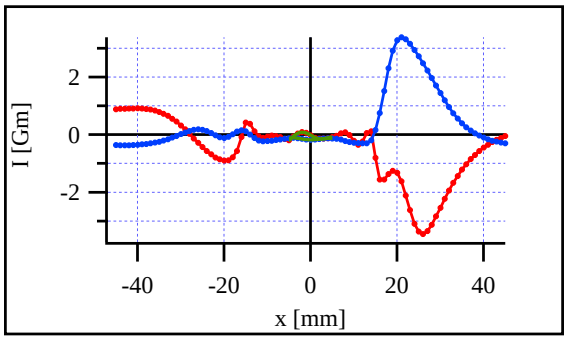
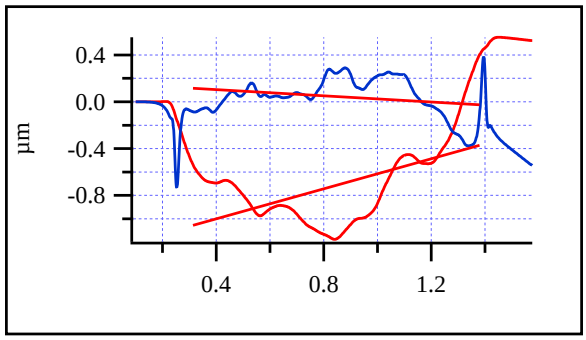
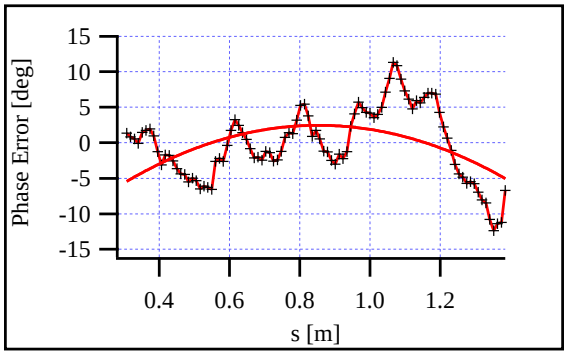
Kyma Analysis Report

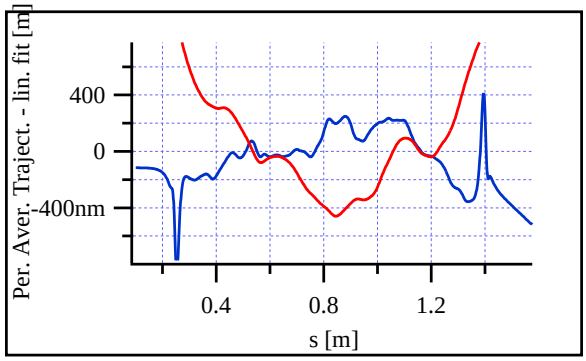
Name : 1991d Date : 8. maj 2020 Temperature : 23.0
Filename : 1991d-TPF-UFCM_20200508
Waves analysed : Bz105,Bx105,Izmes9,Ixmes9
Gap [mm] : 200
Phase [mm] : 4 Hall Z [mm] : -1 Peak Field Bx: 0.01171 T RMS Phase Error : 4.97 deg
Taper [mm] : 0 Hall X [mm]: 0 Delta Bx/Bx : 8.2 % Fund. En. (B2E) : 1868.1 eV = 0.7 nm
Peak Field Bz: 0.71216 T Radiation wavelength (lin. fit): 0.7 nm
Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.1 % Peaks used : 102
e-beam energy : 3 GeV Bx Taper : -4.042 G/m Bz Taper : -10.581 G/m
Krms : 1.035

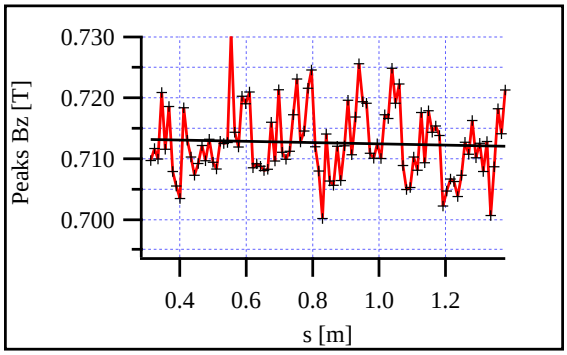
V Dipole : -17.8 G cm Iz(coil) : -18.0 G cm Pred. C.C. currents
V Quadrupole : -0.3 G Iz(BzC): -18.1 Gcm Iz(Bz) : 57.0 G cm I1 : 0.2803 A
V Sextupole : 70.5 G/cm Ix(coil) : -2.7 G cm I2 : -0.5397 A
Ix(BxC) : -2.7 Gcm Ix(Bx) : 743.7 G cm
H Dipole : -1.8 G cm IIx(sBx) : 0.0727 G m^2 I3 : 1.3436 A
H Quadrupole : -83.2 G IIz(sBz): 0.0810 G m^2 I4 : -0.7634 A
H Sextupole : -34.6 G/cm BzTrj RMS dev. : 0.2 um
BxTrj RMS dev. : 0.3 um

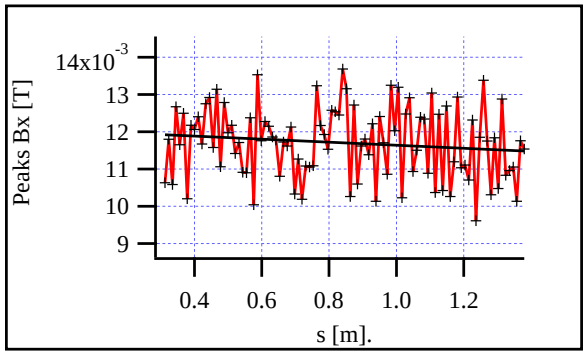












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