Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz245,Bx245,Izmes53,Ixmes53

Gap [mm] : 200

Phase [mm] : 2 Hall Z [mm] : 1 Peak Field Bx: 0.01028 T RMS Phase Error : 3.02 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 8.2 % Fund. En. (B2E) : 1957.9 eV = 0.6 nm

Peak Field Bz: 0.68084 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 : -2.017 G/m Bz Taper : 4.888 G/m

Krms : 0.989

V Dipole : -15.5 G cm Iz(coil) : -15.8 G cm Pred. C.C. currents

V Quadrupole : 47.6 G Iz(BzC): -15.8 Gcm Iz(Bz) : 57.8 G cm I1 : 0.3265 A

V Sextupole : -25.4 G/cm Ix(coil) : 13.3 G cm I2 : -1.6269 A

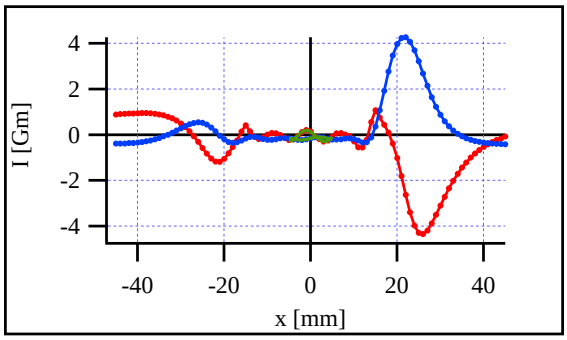
Ix(BxC) : 13.3 Gcm Ix(Bx) : 377.7 G cm

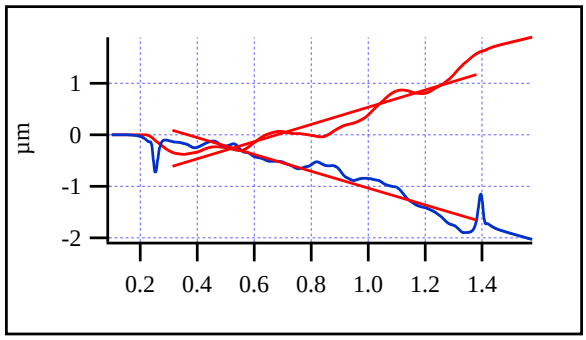
H Dipole : 11.8 G cm IIx(sBx) : 0.0897 G m^2 I3 : 0.1689 A

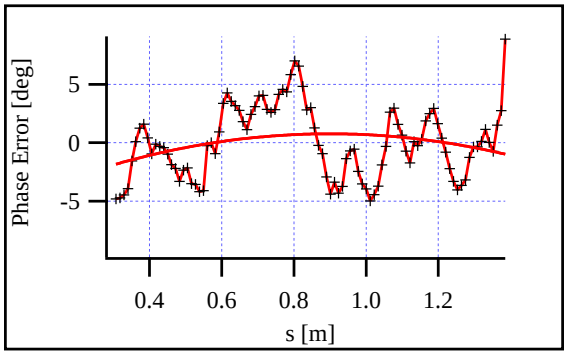
H Quadrupole : -121.5 G IIz(sBz): -0.0850 G m^2 I4 : -0.4341 A

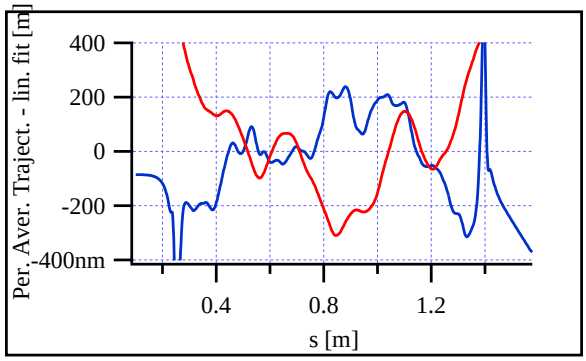
H Sextupole : -438.2 G/cm BzTrj RMS dev. : 0.1 um

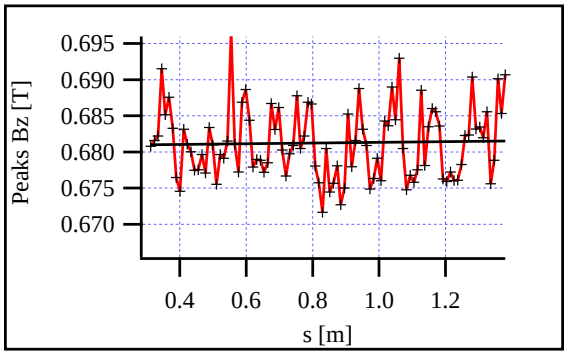
BxTrj RMS dev. : 0.2 um

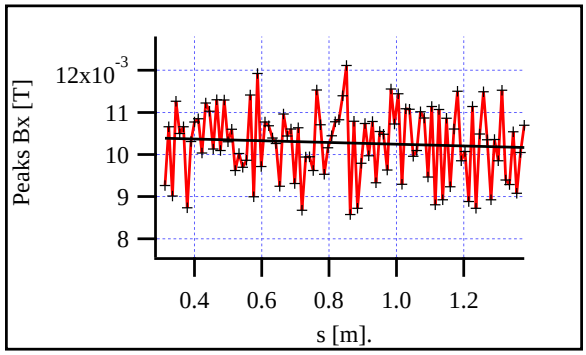












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