Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz237,Bx237,Izmes69,Ixmes69

Gap [mm] : 200

Phase [mm] : 10 Hall Z [mm] : 1 Peak Field Bx: 0.01616 T RMS Phase Error : 2.10 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 6.3 % Fund. En. (B2E) : 3759.2 eV = 0.3 nm

Peak Field Bz: 0.12299 T Radiation wavelength (lin. fit): 0.3 nm

Undulator Period : 22.00+-0.13 mm Delta Bz/Bz : 4.5 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : -0.970 G/m Bz Taper : 12.929 G/m

Krms : 0.180

V Dipole : -6.3 G cm Iz(coil) : -5.9 G cm Pred. C.C. currents

V Quadrupole : -26.2 G Iz(BzC): -5.9 Gcm Iz(Bz) : 33.8 G cm I1 : 1.2318 A

V Sextupole : -84.2 G/cm Ix(coil) : -23.6 G cm I2 : -0.2516 A

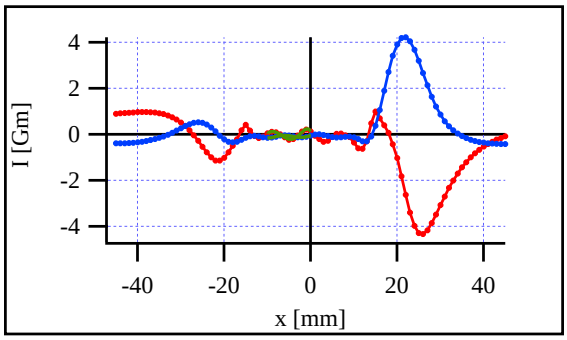
Ix(BxC) : -23.6 Gcm Ix(Bx) : 277.0 G cm

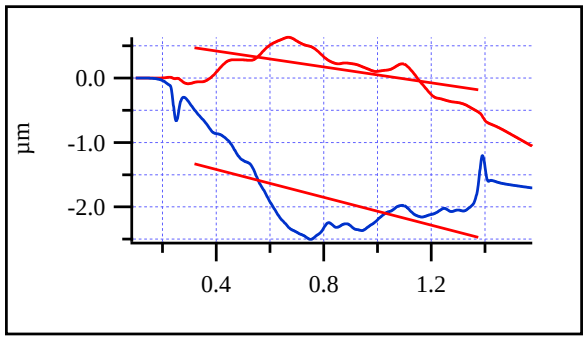
H Dipole : -21.1 G cm IIx(sBx) : 0.0711 G m^2 I3 : 0.6402 A

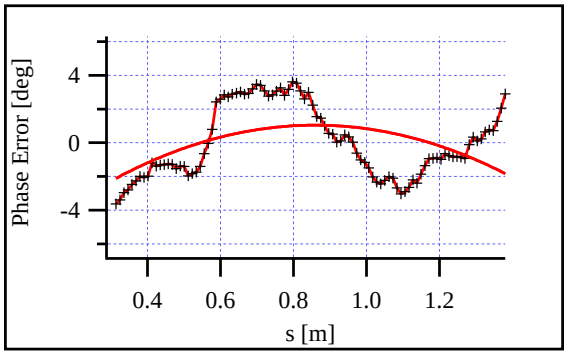
H Quadrupole : -36.4 G IIz(sBz): -0.1262 G m^2 I4 : 1.1613 A

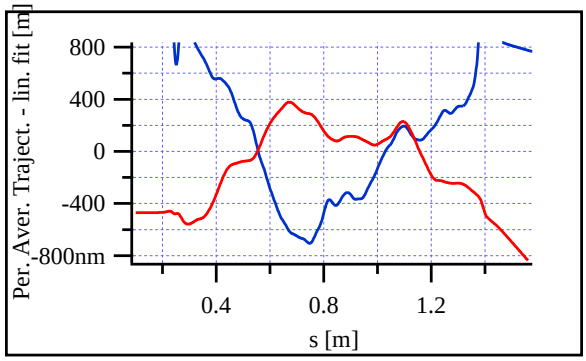
H Sextupole : 464.3 G/cm BzTrj RMS dev. : 0.4 um

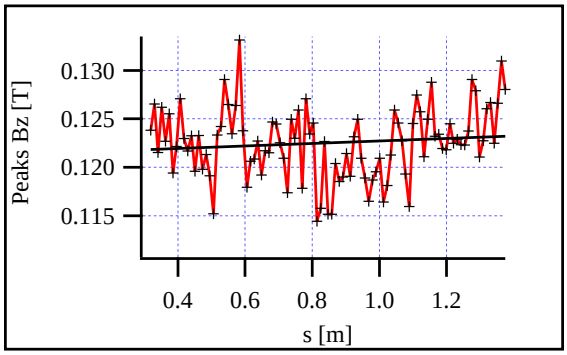
BxTrj RMS dev. : 0.2 um

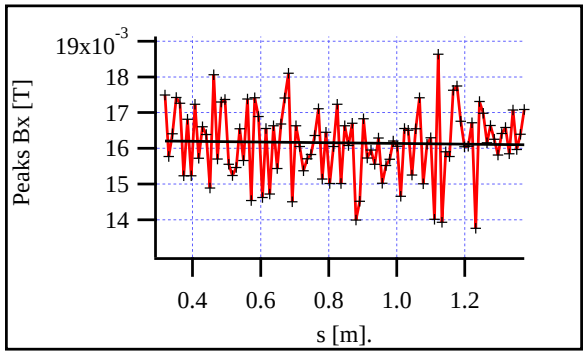












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