Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz275,Bx275,Izmes59,Ixmes59

Gap [mm] : 200

Phase [mm] : 5 Hall Z [mm] : 1 Peak Field Bx: 0.01224 T RMS Phase Error : 4.57 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 9.6 % Fund. En. (B2E) : 2367.9 eV = 0.5 nm

Peak Field Bz: 0.55138 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.3 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -4.140 G/m Bz Taper : -6.197 G/m

Krms : 0.801

V Dipole : -14.8 G cm Iz(coil) : -15.4 G cm Pred. C.C. currents

V Quadrupole : -29.5 G Iz(BzC): -15.4 Gcm Iz(Bz) : 49.4 G cm I1 : 0.2125 A

V Sextupole : 104.3 G/cm Ix(coil) : -9.8 G cm I2 : -1.8274 A

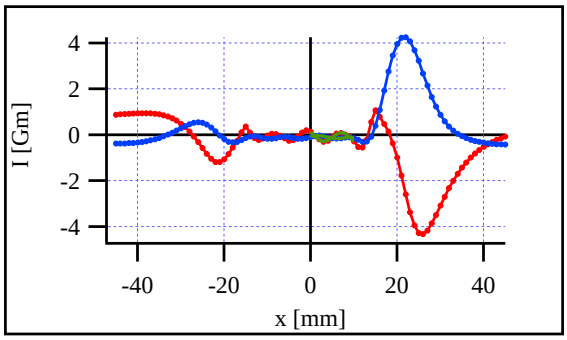
Ix(BxC) : -9.8 Gcm Ix(Bx) : 823.9 G cm

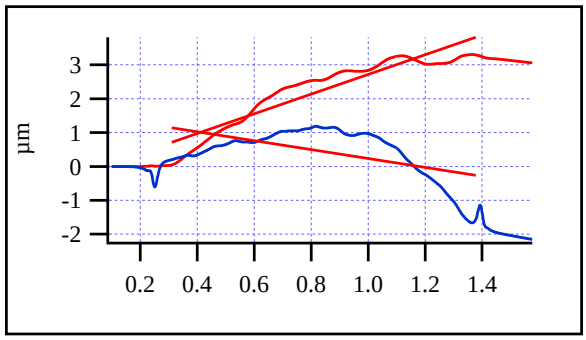
H Dipole : -11.0 G cm IIx(sBx) : 0.3797 G m^2 I3 : 1.6120 A

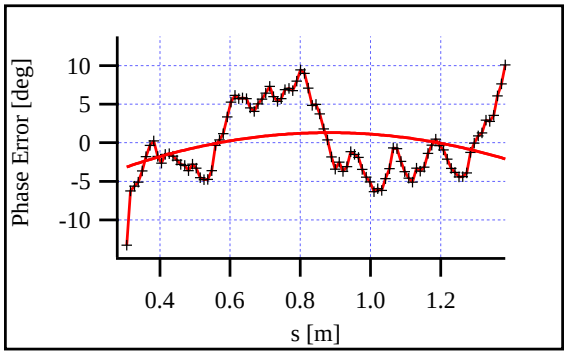
H Quadrupole : 141.7 G IIz(sBz): -0.0997 G m^2 I4 : 1.1558 A

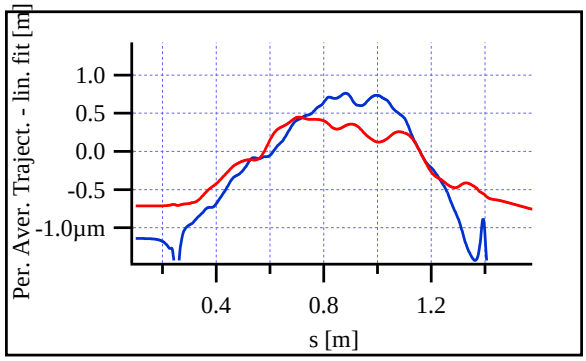
H Sextupole : 30.0 G/cm BzTrj RMS dev. : 0.6 um

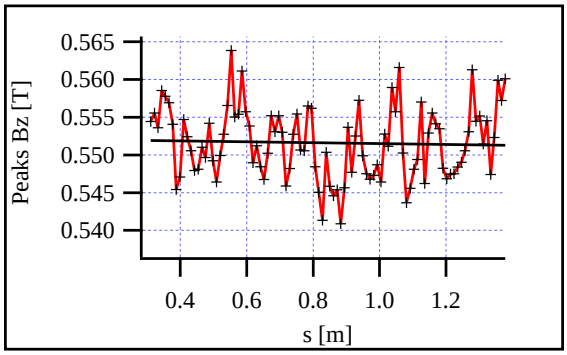
BxTrj RMS dev. : 0.3 um

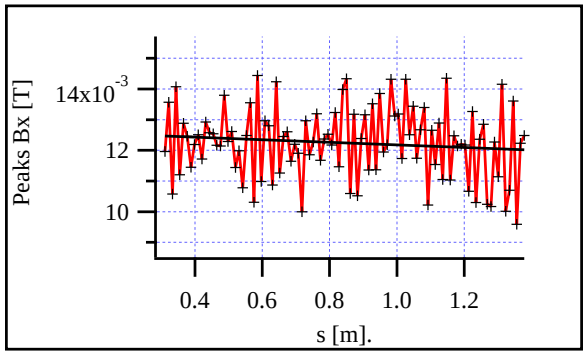












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