Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz249,Bx249,Izmes57,Ixmes57

Gap [mm] : 200

Phase [mm] : 4 Hall Z [mm] : 1 Peak Field Bx: 0.01281 T RMS Phase Error : 3.89 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 6.5 % Fund. En. (B2E) : 2177.1 eV = 0.6 nm

Peak Field Bz: 0.60820 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.2 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -2.835 G/m Bz Taper : -0.426 G/m

Krms : 0.884

V Dipole : -12.0 G cm Iz(coil) : -12.3 G cm Pred. C.C. currents

V Quadrupole : 48.3 G Iz(BzC): -12.3 Gcm Iz(Bz) : 82.9 G cm I1 : 0.2224 A

V Sextupole : -21.9 G/cm Ix(coil) : 12.3 G cm I2 : -1.4852 A

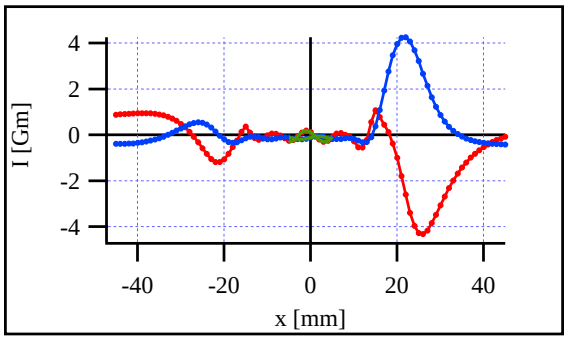
Ix(BxC) : 12.3 Gcm Ix(Bx) : 763.3 G cm

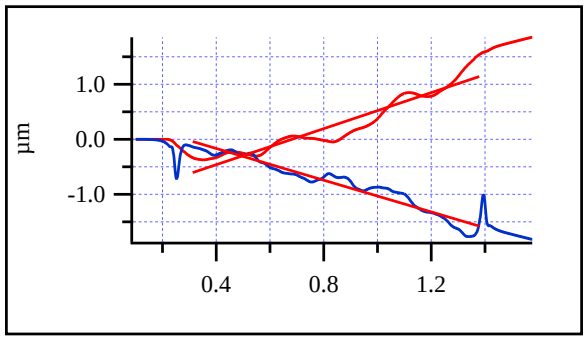
H Dipole : 10.8 G cm IIx(sBx) : 0.0933 G m^2 I3 : 0.0502 A

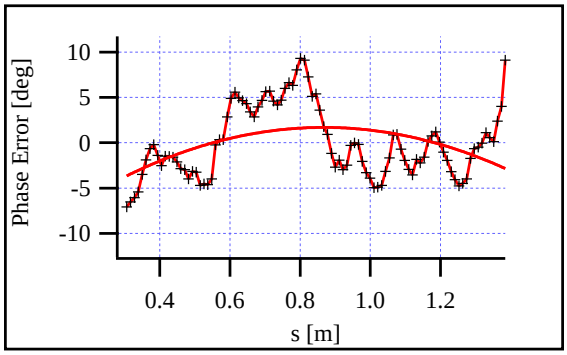
H Quadrupole : -121.5 G IIz(sBz): -0.0895 G m^2 I4 : -0.2355 A

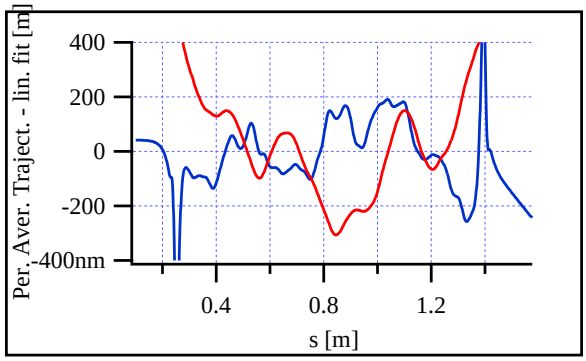
H Sextupole : -431.5 G/cm BzTrj RMS dev. : 0.1 um

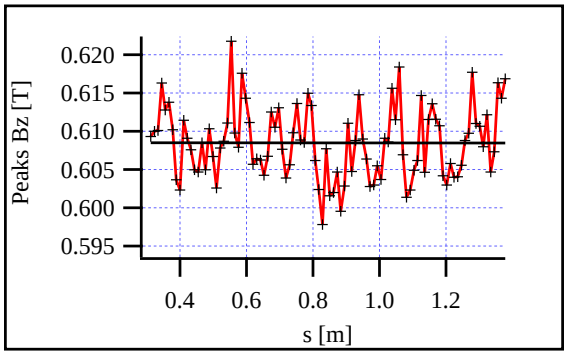
BxTrj RMS dev. : 0.2 um

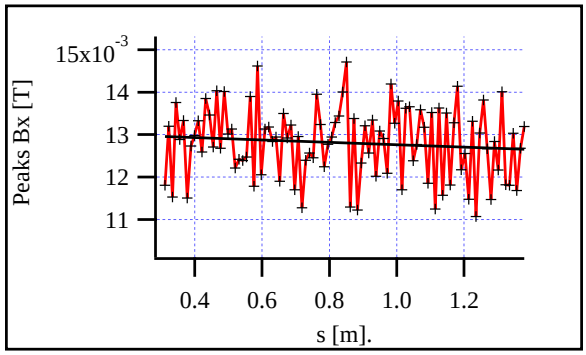












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