Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz321,Bx321,Izmes33,Ixmes33

Gap [mm] : 200

Phase [mm] : 4 Hall Z [mm] : 0 Peak Field Bx: 0.02577 T RMS Phase Error : 13.06 deg

Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 10.4 % Fund. En. (B2E) : 2350.8 eV = 0.5 nm

Peak Field Bz: 0.54794 T Radiation wavelength (lin. fit): 0.5 nm

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

e-beam energy : 3 GeV Bx Taper : -0.225 G/m Bz Taper : 6.669 G/m

Krms : 0.797

V Dipole : -31.0 G cm Iz(coil) : -29.9 G cm Pred. C.C. currents

V Quadrupole : 2.7 G Iz(BzC): -29.9 Gcm Iz(Bz) : 48.6 G cm I1 : -0.5586 A

V Sextupole : 431.1 G/cm Ix(coil) : -28.6 G cm I2 : -4.6243 A

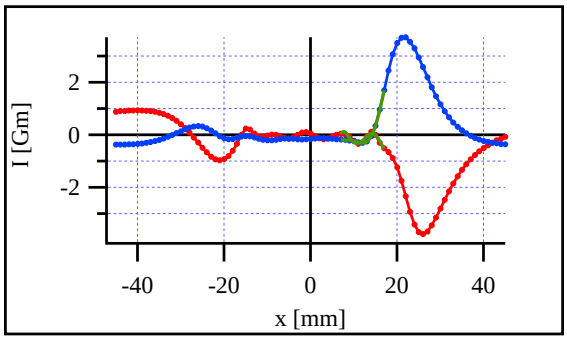
Ix(BxC) : -28.7 Gcm Ix(Bx) : 555.7 G cm

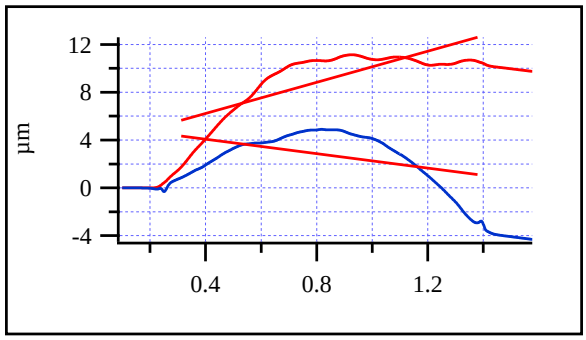
H Dipole : -21.3 G cm IIx(sBx) : 1.1904 G m^2 I3 : 4.6685 A

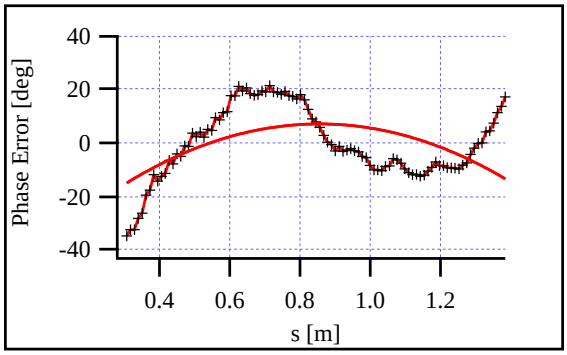
H Quadrupole : 153.5 G IIz(sBz): -0.2068 G m^2 I4 : 3.8890 A

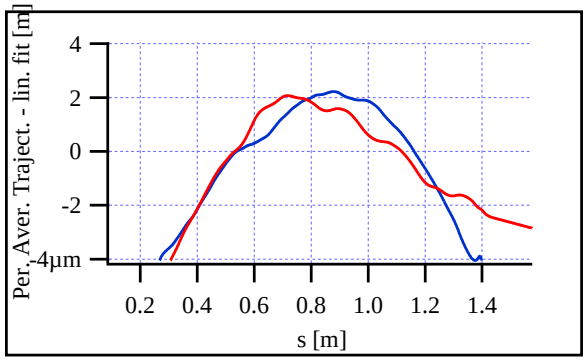
H Sextupole : 272.0 G/cm BzTrj RMS dev. : 1.8 um

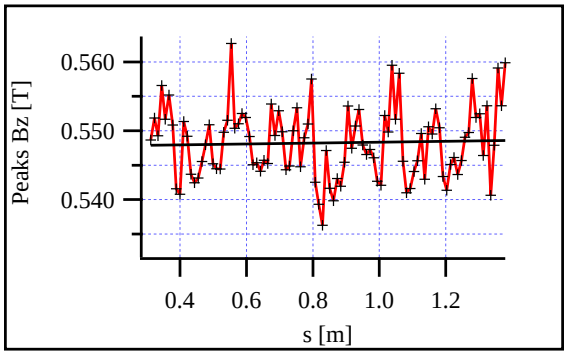
BxTrj RMS dev. : 1.6 um

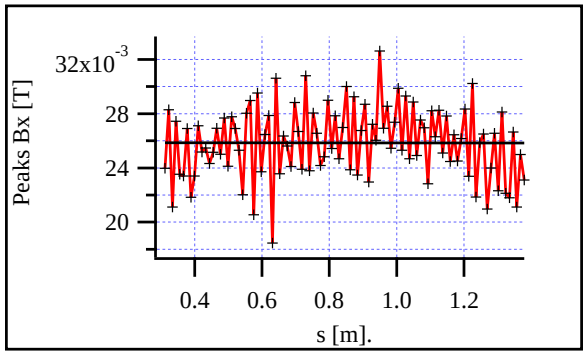












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