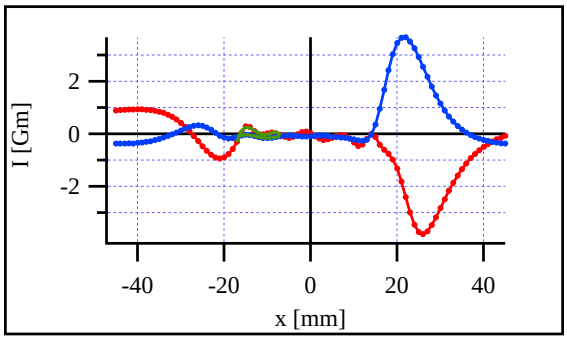
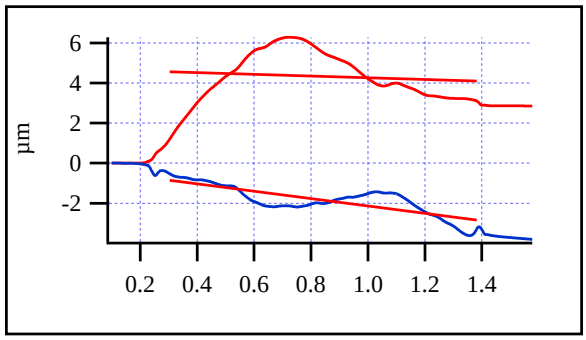
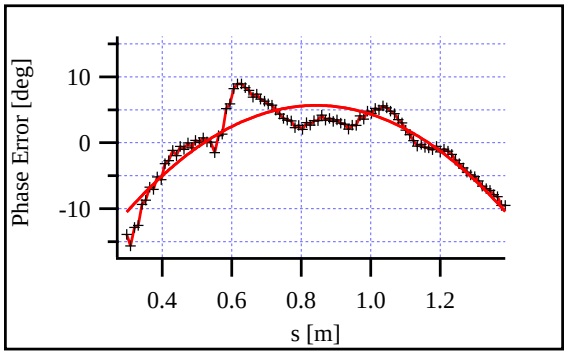
Kyma Analysis Report

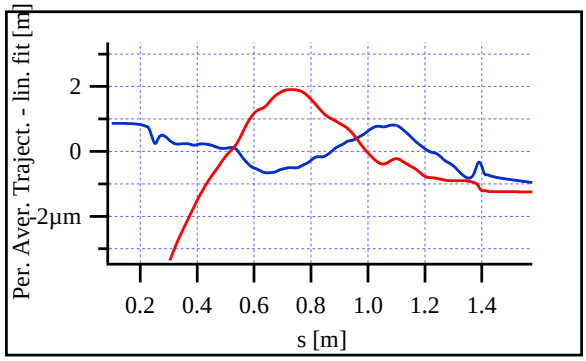
Name : 1991d Date : 8. maj 2020 Temperature : 23.0
Filename : 1991d-TPF-UFCM_20200508
Waves analysed : Bz407,Bx407,Izmes47,Ixmes47
Gap [mm] : 200
Phase [mm] : 11 Hall Z [mm] : 0 Peak Field Bx: 0.10987 T RMS Phase Error : 5.35 deg
Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 2.3 % Fund. En. (B2E) : 3711.7 eV = 0.3 nm
Peak Field Bz: 0.08369 T Radiation wavelength (lin. fit): 0.3 nm
Undulator Period : 22.00+-0.18 mm Delta Bz/Bz : 15.2 % Peaks used : 103
e-beam energy : 3 GeV Bx Taper : 1.865 G/m Bz Taper : 6.257 G/m
Krms : 0.201

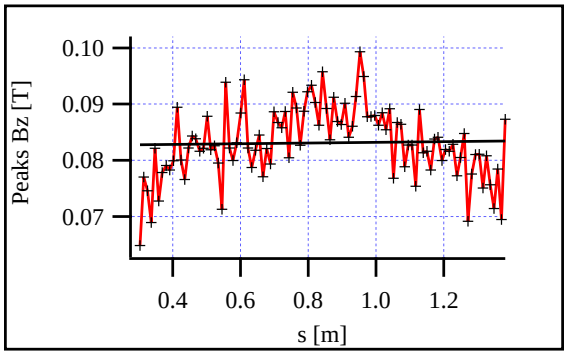
V Dipole : -12.1 G cm Iz(coil) : -11.9 G cm Pred. C.C. currents
V Quadrupole : -36.8 G Iz(BzC): -11.9 Gcm Iz(Bz) : 8.5 G cm I1 : 0.8256 A
V Sextupole : 40.5 G/cm Ix(coil) : -1.1 G cm I2 : -2.4586 A
Ix(BxC) : -1.1 Gcm Ix(Bx) : -37.4 G cm
H Dipole : 2.9 G cm IIx(sBx) : 0.2941 G m^2 I3 : 0.2027 A
H Quadrupole : -80.8 G IIz(sBz): -0.2921 G m^2 I4 : 1.5589 A
H Sextupole : 235.6 G/cm BzTrj RMS dev. : 0.5 um
BxTrj RMS dev. : 1.2 um

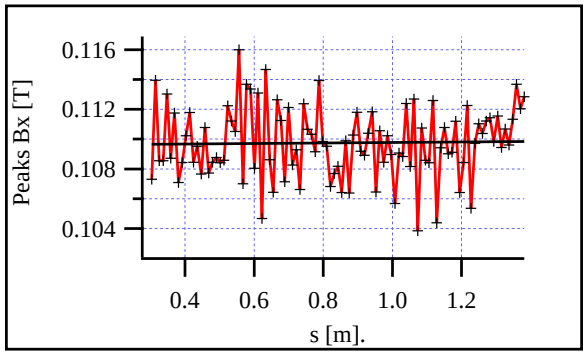












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