Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz347,Bx347,Izmes11,Ixmes11

Gap [mm] : 200

Phase [mm] : 5 Hall Z [mm] : -1 Peak Field Bx: 0.06325 T RMS Phase Error : 9.19 deg

Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 4.7 % Fund. En. (B2E) : 2219.9 eV = 0.6 nm

Peak Field Bz: 0.58107 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 : 1.143 G/m Bz Taper : 9.832 G/m

Krms : 0.849

V Dipole : -32.4 G cm Iz(coil) : -30.1 G cm Pred. C.C. currents

V Quadrupole : -13.9 G Iz(BzC): -30.1 Gcm Iz(Bz) : 35.6 G cm I1 : -1.1033 A

V Sextupole : 282.1 G/cm Ix(coil) : -20.9 G cm I2 : -4.6353 A

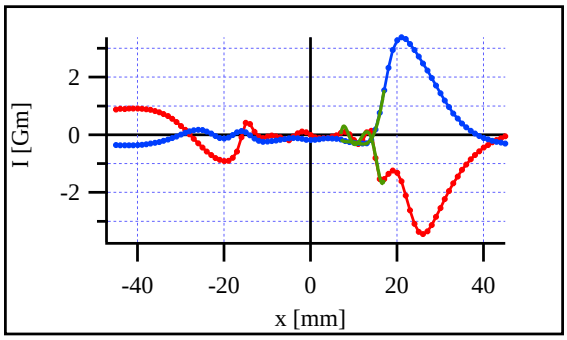
Ix(BxC) : -20.9 Gcm Ix(Bx) : 617.2 G cm

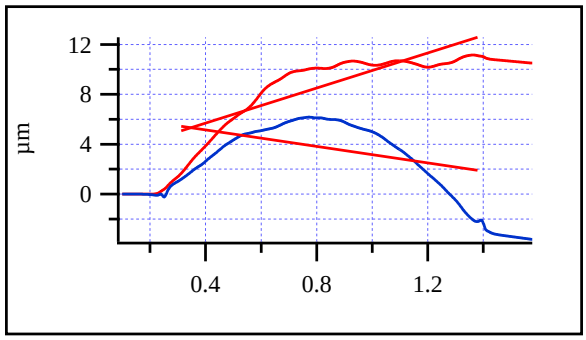
H Dipole : -3.7 G cm IIx(sBx) : 1.2076 G m^2 I3 : 4.7751 A

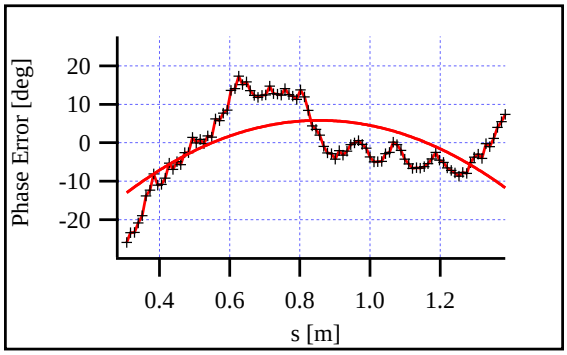
H Quadrupole : 237.2 G IIz(sBz): -0.1374 G m^2 I4 : 3.4263 A

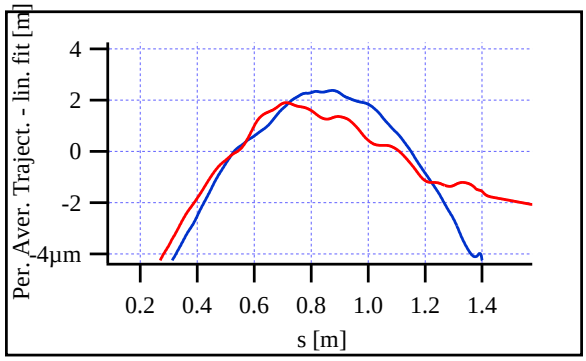
H Sextupole : -467.3 G/cm BzTrj RMS dev. : 2.0 um

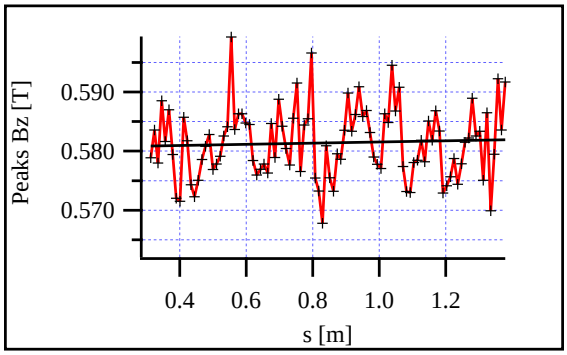
BxTrj RMS dev. : 1.3 um

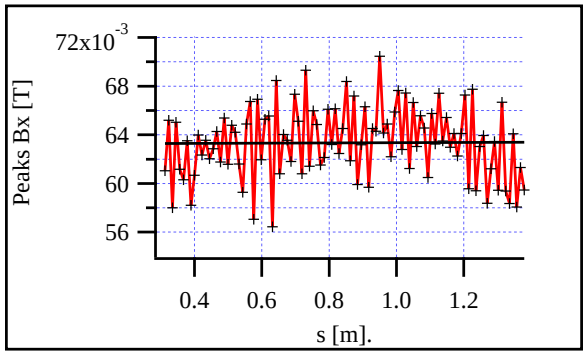












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