Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz77,Bx77,Izmes5,Ixmes5

Gap [mm] : 200

Phase [mm] : 2 Hall Z [mm] : -1 Peak Field Bx: 0.00551 T RMS Phase Error : 5.28 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 19.6 % Fund. En. (B2E) : 1712.1 eV = 0.7 nm

Peak Field Bz: 0.77004 T Radiation wavelength (lin. fit): 0.7 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.3 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : 1.334 G/m Bz Taper : -20.343 G/m

Krms : 1.119

V Dipole : -13.6 G cm Iz(coil) : -13.6 G cm Pred. C.C. currents

V Quadrupole : 17.2 G Iz(BzC): -13.6 Gcm Iz(Bz) : 69.0 G cm I1 : 1.6558 A

V Sextupole : -69.1 G/cm Ix(coil) : -19.0 G cm I2 : -0.1123 A

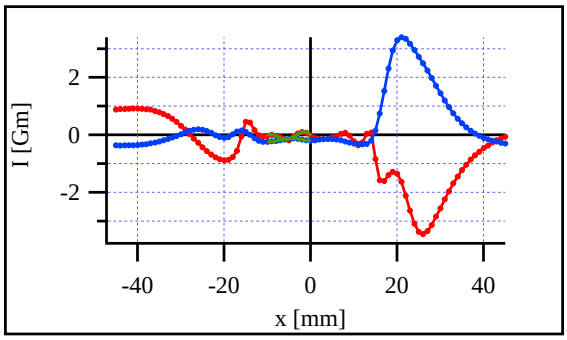
Ix(BxC) : -19.1 Gcm Ix(Bx) : 335.5 G cm

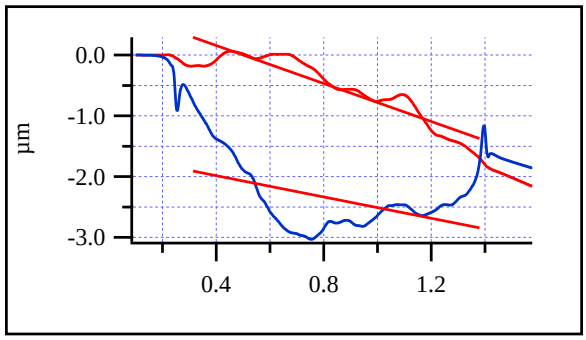
H Dipole : -13.9 G cm IIx(sBx) : -0.0730 G m^2 I3 : 0.5683 A

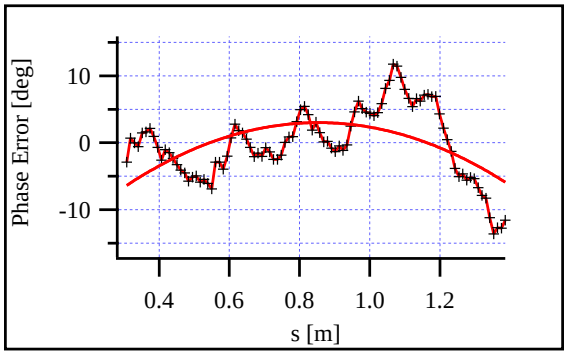
H Quadrupole : 41.3 G IIz(sBz): -0.0839 G m^2 I4 : 0.1326 A

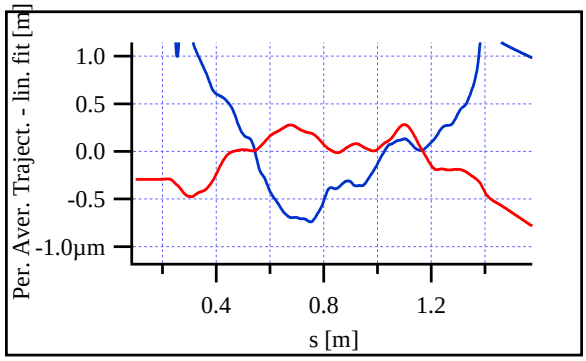
H Sextupole : 267.2 G/cm BzTrj RMS dev. : 0.5 um

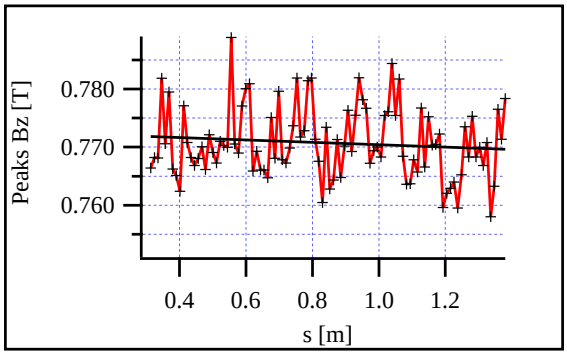
BxTrj RMS dev. : 0.2 um

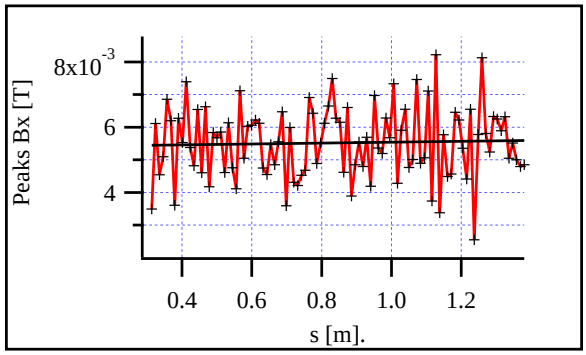












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