Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz373,Bx373,Izmes13,Ixmes13

Gap [mm] : 200

Phase [mm] : 6 Hall Z [mm] : -1 Peak Field Bx: 0.07584 T RMS Phase Error : 6.94 deg

Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 3.2 % Fund. En. (B2E) : 2469.1 eV = 0.5 nm

Peak Field Bz: 0.50771 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.04 mm Delta Bz/Bz : 1.3 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -12.211 G/m Bz Taper : -9.496 G/m

Krms : 0.746

V Dipole : -16.7 G cm Iz(coil) : -17.3 G cm Pred. C.C. currents

V Quadrupole : -52.6 G Iz(BzC): -17.3 Gcm Iz(Bz) : 12.1 G cm I1 : 0.4621 A

V Sextupole : 199.2 G/cm Ix(coil) : -12.4 G cm I2 : -1.9724 A

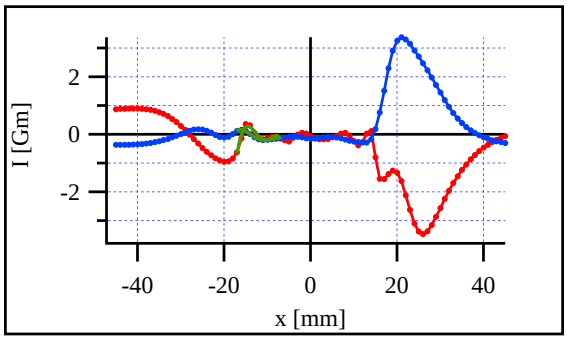
Ix(BxC) : -12.4 Gcm Ix(Bx) : 650.2 G cm

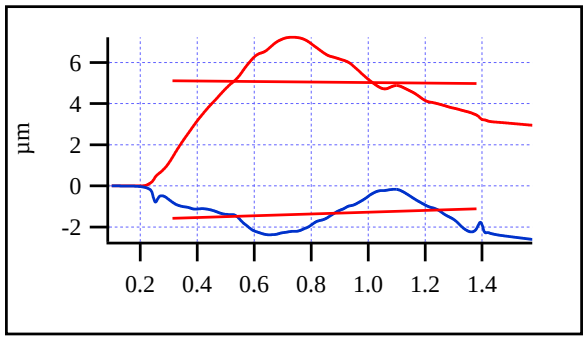
H Dipole : -6.2 G cm IIx(sBx) : 0.3883 G m^2 I3 : 1.6707 A

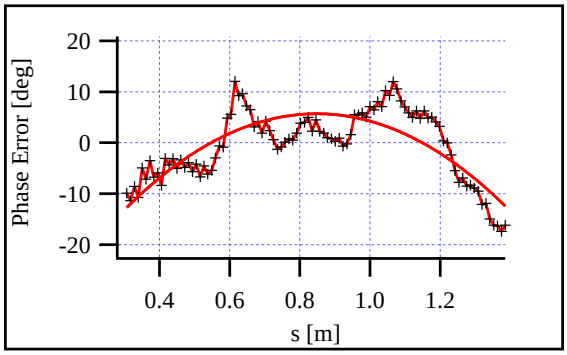
H Quadrupole : -157.8 G IIz(sBz): -0.1300 G m^2 I4 : 1.3018 A

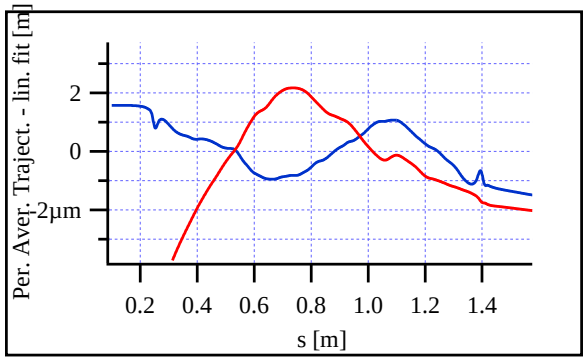
H Sextupole : 309.1 G/cm BzTrj RMS dev. : 0.6 um

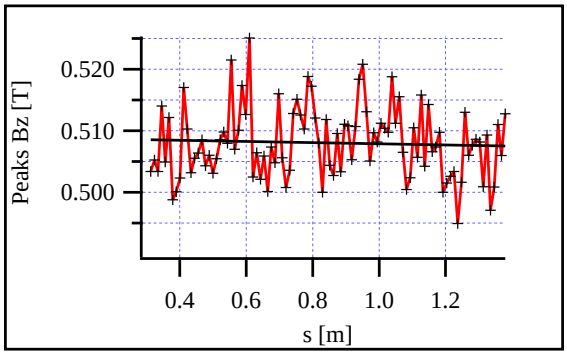
BxTrj RMS dev. : 1.4 um

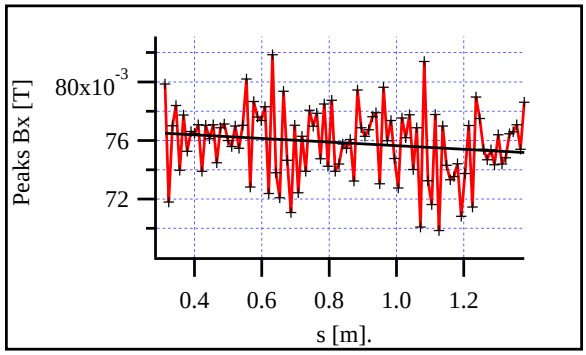












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