Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz397,Bx397,Izmes37,Ixmes37

Gap [mm] : 200

Phase [mm] : 6 Hall Z [mm] : 0 Peak Field Bx: 0.02871 T RMS Phase Error : 5.07 deg

Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 7.8 % Fund. En. (B2E) : 2812.5 eV = 0.4 nm

Peak Field Bz: 0.41194 T Radiation wavelength (lin. fit): 0.4 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.2 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -2.907 G/m Bz Taper : -5.104 G/m

Krms : 0.600

V Dipole : -12.7 G cm Iz(coil) : -12.4 G cm Pred. C.C. currents

V Quadrupole : -38.7 G Iz(BzC): -12.4 Gcm Iz(Bz) : 31.5 G cm I1 : 1.1802 A

V Sextupole : 42.6 G/cm Ix(coil) : -9.9 G cm I2 : -2.3112 A

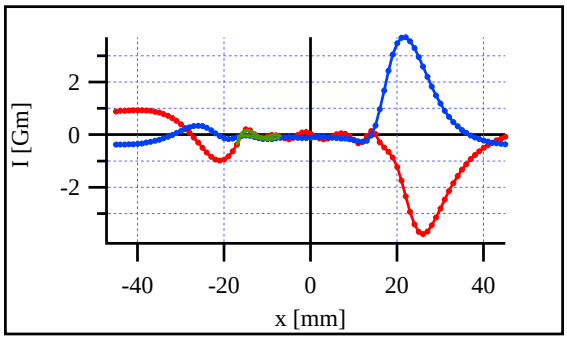
Ix(BxC) : -9.9 Gcm Ix(Bx) : 645.8 G cm

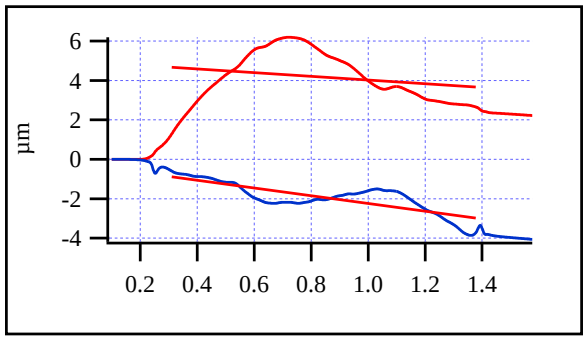
H Dipole : -6.1 G cm IIx(sBx) : 0.2967 G m^2 I3 : 0.4039 A

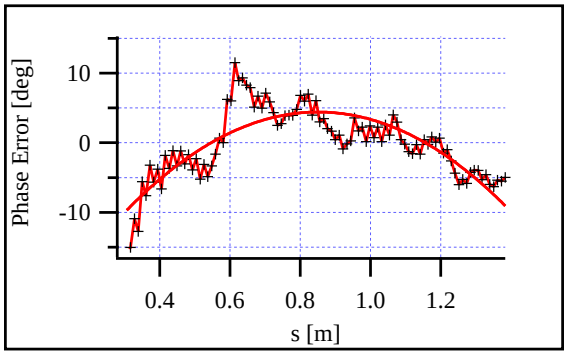
H Quadrupole : -76.4 G IIz(sBz): -0.3133 G m^2 I4 : 1.8903 A

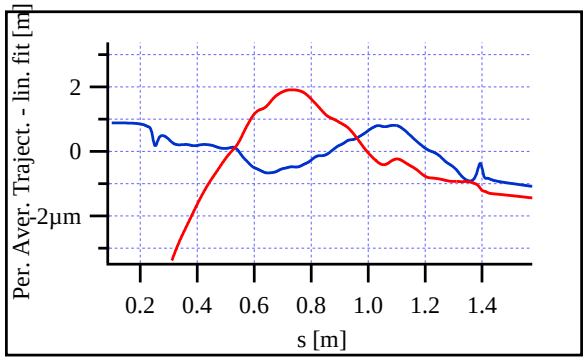
H Sextupole : 256.4 G/cm BzTrj RMS dev. : 0.5 um

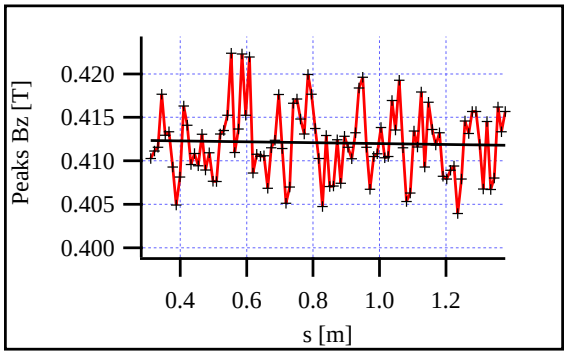
BxTrj RMS dev. : 1.2 um

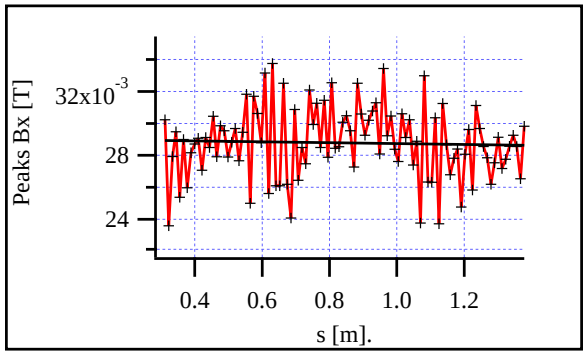












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