Kyma Analysis Report

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

Filename : 1991d-TPF-UFCM_20200508

Waves analysed : Bz323,Bx323,Izmes35,Ixmes35

Gap [mm] : 200

Phase [mm] : 5 Hall Z [mm] : 0 Peak Field Bx: 0.03038 T RMS Phase Error : 13.87 deg

Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 8.7 % Fund. En. (B2E) : 2521.1 eV = 0.5 nm

Peak Field Bz: 0.49107 T Radiation wavelength (lin. fit): 0.5 nm

Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.2 % Peaks used : 102

e-beam energy : 3 GeV Bx Taper : -1.131 G/m Bz Taper : 13.696 G/m

Krms : 0.715

V Dipole : -28.2 G cm Iz(coil) : -26.9 G cm Pred. C.C. currents

V Quadrupole : 3.8 G Iz(BzC): -26.9 Gcm Iz(Bz) : 45.2 G cm I1 : -1.0119 A

V Sextupole : 434.8 G/cm Ix(coil) : -27.7 G cm I2 : -4.2668 A

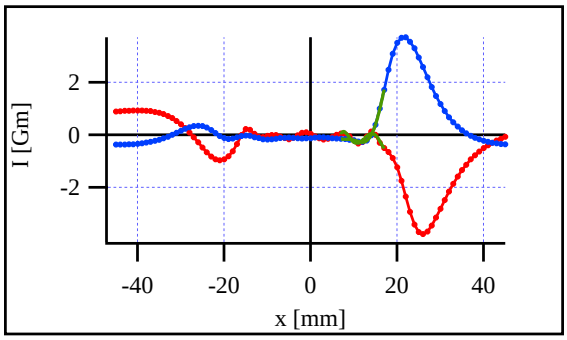
Ix(BxC) : -27.7 Gcm Ix(Bx) : 625.2 G cm

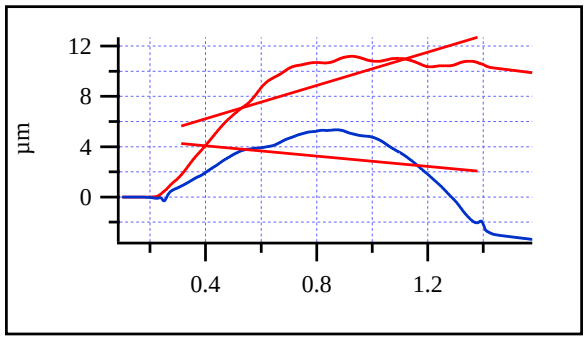
H Dipole : -20.5 G cm IIx(sBx) : 1.1975 G m^2 I3 : 4.8280 A

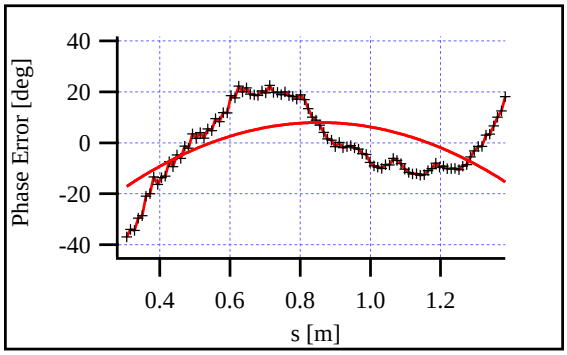
H Quadrupole : 150.0 G IIz(sBz): -0.1349 G m^2 I4 : 3.7165 A

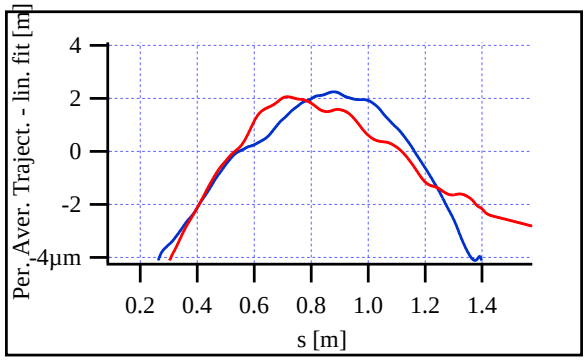
H Sextupole : 260.1 G/cm BzTrj RMS dev. : 1.8 um

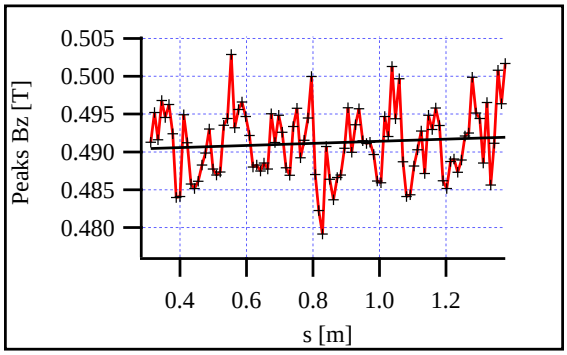
BxTrj RMS dev. : 1.6 um

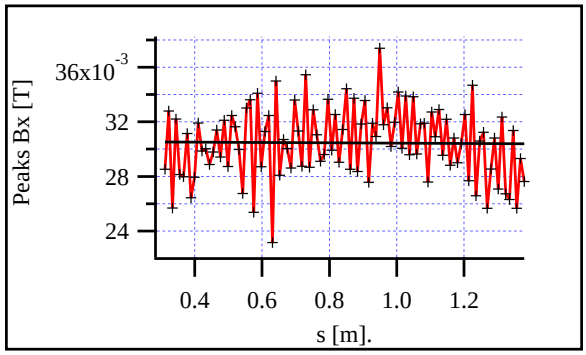












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