Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz197,Bx197,Izmes29,Ixmes29

Gap [mm] : 200

Phase [mm] : 2 Hall Z [mm] : 0 Peak Field Bx: 0.00876 T RMS Phase Error : 3.45 deg

Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 11.1 % Fund. En. (B2E) : 1928.5 eV = 0.6 nm

Peak Field Bz: 0.69550 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.2 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -0.037 G/m Bz Taper : -10.388 G/m

Krms : 1.011

V Dipole : -14.7 G cm Iz(coil) : -14.4 G cm Pred. C.C. currents

V Quadrupole : -2.4 G Iz(BzC): -14.4 Gcm Iz(Bz) : 86.9 G cm I1 : 1.7036 A

V Sextupole : -55.3 G/cm Ix(coil) : -17.5 G cm I2 : -0.8364 A

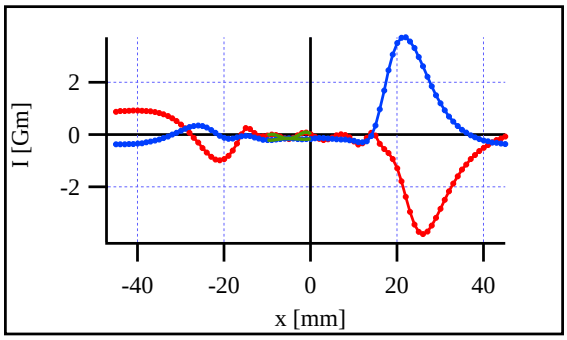
Ix(BxC) : -17.5 Gcm Ix(Bx) : 340.0 G cm

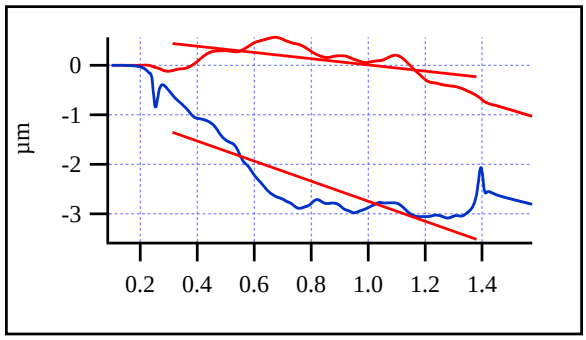
H Dipole : -15.5 G cm IIx(sBx) : 0.0282 G m^2 I3 : 0.4976 A

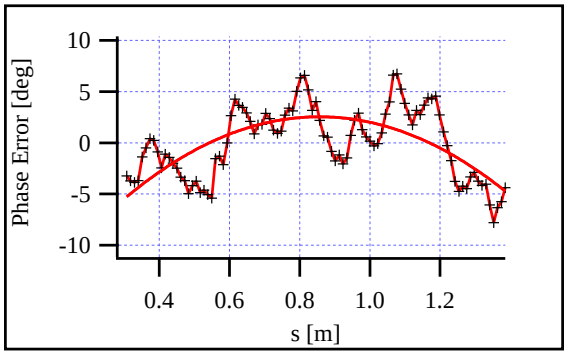
H Quadrupole : 9.1 G IIz(sBz): -0.1723 G m^2 I4 : 0.6951 A

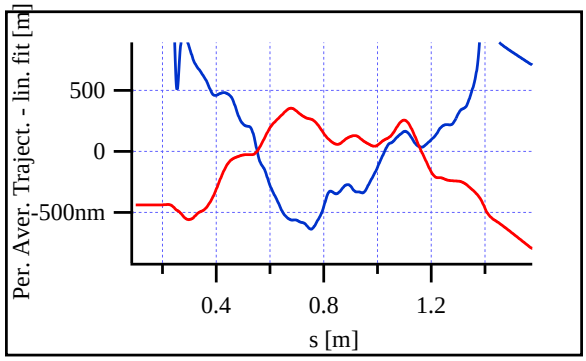
H Sextupole : 260.0 G/cm BzTrj RMS dev. : 0.4 um

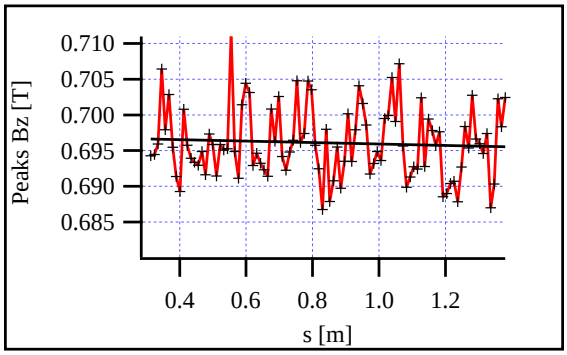
BxTrj RMS dev. : 0.2 um

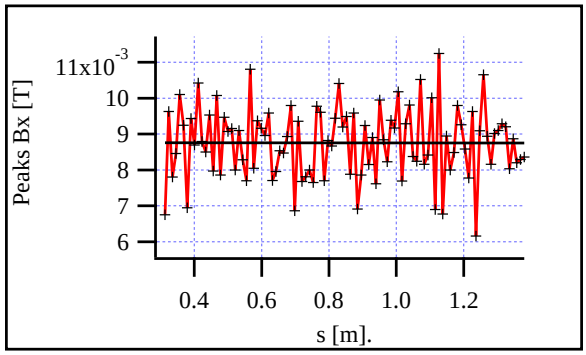












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