G cm I1 : 0.1637 A

V Sextupole : 106.8 G/cm Ix(coil) : -9.2 G cm I2 : -1.7993 A

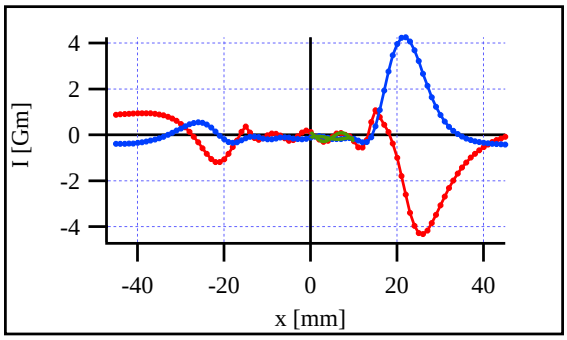
Ix(BxC) : -9.2 Gcm Ix(Bx) : 718.5 G cm

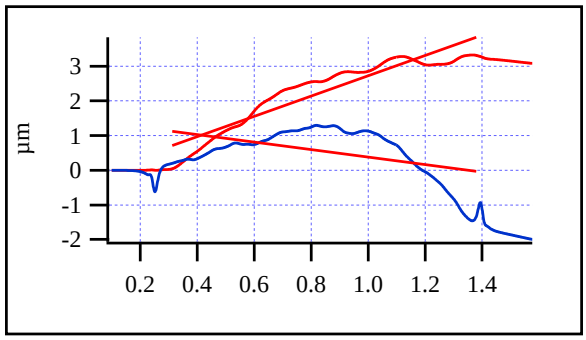
H Dipole : -10.8 G cm IIx(sBx) : 0.3772 G m^2 I3 : 1.8254 A

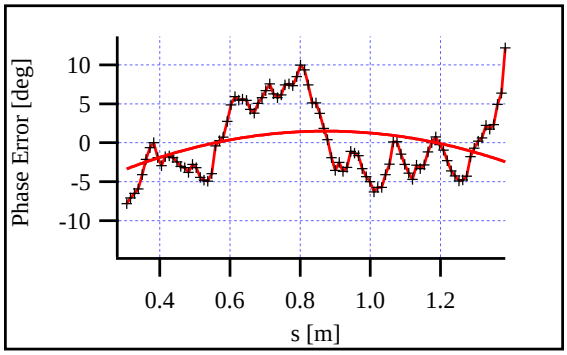
H Quadrupole : 141.8 G IIz(sBz): -0.0649 G m^2 I4 : 0.8930 A

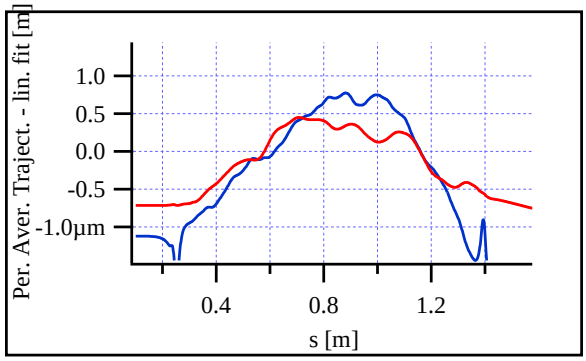
H Sextupole : 24.4 G/cm BzTrj RMS dev. : 0.6 um

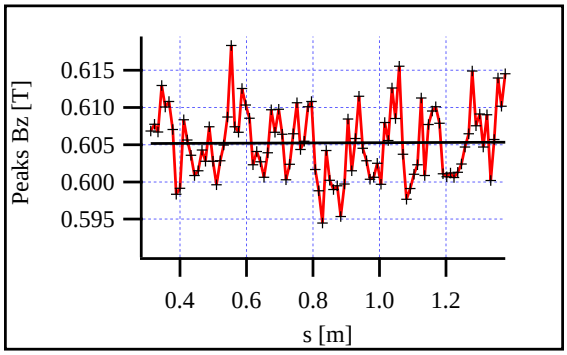
BxTrj RMS dev. : 0.3 um

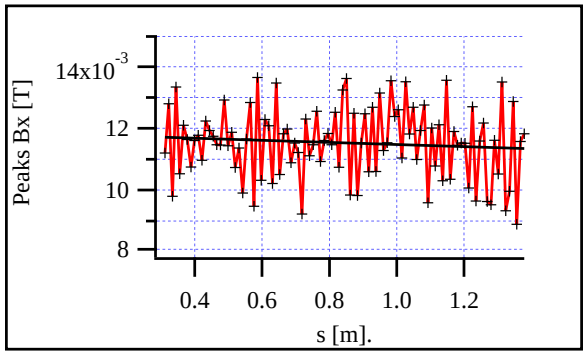












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