Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz415,Bx415,Izmes55,Ixmes55

Gap [mm] : 200

Phase [mm] : 3 Hall Z [mm] : 1 Peak Field Bx: 0.00474 T RMS Phase Error : 4.87 deg

Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 45.6 % Fund. En. (B2E) : 2280.5 eV = 0.5 nm

Peak Field Bz: 0.57330 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.4 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : 10.677 G/m Bz Taper : -11.199 G/m

Krms : 0.833

V Dipole : -10.5 G cm Iz(coil) : -9.8 G cm Pred. C.C. currents

V Quadrupole : -44.7 G Iz(BzC): -9.8 Gcm Iz(Bz) : 52.6 G cm I1 : 1.6495 A

V Sextupole : -84.8 G/cm Ix(coil) : -20.1 G cm I2 : -1.9309 A

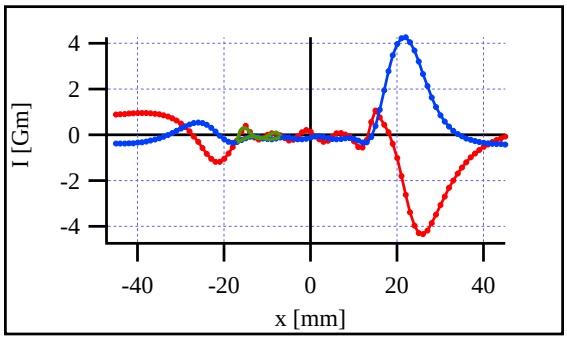
Ix(BxC) : -20.1 Gcm Ix(Bx) : 474.2 G cm

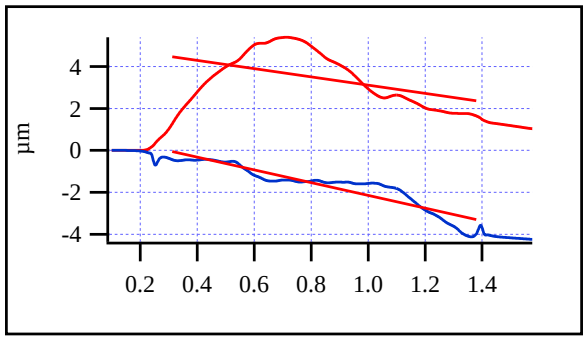
H Dipole : -16.2 G cm IIx(sBx) : 0.2541 G m^2 I3 : 0.3271 A

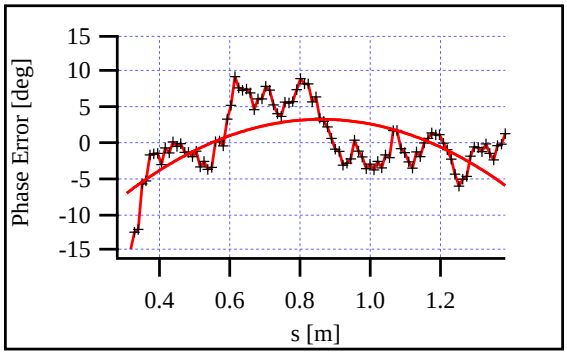
H Quadrupole : -34.0 G IIz(sBz): -0.3511 G m^2 I4 : 2.3251 A

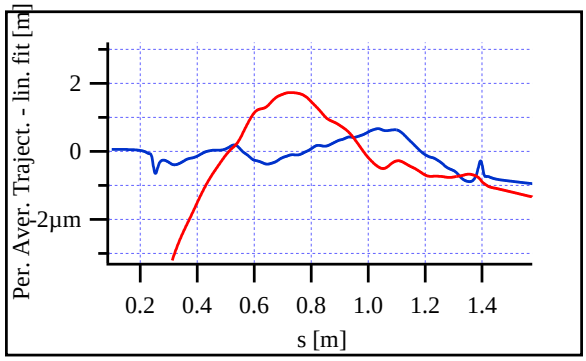
H Sextupole : 575.2 G/cm BzTrj RMS dev. : 0.4 um

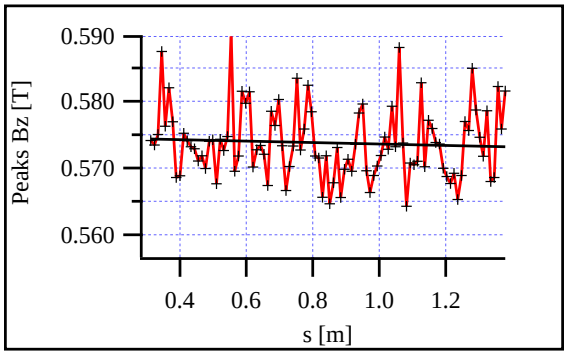
BxTrj RMS dev. : 1.1 um

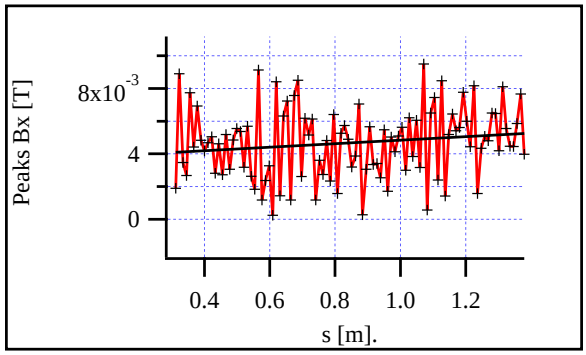












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