Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz345,Bx345,Izmes9,Ixmes9

Gap [mm] : 200

Phase [mm] : 4 Hall Z [mm] : -1 Peak Field Bx: 0.05590 T RMS Phase Error : 9.15 deg

Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 5.4 % Fund. En. (B2E) : 2087.1 eV = 0.6 nm

Peak Field Bz: 0.62515 T Radiation wavelength (lin. fit): 0.6 nm

Undulator Period : 22.00+-0.04 mm Delta Bz/Bz : 1.3 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : 2.359 G/m Bz Taper : 8.963 G/m

Krms : 0.912

V Dipole : -33.3 G cm Iz(coil) : -30.4 G cm Pred. C.C. currents

V Quadrupole : -16.9 G Iz(BzC): -30.4 Gcm Iz(Bz) : 49.9 G cm I1 : -1.0156 A

V Sextupole : 275.8 G/cm Ix(coil) : -24.1 G cm I2 : -4.5061 A

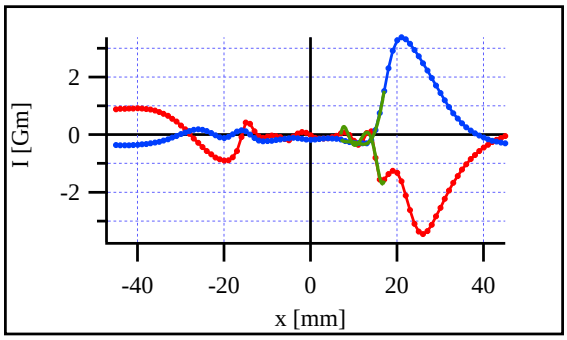
Ix(BxC) : -24.1 Gcm Ix(Bx) : 549.2 G cm

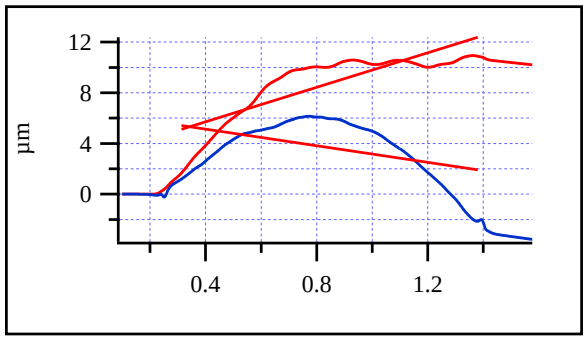
H Dipole : -6.7 G cm IIx(sBx) : 1.2026 G m^2 I3 : 4.9010 A

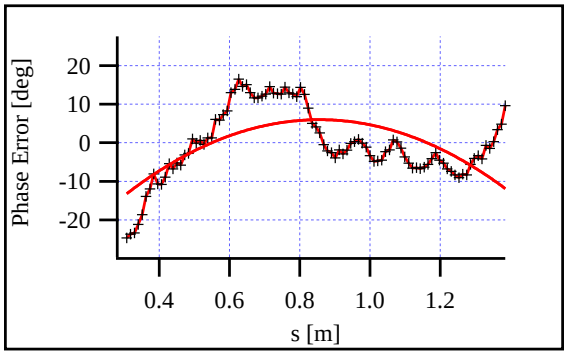
H Quadrupole : 242.6 G IIz(sBz): -0.1289 G m^2 I4 : 3.4587 A

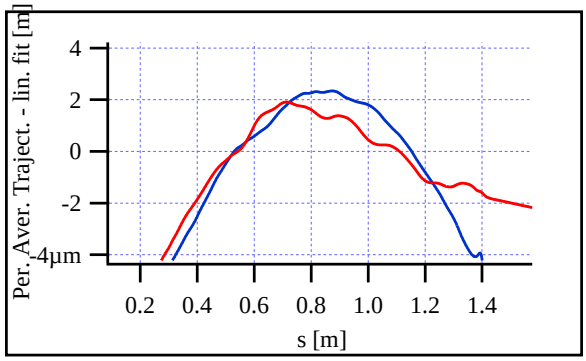
H Sextupole : -452.3 G/cm BzTrj RMS dev. : 2.0 um

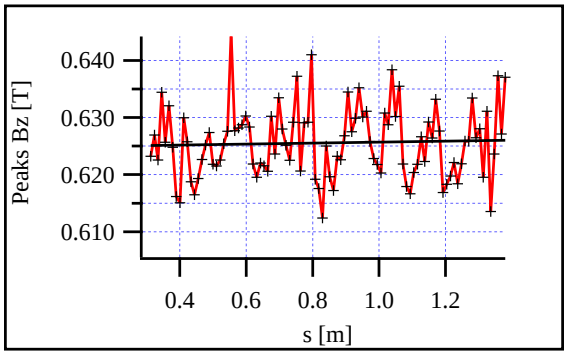
BxTrj RMS dev. : 1.4 um

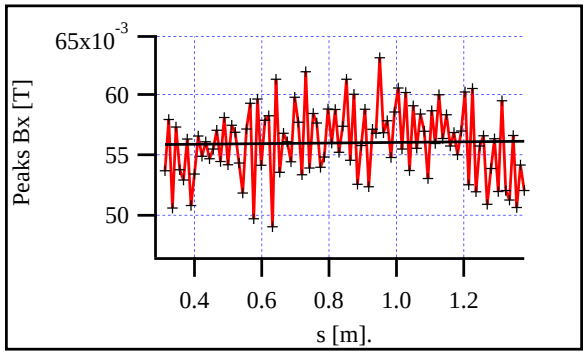












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