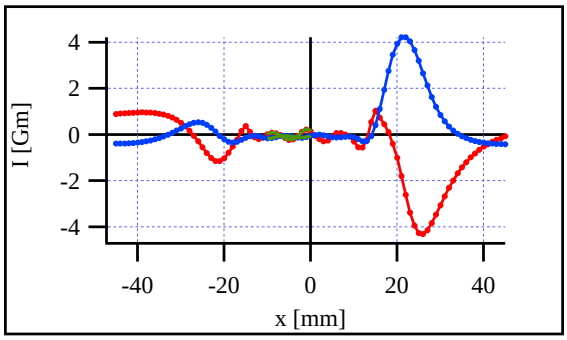
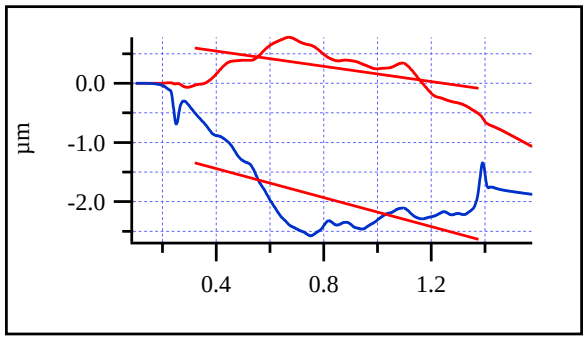
Kyma Analysis Report

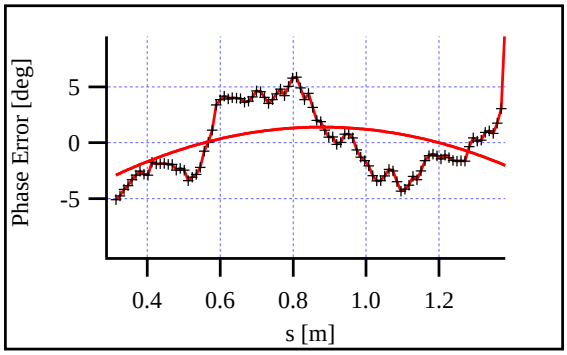
Name : 1991d Date : 8. maj 2020 Temperature : 23.0
Filename : 1991d-TPF-UFCM_20200508
Waves analysed : Bz235,Bx235,Izmes67,Ixmes67
Gap [mm] : 200

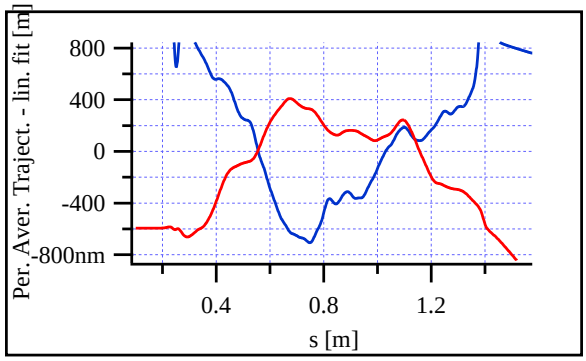
Phase [mm] : 9 Hall Z [mm] : 1 Peak Field Bx: 0.01549 T RMS Phase Error : 3.15 deg
Taper [mm] : 0 Hall X [mm]: -5 Delta Bx/Bx : 6.1 % Fund. En. (B2E) : 3517.7 eV = 0.4 nm
Peak Field Bz: 0.22095 T Radiation wavelength (lin. fit): 0.4 nm
Undulator Period : 22.00+-0.07 mm Delta Bz/Bz : 2.0 % Peaks used : 101
e-beam energy : 3 GeV Bx Taper : -1.790 G/m Bz Taper : 7.418 G/m
Krms : 0.322

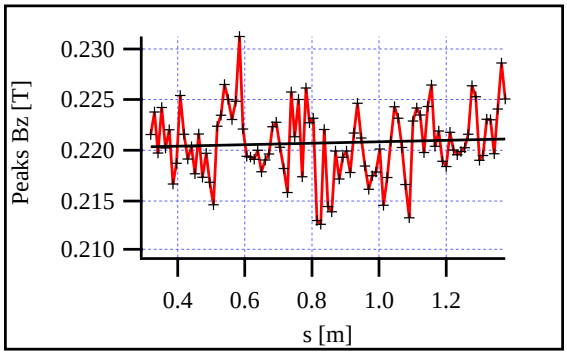
V Dipole : -6.8 G cm Iz(coil) : -6.3 G cm Pred. C.C. currents
V Quadrupole : -26.8 G Iz(BzC): -6.3 Gcm Iz(Bz) : 34.7 G cm I1 : 1.3146 A
V Sextupole : -91.8 G/cm Ix(coil) : -24.5 G cm I2 : -0.3131 A
Ix(BxC) : -24.5 Gcm Ix(Bx) : 504.6 G cm
H Dipole : -22.2 G cm IIx(sBx) : 0.0766 G m^2 I3 : 0.6405 A
H Quadrupole : -27.7 G IIz(sBz): -0.1405 G m^2 I4 : 1.2450 A
H Sextupole : 461.6 G/cm BzTrj RMS dev. : 0.4 um
BxTrj RMS dev. : 0.3 um

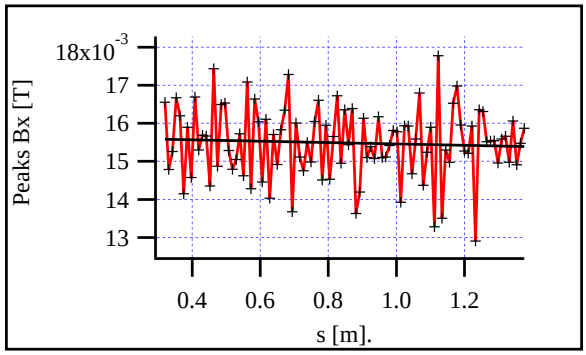












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