Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz271,Bx271,Izmes55,Ixmes55

Gap [mm] : 200

Phase [mm] : 3 Hall Z [mm] : 1 Peak Field Bx: 0.01060 T RMS Phase Error : 4.07 deg

Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 11.0 % Fund. En. (B2E) : 2053.6 eV = 0.6 nm

Peak Field Bz: 0.64871 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.3 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -3.024 G/m Bz Taper : -7.291 G/m

Krms : 0.943

V Dipole : -18.0 G cm Iz(coil) : -18.5 G cm Pred. C.C. currents

V Quadrupole : -29.7 G Iz(BzC): -18.5 Gcm Iz(Bz) : 72.5 G cm I1 : 0.2723 A

V Sextupole : 105.0 G/cm Ix(coil) : -8.6 G cm I2 : -1.9451 A

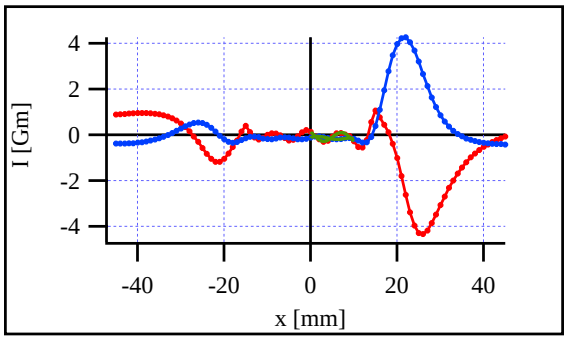
Ix(BxC) : -8.6 Gcm Ix(Bx) : 551.5 G cm

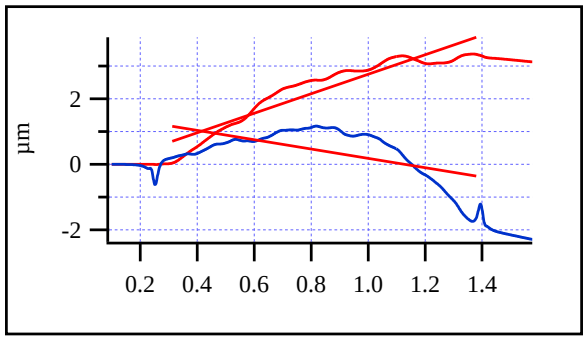
H Dipole : -10.3 G cm IIx(sBx) : 0.3781 G m^2 I3 : 1.7384 A

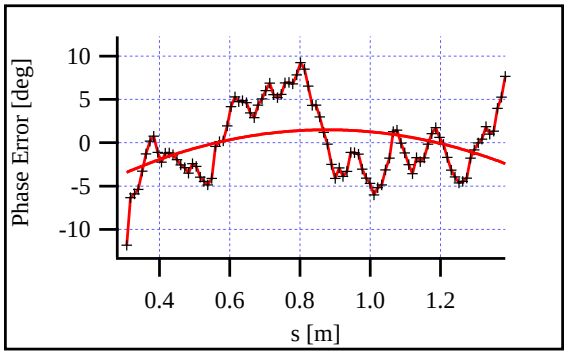
H Quadrupole : 144.1 G IIz(sBz): -0.0901 G m^2 I4 : 0.9527 A

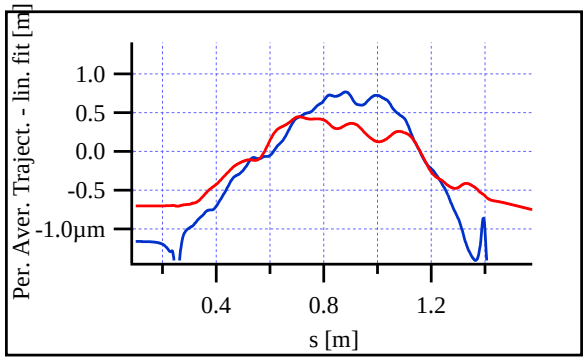
H Sextupole : 25.4 G/cm BzTrj RMS dev. : 0.6 um

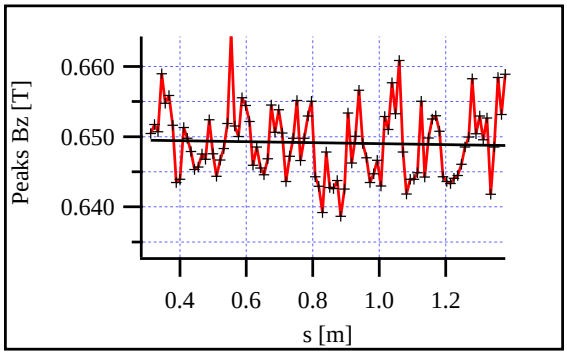
BxTrj RMS dev. : 0.3 um

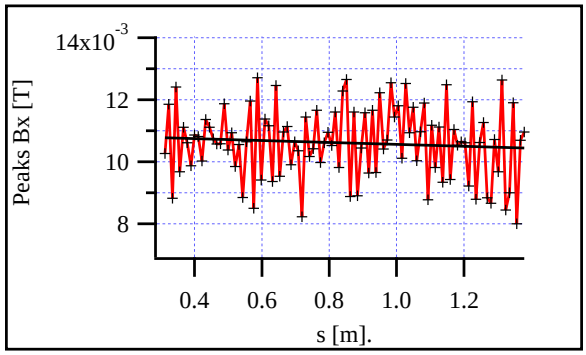












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