Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz149,Bx149,Izmes29,Ixmes29

Gap [mm] : 200

Phase [mm] : 2 Hall Z [mm] : 0 Peak Field Bx: 0.01164 T RMS Phase Error : 3.01 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 10.1 % Fund. En. (B2E) : 1923.1 eV = 0.6 nm

Peak Field Bz: 0.69535 T Radiation wavelength (lin. fit): 0.6 nm

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

e-beam energy : 3 GeV Bx Taper : -2.681 G/m Bz Taper : 4.341 G/m

Krms : 1.011

V Dipole : -16.4 G cm Iz(coil) : -16.6 G cm Pred. C.C. currents

V Quadrupole : -14.5 G Iz(BzC): -16.6 Gcm Iz(Bz) : 57.0 G cm I1 : -0.0086 A

V Sextupole : 5.5 G/cm Ix(coil) : -11.5 G cm I2 : -1.5860 A

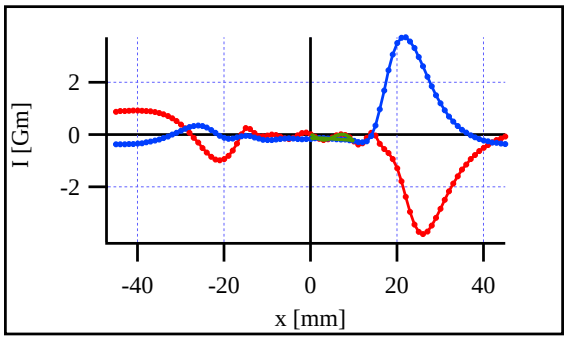
Ix(BxC) : -11.5 Gcm Ix(Bx) : 337.4 G cm

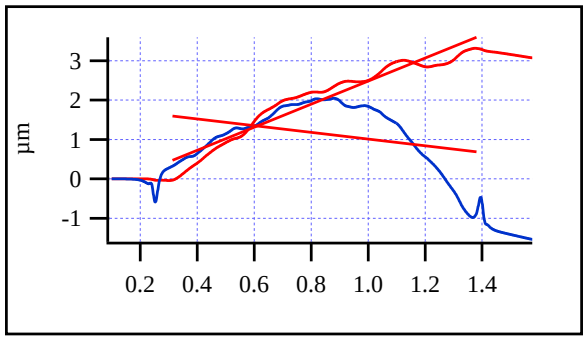
H Dipole : -11.3 G cm IIx(sBx) : 0.3935 G m^2 I3 : 2.0286 A

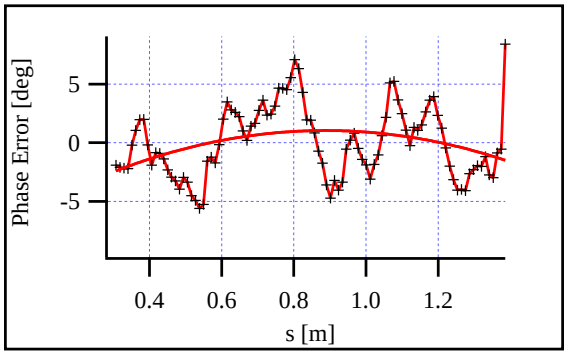
H Quadrupole : 78.5 G IIz(sBz): -0.0295 G m^2 I4 : 0.9195 A

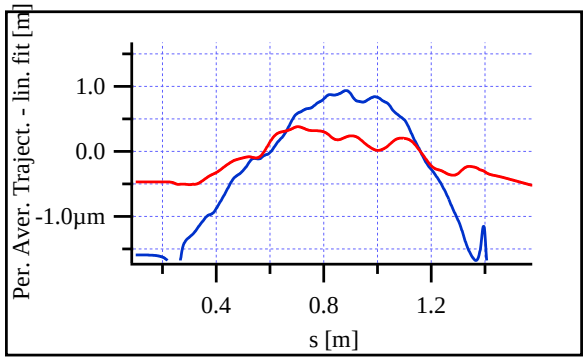
H Sextupole : 42.4 G/cm BzTrj RMS dev. : 0.8 um

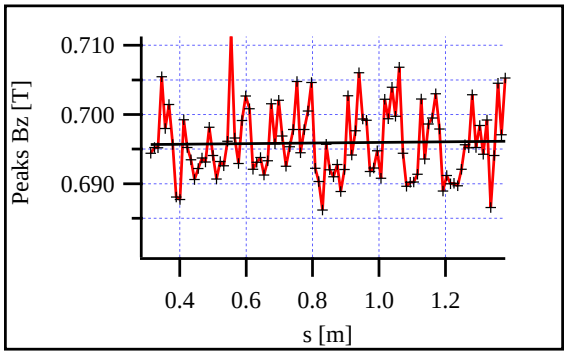
BxTrj RMS dev. : 0.3 um

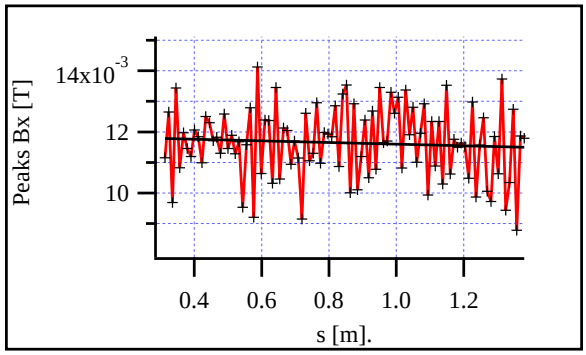












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