Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz157,Bx157,Izmes37,Ixmes37

Gap [mm] : 200

Phase [mm] : 6 Hall Z [mm] : 0 Peak Field Bx: 0.01690 T RMS Phase Error : 2.54 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 7.1 % Fund. En. (B2E) : 2524.7 eV = 0.5 nm

Peak Field Bz: 0.50307 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.1 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -5.042 G/m Bz Taper : -0.761 G/m

Krms : 0.731

V Dipole : -11.7 G cm Iz(coil) : -12.1 G cm Pred. C.C. currents

V Quadrupole : -15.0 G Iz(BzC): -12.1 Gcm Iz(Bz) : 57.5 G cm I1 : -0.0483 A

V Sextupole : 7.4 G/cm Ix(coil) : -7.6 G cm I2 : -1.8557 A

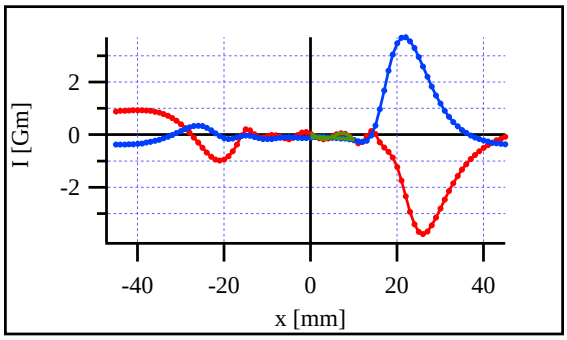
Ix(BxC) : -7.6 Gcm Ix(Bx) : 856.6 G cm

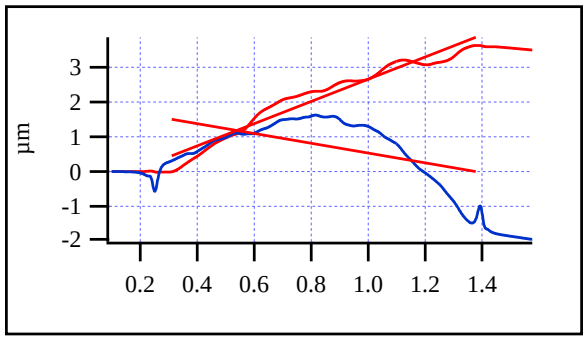
H Dipole : -7.4 G cm IIx(sBx) : 0.4074 G m^2 I3 : 1.4746 A

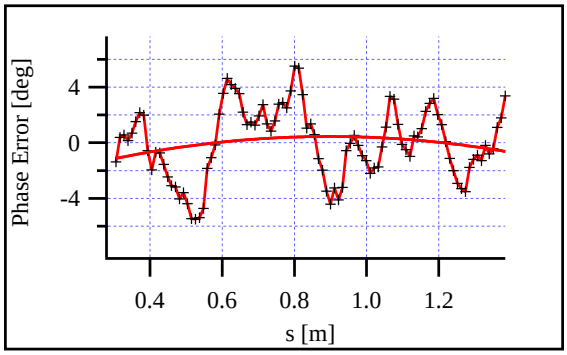
H Quadrupole : 82.0 G IIz(sBz): -0.1043 G m^2 I4 : 1.3241 A

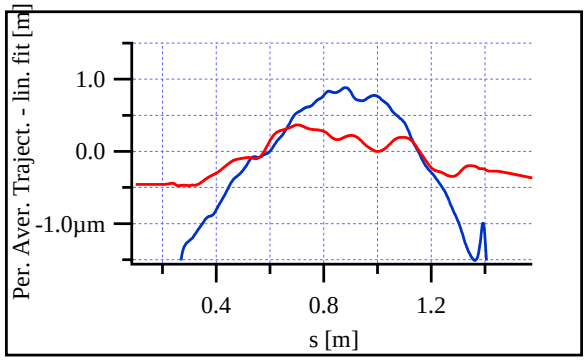
H Sextupole : 41.7 G/cm BzTrj RMS dev. : 0.7 um

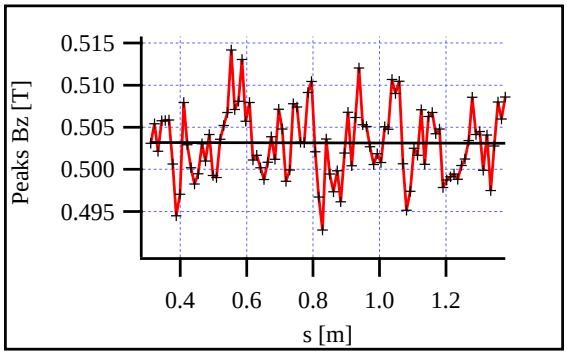
BxTrj RMS dev. : 0.2 um

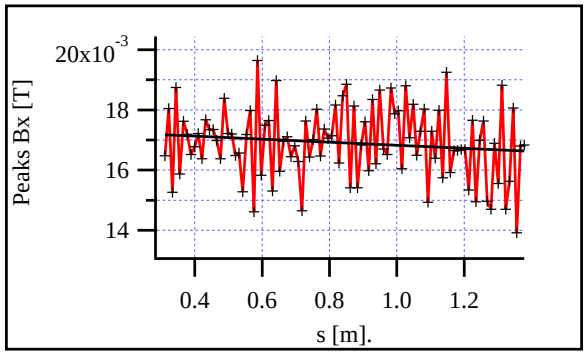












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