Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz295,Bx295,Izmes55,Ixmes55

Gap [mm] : 200

Phase [mm] : 3 Hall Z [mm] : 1 Peak Field Bx: 0.00602 T RMS Phase Error : 14.36 deg

Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 43.4 % Fund. En. (B2E) : 2233.9 eV = 0.6 nm

Peak Field Bz: 0.58557 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.5 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -2.938 G/m Bz Taper : 5.311 G/m

Krms : 0.851

V Dipole : -34.1 G cm Iz(coil) : -33.3 G cm Pred. C.C. currents

V Quadrupole : -45.1 G Iz(BzC): -33.3 Gcm Iz(Bz) : 33.3 G cm I1 : 0.3575 A

V Sextupole : 523.4 G/cm Ix(coil) : -55.5 G cm I2 : -3.9314 A

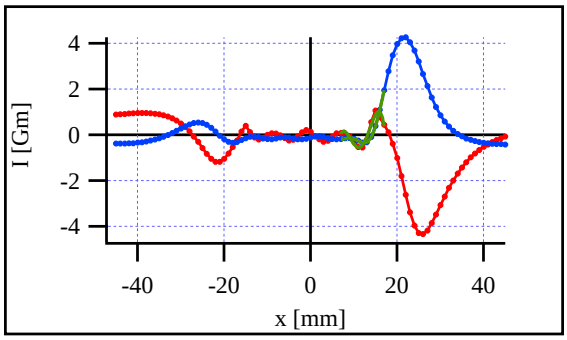
Ix(BxC) : -55.5 Gcm Ix(Bx) : 431.6 G cm

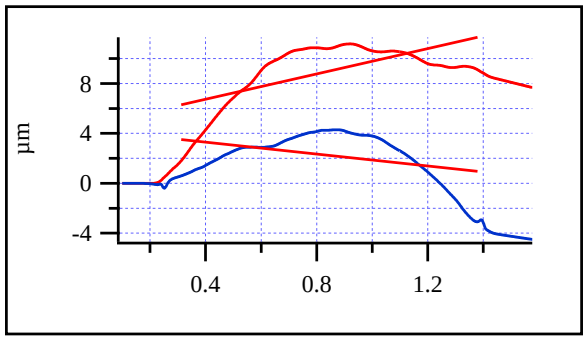
H Dipole : -44.1 G cm IIx(sBx) : 1.1854 G m^2 I3 : 5.6101 A

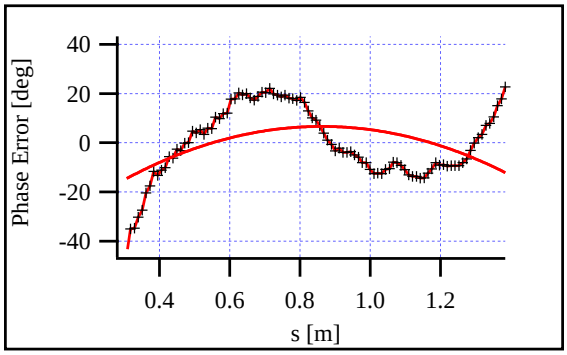
H Quadrupole : 239.7 G IIz(sBz): -0.2001 G m^2 I4 : 4.4996 A

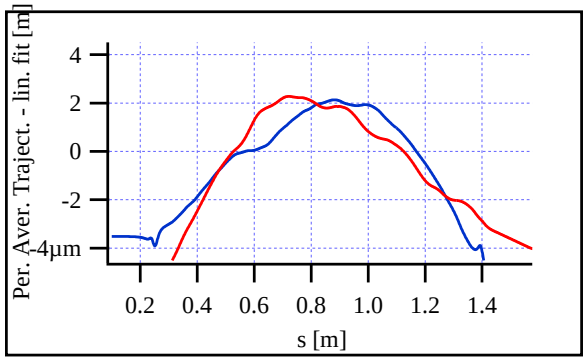
H Sextupole : 1289.6 G/cm BzTrj RMS dev. : 1.7 um

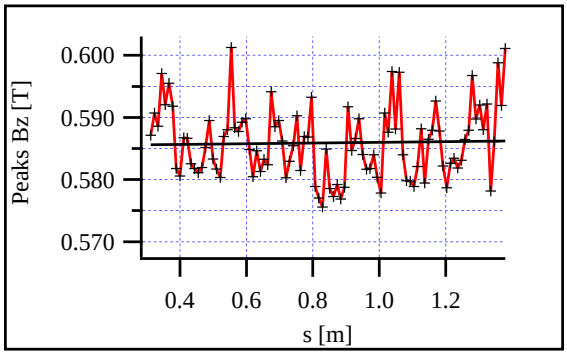
BxTrj RMS dev. : 1.8 um

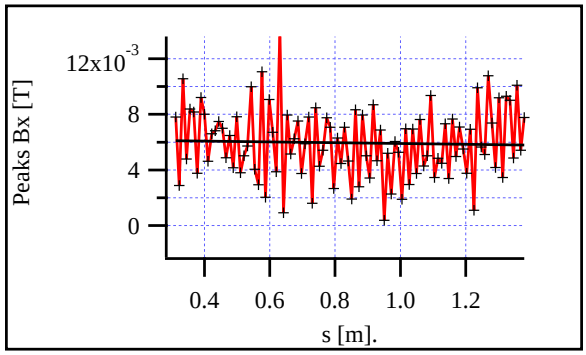












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