Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz239,Bx239,Izmes71,Ixmes71

Gap [mm] : 200

Phase [mm] : 11 Hall Z [mm] : 1 Peak Field Bx: 0.01974 T RMS Phase Error : 1.67 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 4.9 % Fund. En. (B2E) : 3869.5 eV = 0.3 nm

Peak Field Bz: 0.03254 T Radiation wavelength (lin. fit): 0.3 nm

Undulator Period : 22.00+-0.56 mm Delta Bz/Bz : 35.0 % Peaks used : 101

e-beam energy : 3 GeV Bx Taper : -2.024 G/m Bz Taper : 28.940 G/m

Krms : 0.055

V Dipole : -2.6 G cm Iz(coil) : -2.3 G cm Pred. C.C. currents

V Quadrupole : -23.6 G Iz(BzC): -2.3 Gcm Iz(Bz) : 25.4 G cm I1 : 1.0115 A

V Sextupole : -95.0 G/cm Ix(coil) : -20.8 G cm I2 : -0.1768 A

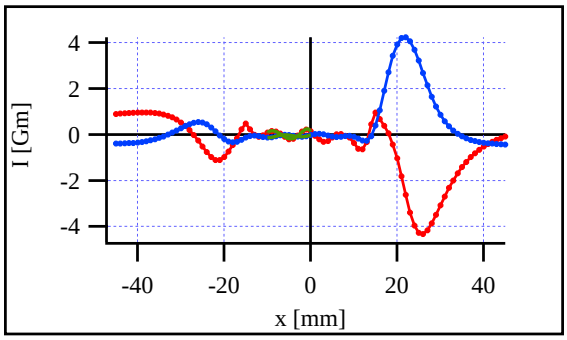
Ix(BxC) : -20.8 Gcm Ix(Bx) : 24.2 G cm

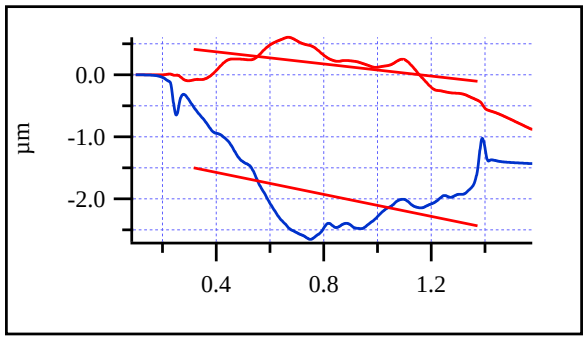
H Dipole : -18.3 G cm IIx(sBx) : 0.0680 G m^2 I3 : 0.4040 A

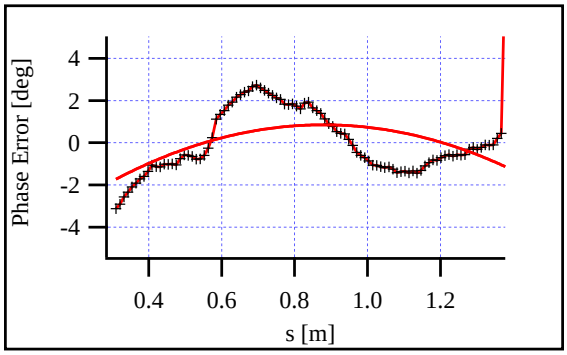
H Quadrupole : -40.8 G IIz(sBz): -0.1259 G m^2 I4 : 1.2156 A

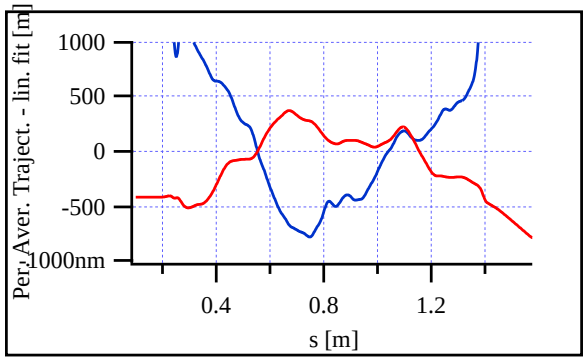
H Sextupole : 462.2 G/cm BzTrj RMS dev. : 0.5 um

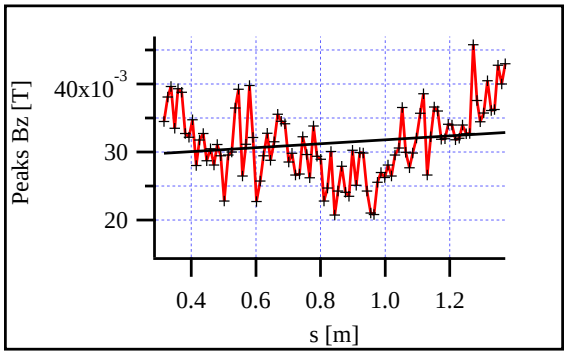
BxTrj RMS dev. : 0.2 um

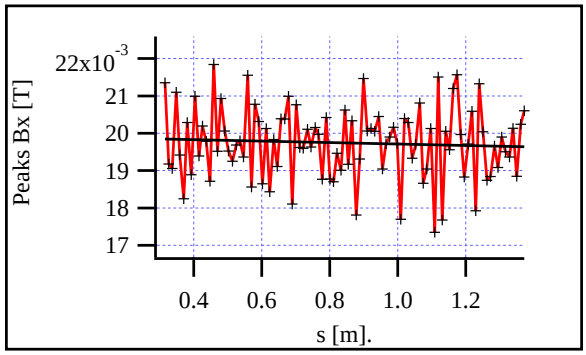












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