Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz417,Bx417,Izmes57,Ixmes57

Gap [mm] : 200

Phase [mm] : 4 Hall Z [mm] : 1 Peak Field Bx: 0.00681 T RMS Phase Error : 5.33 deg

Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 33.0 % Fund. En. (B2E) : 2415.3 eV = 0.5 nm

Peak Field Bz: 0.52928 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 : 8.987 G/m Bz Taper : -5.906 G/m

Krms : 0.769

V Dipole : -10.6 G cm Iz(coil) : -10.1 G cm Pred. C.C. currents

V Quadrupole : -44.8 G Iz(BzC): -10.1 Gcm Iz(Bz) : 61.9 G cm I1 : 2.0024 A

V Sextupole : -86.6 G/cm Ix(coil) : -21.8 G cm I2 : -2.1831 A

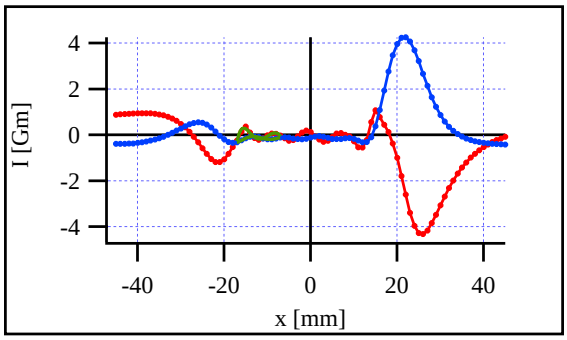
Ix(BxC) : -21.8 Gcm Ix(Bx) : 583.0 G cm

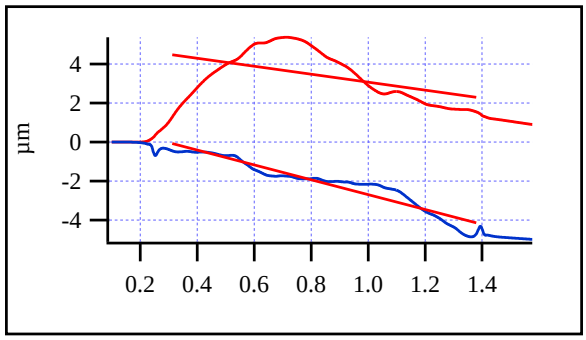
H Dipole : -18.1 G cm IIx(sBx) : 0.2537 G m^2 I3 : 0.1024 A

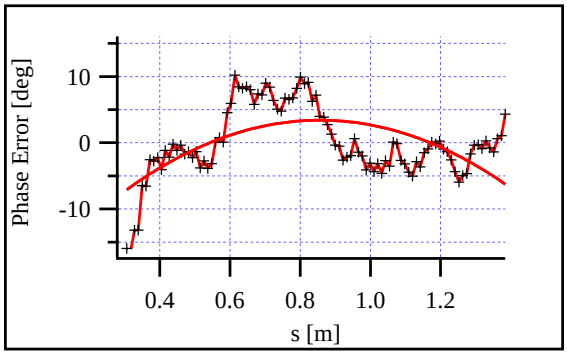
H Quadrupole : -32.5 G IIz(sBz): -0.4235 G m^2 I4 : 2.6453 A

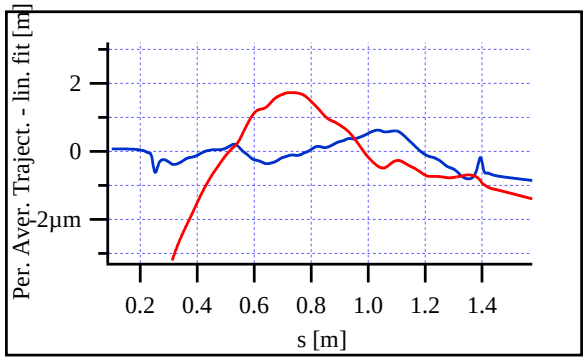
H Sextupole : 579.3 G/cm BzTrj RMS dev. : 0.4 um

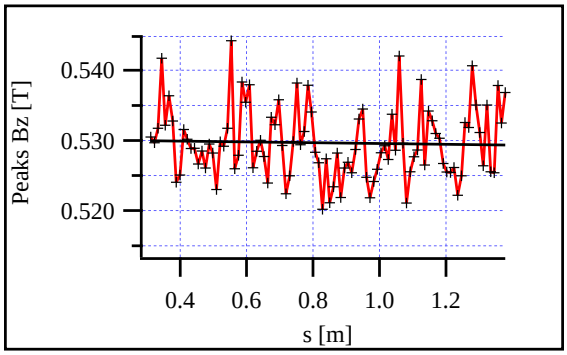
BxTrj RMS dev. : 1.1 um

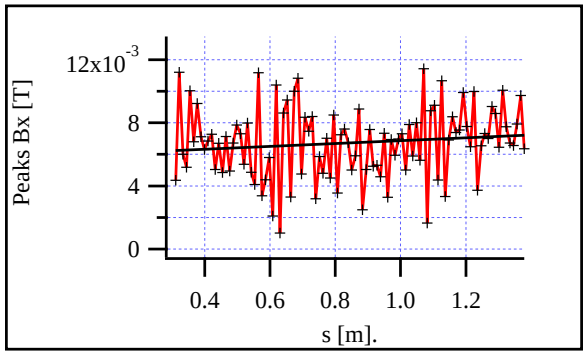












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