Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz201,Bx201,Izmes33,Ixmes33

Gap [mm] : 200

Phase [mm] : 4 Hall Z [mm] : 0 Peak Field Bx: 0.01053 T RMS Phase Error : 3.93 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 9.3 % Fund. En. (B2E) : 2137.3 eV = 0.6 nm

Peak Field Bz: 0.62222 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 : -1.205 G/m Bz Taper : -18.900 G/m

Krms : 0.904

V Dipole : -14.0 G cm Iz(coil) : -13.8 G cm Pred. C.C. currents

V Quadrupole : -4.6 G Iz(BzC): -13.8 Gcm Iz(Bz) : 89.2 G cm I1 : 1.5832 A

V Sextupole : -57.6 G/cm Ix(coil) : -14.9 G cm I2 : -0.8956 A

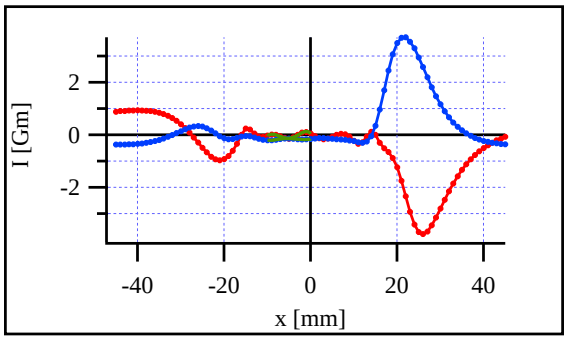
Ix(BxC) : -14.9 Gcm Ix(Bx) : 714.1 G cm

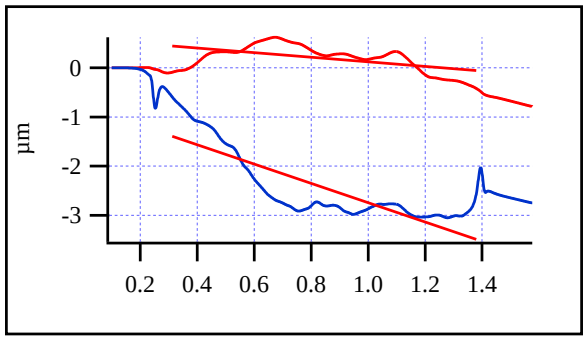
H Dipole : -12.8 G cm IIx(sBx) : 0.0331 G m^2 I3 : 0.4107 A

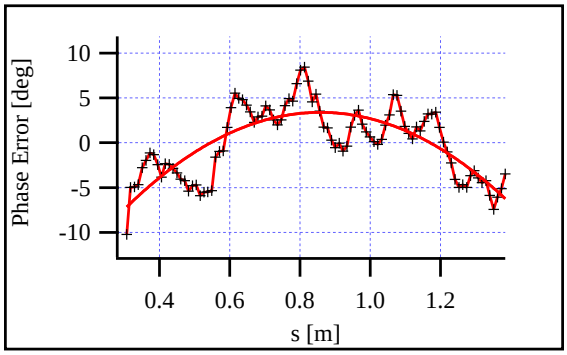
H Quadrupole : 11.4 G IIz(sBz): -0.1716 G m^2 I4 : 0.6585 A

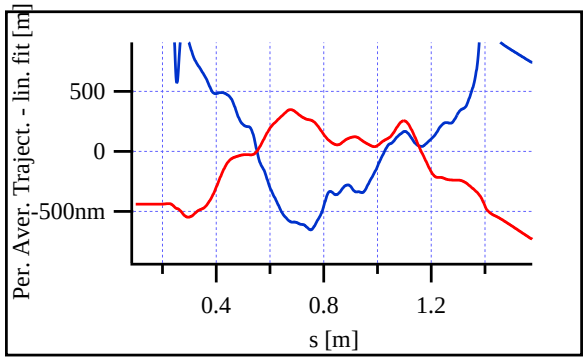
H Sextupole : 258.9 G/cm BzTrj RMS dev. : 0.4 um

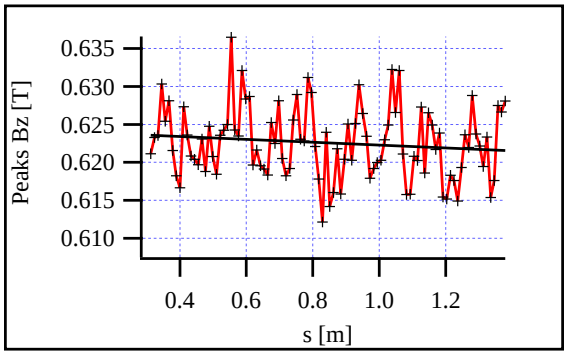
BxTrj RMS dev. : 0.2 um

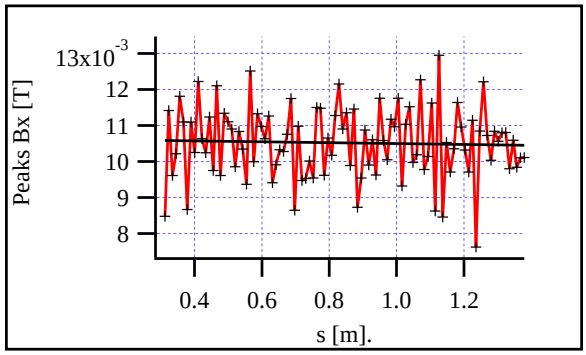












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