Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz253,Bx253,Izmes61,Ixmes61

Gap [mm] : 200

Phase [mm] : 6 Hall Z [mm] : 1 Peak Field Bx: 0.01425 T RMS Phase Error : 3.47 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 5.8 % Fund. En. (B2E) : 2597.4 eV = 0.5 nm

Peak Field Bz: 0.48295 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.1 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : -3.934 G/m Bz Taper : 3.221 G/m

Krms : 0.702

V Dipole : -9.6 G cm Iz(coil) : -9.5 G cm Pred. C.C. currents

V Quadrupole : 50.1 G Iz(BzC): -9.5 Gcm Iz(Bz) : 53.0 G cm I1 : 0.2006 A

V Sextupole : -17.8 G/cm Ix(coil) : 13.5 G cm I2 : -1.5358 A

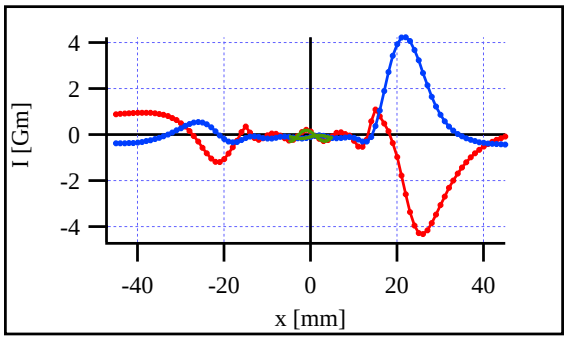
Ix(BxC) : 13.5 Gcm Ix(Bx) : 899.0 G cm

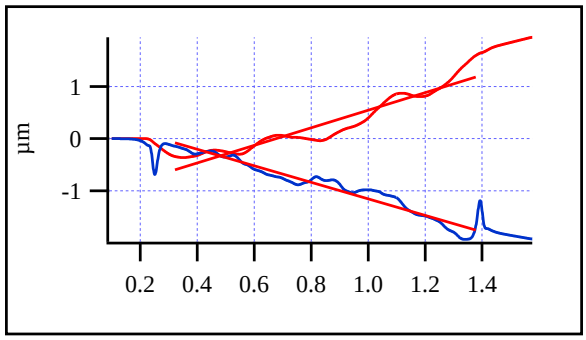
H Dipole : 12.1 G cm IIx(sBx) : 0.0933 G m^2 I3 : -0.2237 A

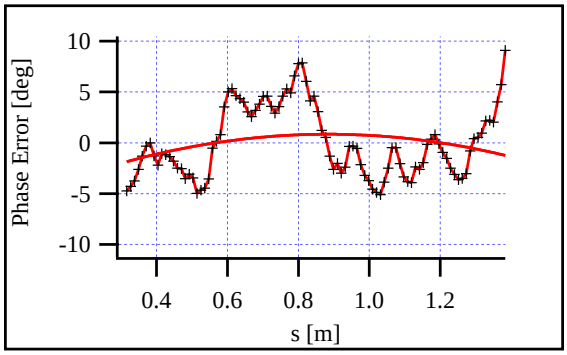
H Quadrupole : -119.2 G IIz(sBz): -0.1212 G m^2 I4 : -0.0342 A

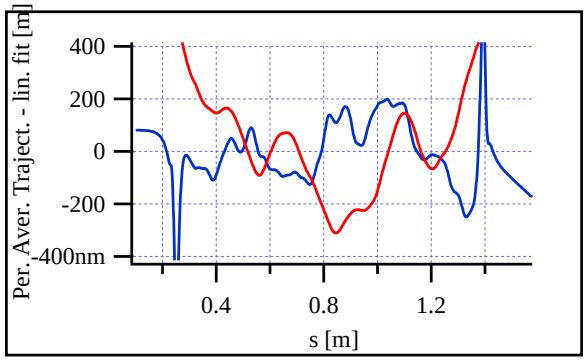
H Sextupole : -434.8 G/cm BzTrj RMS dev. : 0.1 um

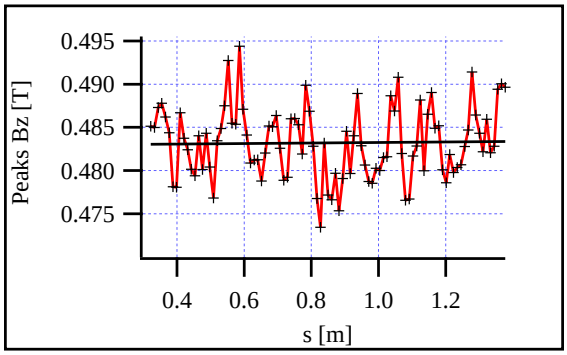
BxTrj RMS dev. : 0.2 um

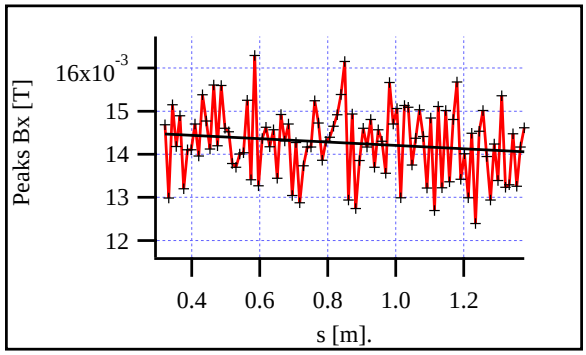












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