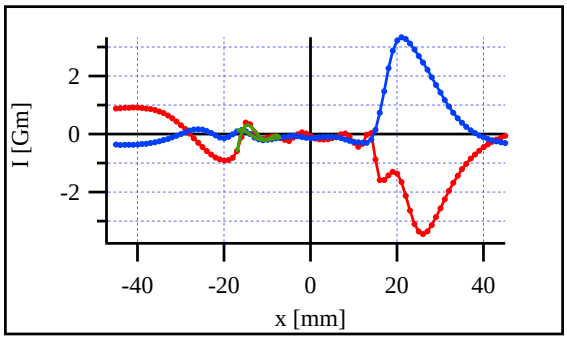
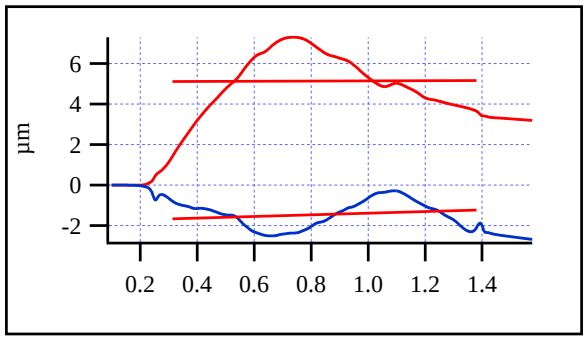
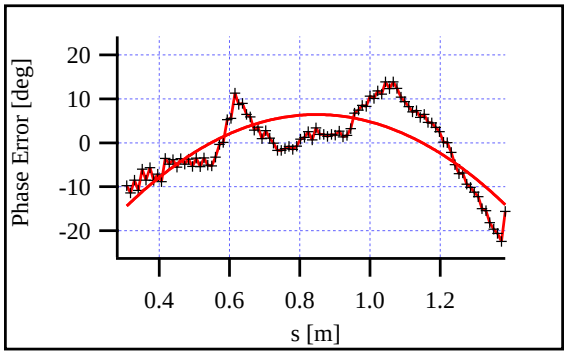
Kyma Analysis Report

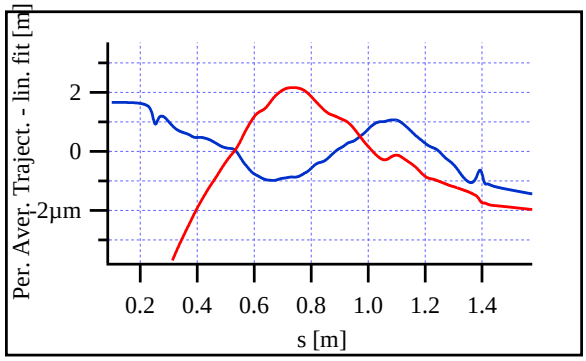
Name : 1991d Date : 8. maj 2020 Temperature : 23.0
Filename : 1991d-TPF-UFCM_20200508
Waves analysed : Bz379,Bx379,Izmes19,Ixmes19
Gap [mm] : 200
Phase [mm] : 9 Hall Z [mm] : -1 Peak Field Bx: 0.10868 T RMS Phase Error : 8.05 deg
Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 2.3 % Fund. En. (B2E) : 3008.9 eV = 0.4 nm
Peak Field Bz: 0.34783 T Radiation wavelength (lin. fit): 0.4 nm
Undulator Period : 22.00+-0.07 mm Delta Bz/Bz : 2.1 % Peaks used : 102
e-beam energy : 3 GeV Bx Taper : -8.867 G/m Bz Taper : -6.139 G/m
Krms : 0.530

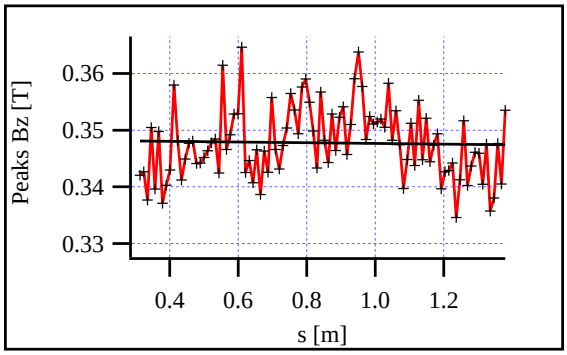
V Dipole : -17.6 G cm Iz(coil) : -18.0 G cm Pred. C.C. currents
V Quadrupole : -51.2 G Iz(BzC): -18.0 Gcm Iz(Bz) : -8.0 G cm I1 : 0.4176 A
V Sextupole : 199.9 G/cm Ix(coil) : -10.6 G cm I2 : -2.0959 A
Ix(BxC) : -10.6 Gcm Ix(Bx) : 336.7 G cm
H Dipole : -4.7 G cm IIx(sBx) : 0.3994 G m^2 I3 : 1.6686 A
H Quadrupole : -159.2 G IIz(sBz): -0.1327 G m^2 I4 : 1.2630 A
H Sextupole : 325.3 G/cm BzTrj RMS dev. : 0.7 um
BxTrj RMS dev. : 1.4 um

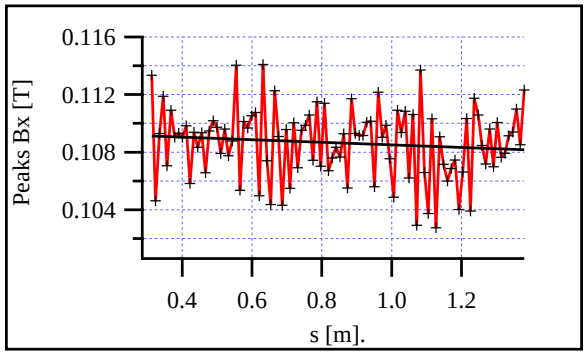












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