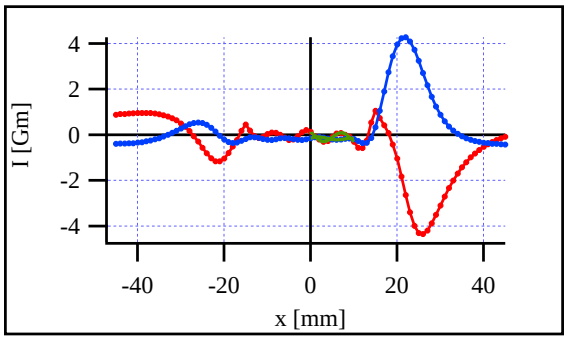
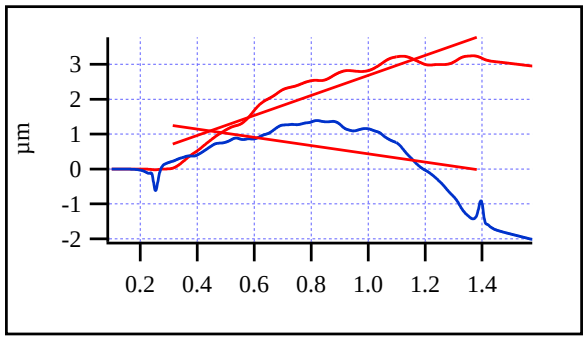
Kyma Analysis Report

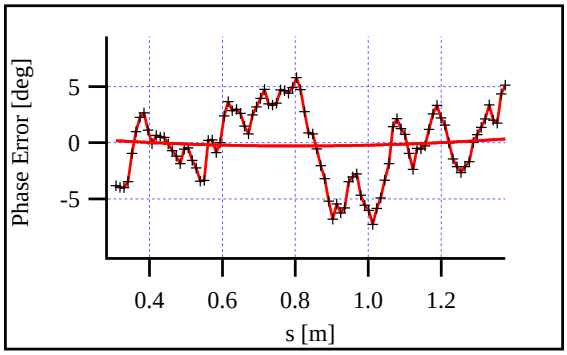
Name : 1991d Date : 8. maj 2020 Temperature : 23.0
Filename : 1991d-TPF-UFCM_20200508
Waves analvsed : Bz265,Bx265,Izmes49,Ixmes49
Gap [mm] : 200

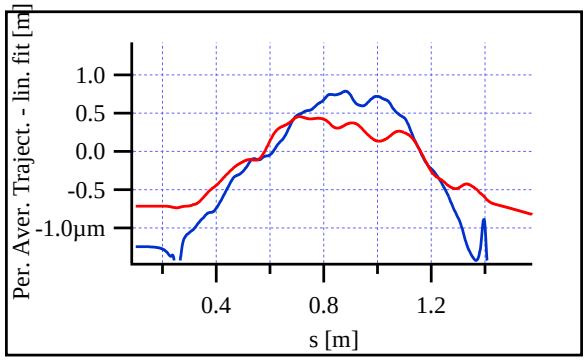
Phase [mm] : 0 Hall Z [mm] : 1 Peak Field Bx: 0.00639 T RMS Phase Error : 3.14 deg
Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 17.6 % Fund. En. (B2E) : 1923.3 eV = 0.6 nm
Peak Field Bz: 0.69394 T Radiation wavelength (lin. fit): 0.6 nm
Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 0.8 % Peaks used : 101
e-beam energy : 3 GeV Bx Taper : -1.836 G/m Bz Taper : 7.888 G/m
Krms : 1.008

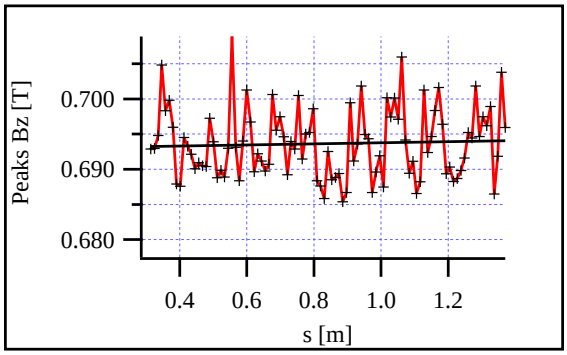
V Dipole : -20.2 G cm Iz(coil) : -20.7 G cm Pred. C.C. currents
V Quadrupole : -29.5 G Iz(BzC): -20.7 Gcm Iz(Bz) : 61.8 G cm I1 : 0.2471 A
V Sextupole : 106.7 G/cm Ix(coil) : -10.0 G cm I2 : -1.7963 A
Ix(BxC) : -10.0 Gcm Ix(Bx) : -166.2 G cm
H Dipole : -11.4 G cm IIx(sBx) : 0.3706 G m^2 I3 : 2.0213 A
H Quadrupole : 144.5 G IIz(sBz): -0.0459 G m^2 I4 : 0.7072 A
H Sextupole : 27.8 G/cm BzTrj RMS dev. : 0.6 um
BxTrj RMS dev. : 0.3 um

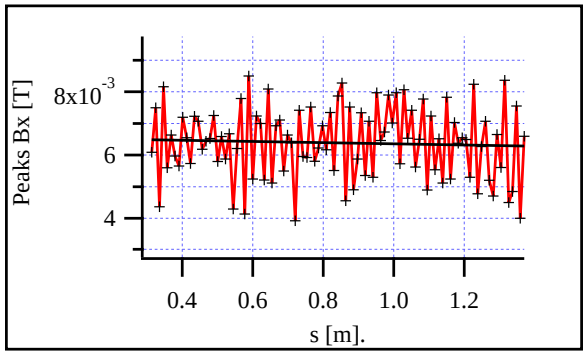












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