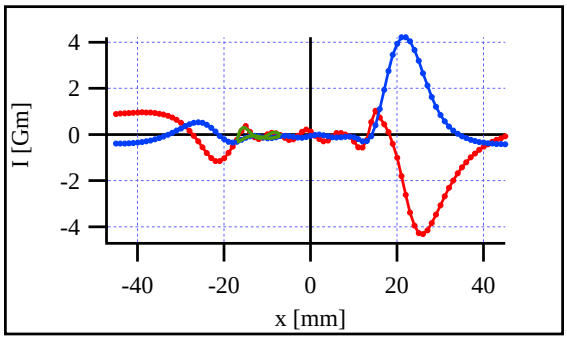
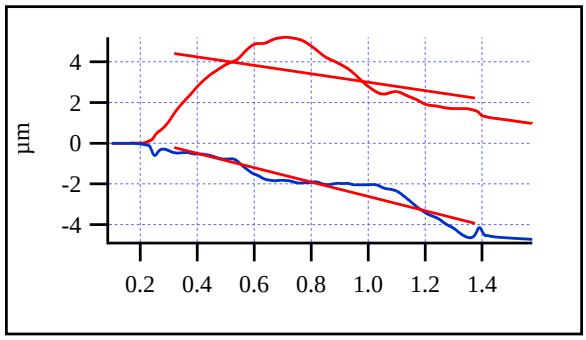
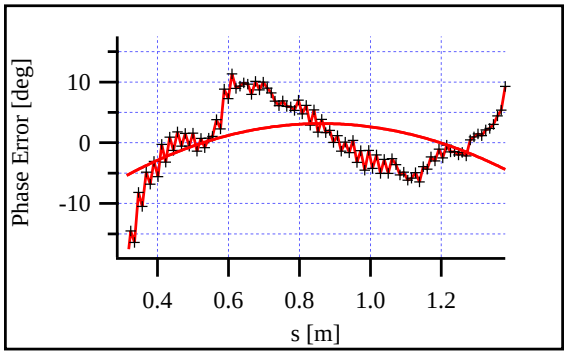
Kyma Analysis Report

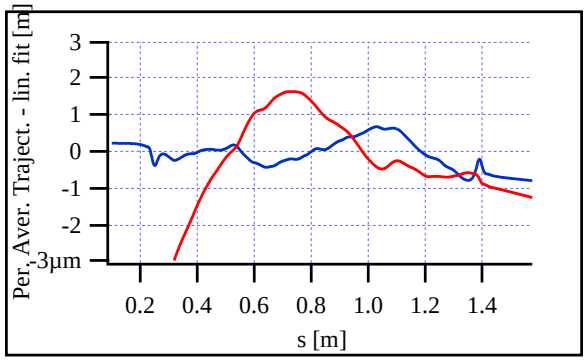
Name : 1991d Date : 8. maj 2020 Temperature : 23.0
Filename : 1991d-TPF-UFCM_20200508
Waves analysed : Bz427,Bx427,Izmes67,Ixmes67
Gap [mm] : 200
Phase [mm] : 9 Hall Z [mm] : 1 Peak Field Bx: 0.04801 T RMS Phase Error : 5.82 deg
Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 6.9 % Fund. En. (B2E) : 3522.2 eV = 0.4 nm
Peak Field Bz: 0.18679 T Radiation wavelength (lin. fit): 0.4 nm
Undulator Period : 22.00+-0.10 mm Delta Bz/Bz : 2.6 % Peaks used : 101
e-beam energy : 3 GeV
Bx Taper : -3.286 G/m Bz Taper : -1.304 G/m
Krms : 0.280

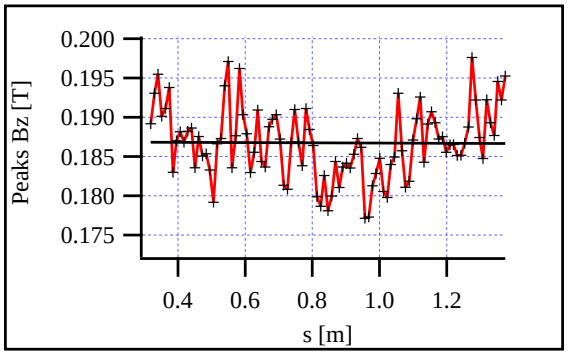
V Dipole : -8.6 G cm Iz(coil) : -8.2 G cm Pred. C.C. currents
V Quadrupole : -39.8 G Iz(BzC): -8.2 Gcm Iz(Bz) : 26.3 G cm I1 : 1.8415 A
V Sextupole : -83.5 G/cm Ix(coil) : -20.0 G cm I2 : -2.0876 A
Ix(BxC) : -20.0 Gcm Ix(Bx) : 330.2 G cm
H Dipole : -16.2 G cm IIx(sBx) : 0.2464 G m^2 I3 : 0.0004 A
H Quadrupole : -27.9 G IIz(sBz): -0.4108 G m^2 I4 : 2.5973 A
H Sextupole : 570.3 G/cm BzTrj RMS dev. : 0.4 um
BxTrj RMS dev. : 1.0 um

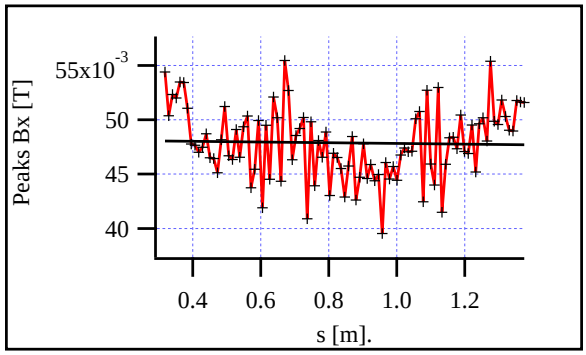












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