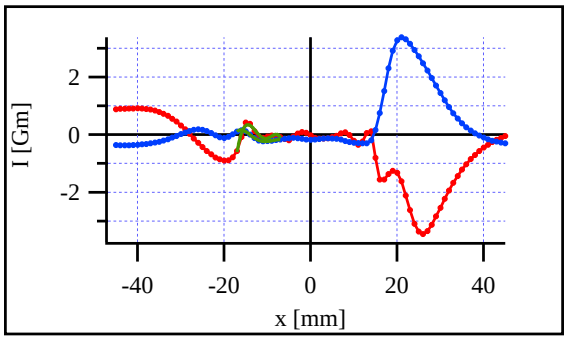
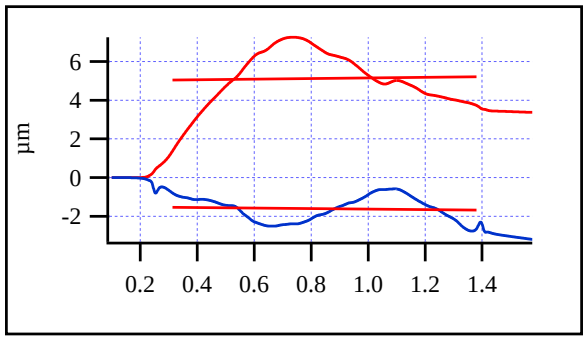
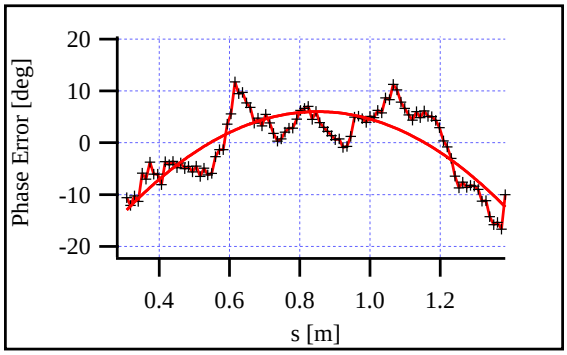
Kyma Analysis Report

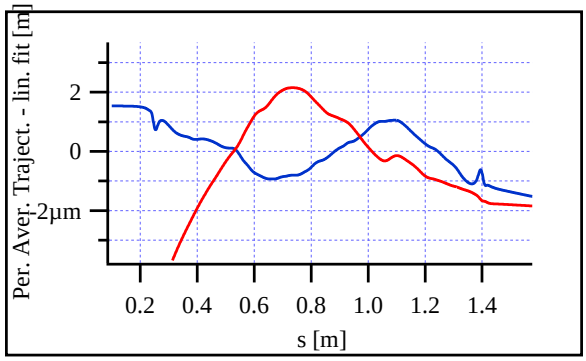
Name : 1991d Date : 8. maj 2020 Temperature : 23.0
Filename : 1991d-TPF-UFCM_20200508
Waves analysed : Bz369,Bx369,Izmes9,Ixmes9
Gap [mm] : 200
Phase [mm] : 4 Hall Z [mm] : -1 Peak Field Bx: 0.06456 T RMS Phase Error : 6.81 deg
Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 3.8 % Fund. En. (B2E) : 2156.8 eV = 0.6 nm
Peak Field Bz: 0.60819 T Radiation wavelength (lin. fit): 0.6 nm
Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.3 % Peaks used : 102
e-beam energy : 3 GeV Bx Taper : -14.857 G/m Bz Taper : -8.353 G/m
Krms : 0.889

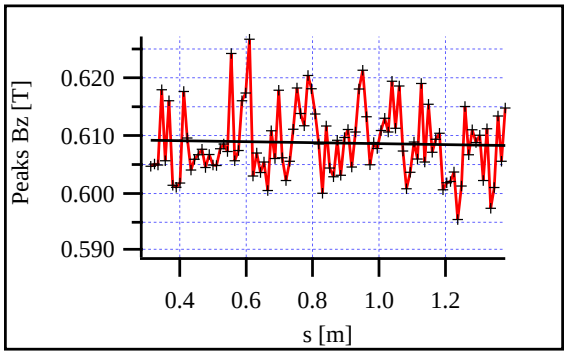
V Dipole : -19.4 G cm Iz(coil) : -20.3 G cm Pred. C.C. currents
V Quadrupole : -60.3 G Iz(BzC): -20.3 Gcm Iz(Bz) : 14.6 G cm I1 : 0.5598 A
V Sextupole : 205.9 G/cm Ix(coil) : -5.7 G cm I2 : -2.4175 A
Ix(BxC) : -5.7 Gcm Ix(Bx) : 594.7 G cm
H Dipole : 0.4 G cm IIx(sBx) : 0.3805 G m^2 I3 : 1.4244 A
H Quadrupole : -157.9 G IIz(sBz): -0.1676 G m^2 I4 : 1.1098 A
H Sextupole : 303.1 G/cm BzTrj RMS dev. : 0.6 um
BxTrj RMS dev. : 1.4 um

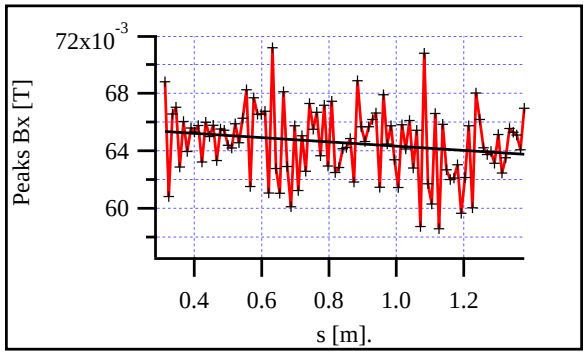












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