Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz225,Bx225,Izmes57,Ixmes57

Gap [mm] : 200

Phase [mm] : 4 Hall Z [mm] : 1 Peak Field Bx: 0.01290 T RMS Phase Error : 4.24 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 7.5 % Fund. En. (B2E) : 2191.0 eV = 0.6 nm

Peak Field Bz: 0.60455 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 : 0.051 G/m Bz Taper : -0.677 G/m

Krms : 0.879

V Dipole : -12.4 G cm Iz(coil) : -12.0 G cm Pred. C.C. currents

V Quadrupole : -26.3 G Iz(BzC): -12.0 Gcm Iz(Bz) : 69.2 G cm I1 : 1.5726 A

V Sextupole : -80.0 G/cm Ix(coil) : -25.5 G cm I2 : -0.5092 A

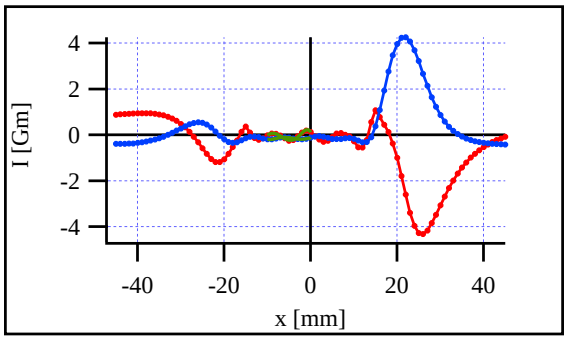
Ix(BxC) : -25.5 Gcm Ix(Bx) : 716.4 G cm

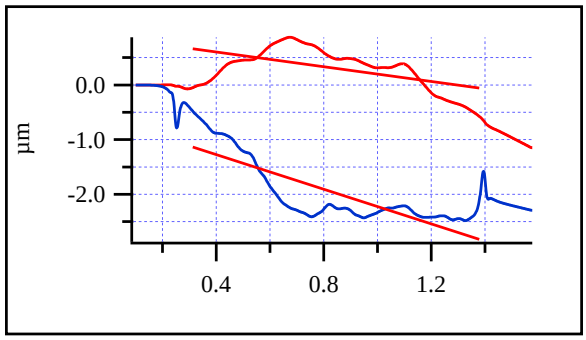
H Dipole : -23.0 G cm IIx(sBx) : 0.0763 G m^2 I3 : 0.9079 A

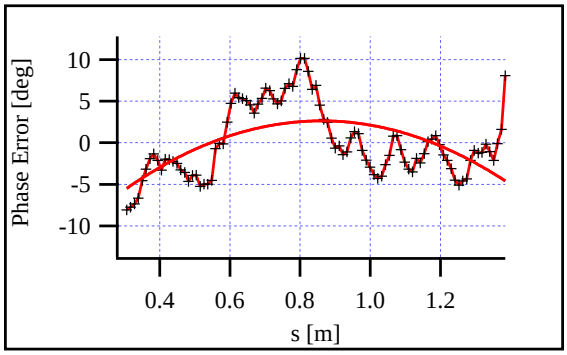
H Quadrupole : -27.7 G IIz(sBz): -0.1391 G m^2 I4 : 1.0365 A

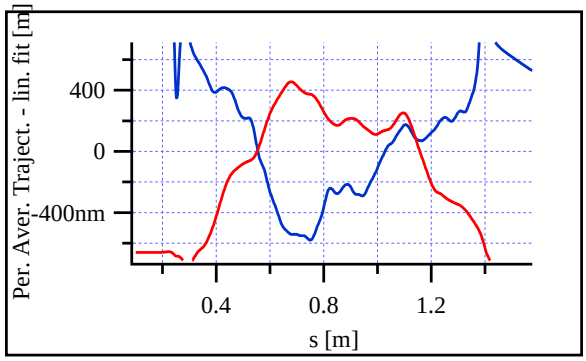
H Sextupole : 453.2 G/cm BzTrj RMS dev. : 0.3 um

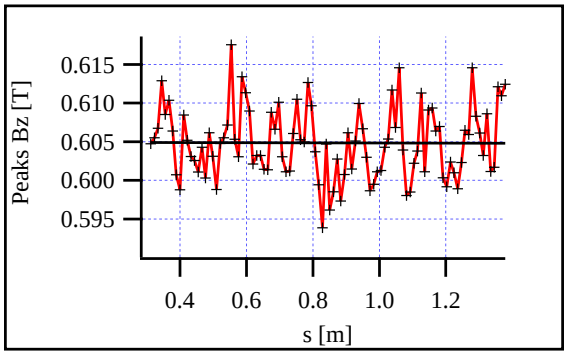
BxTrj RMS dev. : 0.3 um

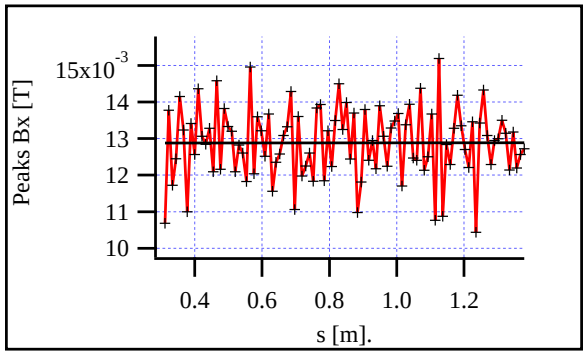












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