Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz241,Bx241,Izmes49,Ixmes49

Gap [mm] : 200

Phase [mm] : 0 Hall Z [mm] : 1 Peak Field Bx: 0.00691 T RMS Phase Error : 2.68 deg

Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 12.3 % Fund. En. (B2E) : 1913.1 eV = 0.6 nm

Peak Field Bz: 0.69778 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 0.8 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : -1.286 G/m Bz Taper : 6.698 G/m

Krms : 1.014

V Dipole : -15.4 G cm Iz(coil) : -15.7 G cm Pred. C.C. currents

V Quadrupole : 49.9 G Iz(BzC): -15.7 Gcm Iz(Bz) : 34.0 G cm I1 : 0.1711 A

V Sextupole : -20.4 G/cm Ix(coil) : 12.8 G cm I2 : -1.4339 A

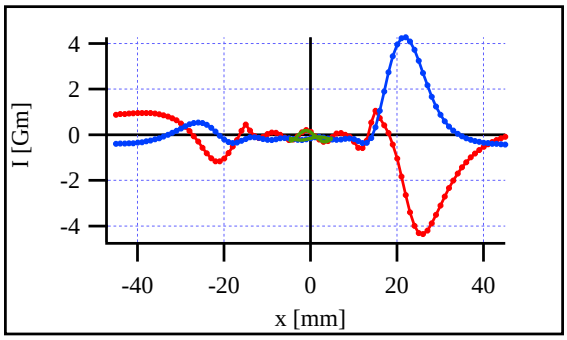
Ix(BxC) : 12.8 Gcm Ix(Bx) : -149.2 G cm

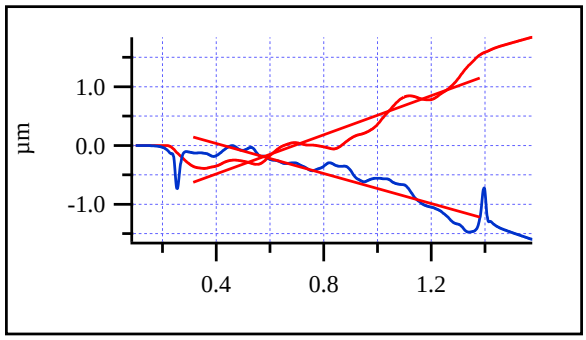
H Dipole : 11.4 G cm IIx(sBx) : 0.0879 G m^2 I3 : 0.3491 A

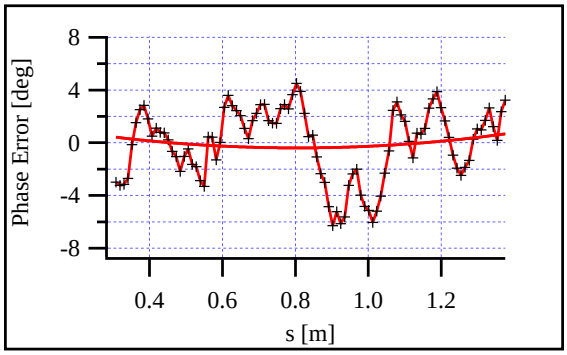
H Quadrupole : -123.7 G IIz(sBz): -0.0414 G m^2 I4 : -0.5974 A

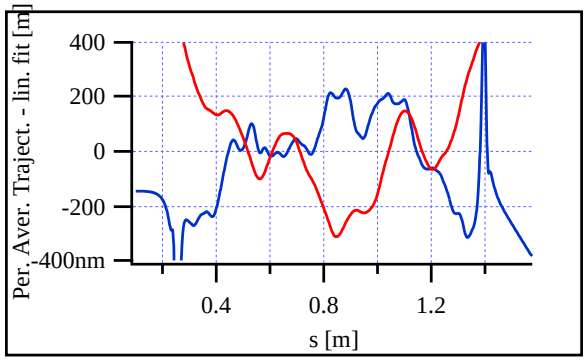
H Sextupole : -440.1 G/cm BzTrj RMS dev. : 0.1 um

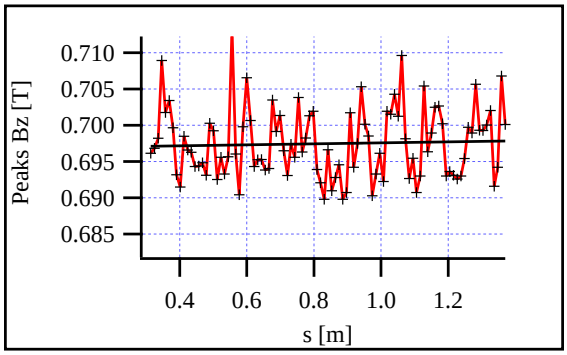
BxTrj RMS dev. : 0.2 um

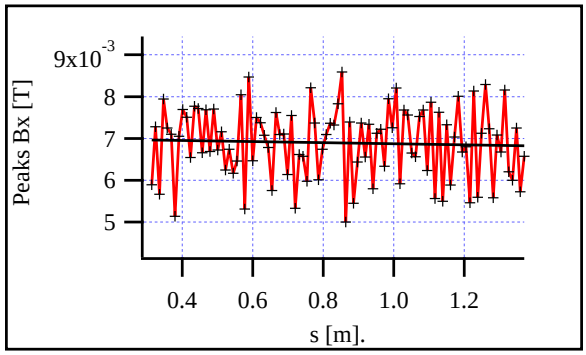












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