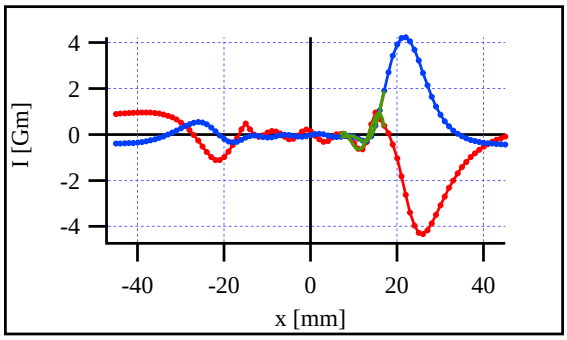
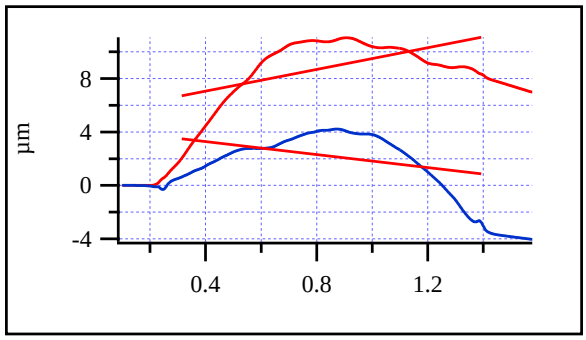
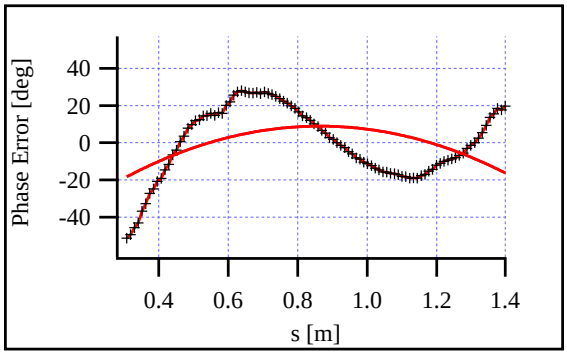
Kyma Analysis Report

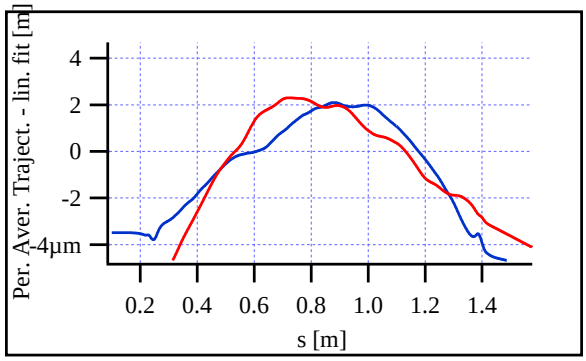
Name : 1991d Date : 8. maj 2020 Temperature : 23.0
Filename : 1991d-TPF-UFCM_20200508
Waves analysed : Bz311,Bx311,Izmes71,Ixmes71
Gap [mm] : 200
Phase [mm] : 11 Hall Z [mm] : 1 Peak Field Bx: 0.10693 T RMS Phase Error : 18.97 deg
Taper [mm] : 0 Hall X [mm]: 12 Delta Bx/Bx : 8.5 % Fund. En. (B2E) : 3687.9 eV = 0.3 nm
Peak Field Bz: 0.07438 T Radiation wavelength (lin. fit): 0.3 nm
Undulator Period : 22.00+-0.22 mm Delta Bz/Bz : 11.3 % Peaks used : 103
e-beam energy : 3 GeV Bx Taper : -12.843 G/m Bz Taper : 32.560 G/m
Krms : 0.189

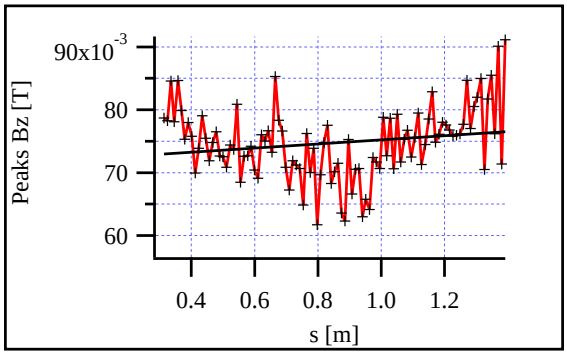
V Dipole : -27.4 G cm Iz(coil) : -26.8 G cm Pred. C.C. currents
V Quadrupole : -55.3 G Iz(BzC): -26.8 Gcm Iz(Bz) : -21.9 G cm I1 : 0.3749 A
V Sextupole : 492.0 G/cm Ix(coil) : -64.2 G cm I2 : -3.4085 A
Ix(BxC) : -64.3 Gcm Ix(Bx) : -59.9 G cm
H Dipole : -53.7 G cm IIx(sBx) : 1.1812 G m^2 I3 : 5.5827 A
H Quadrupole : 231.7 G IIz(sBz): -0.2026 G m^2 I4 : 5.0186 A
H Sextupole : 1291.4 G/cm BzTrj RMS dev. : 1.7 um
BxTrj RMS dev. : 1.8 um

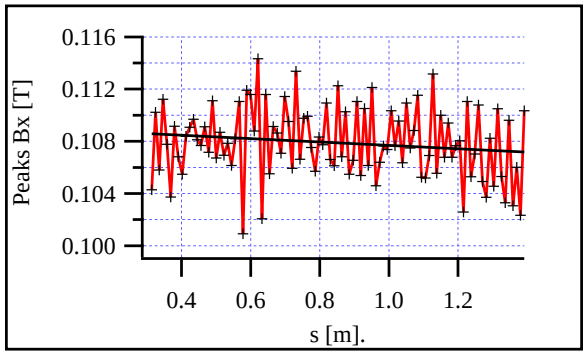












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