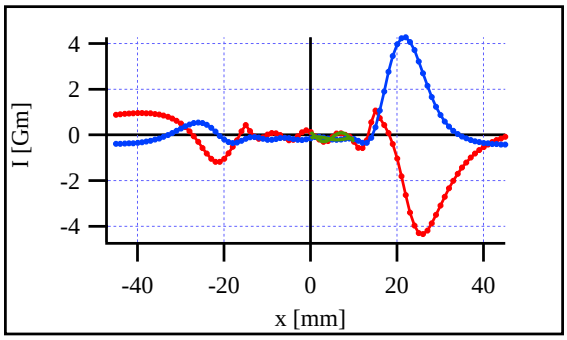
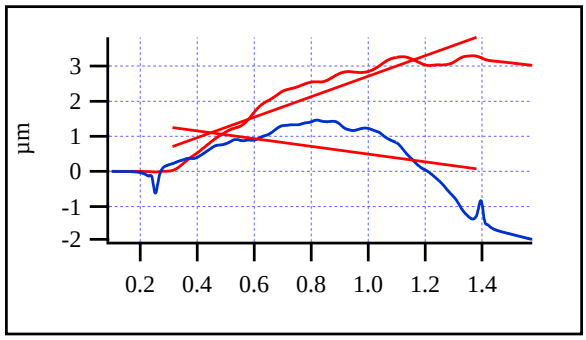
Kyma Analysis Report

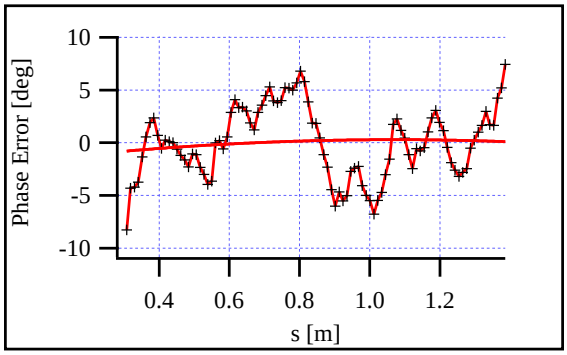
Name : 1991d Date : 8. maj 2020 Temperature : 23.0
Filename : 1991d-TPF-UFCM_20200508
Waves analysed : Bz267,Bx267,Izmes51,Ixmes51
Gap [mm] : 200

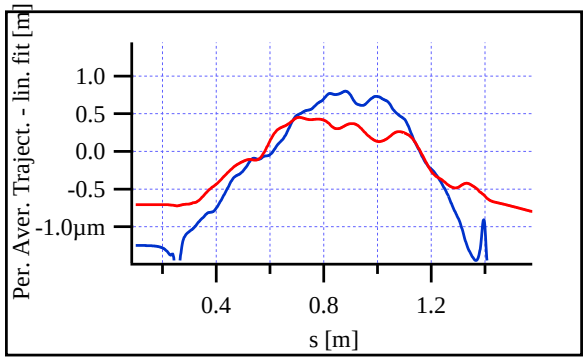
Phase [mm] : 1 Hall Z [mm] : 1 Peak Field Bx: 0.00797 T RMS Phase Error : 3.35 deg
Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 14.3 % Fund. En. (B2E) : 1925.0 eV = 0.6 nm
Peak Field Bz: 0.69126 T Radiation wavelength (lin. fit): 0.6 nm
Undulator Period : 22.00+-0.02 mm Delta Bz/Bz : 1.3 % Peaks used : 102
e-beam energy : 3 GeV Bx Taper : -2.212 G/m Bz Taper : 0.266 G/m
Krms : 1.004

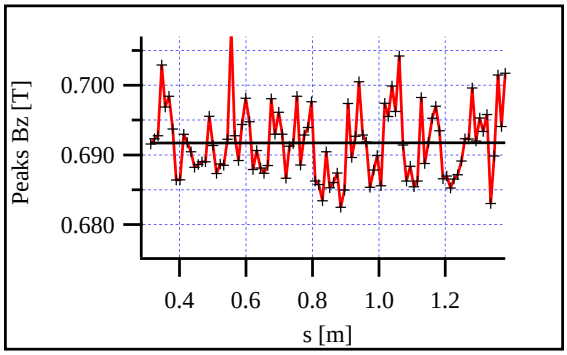
V Dipole : -19.7 G cm Iz(coil) : -20.2 G cm Pred. C.C. currents
V Quadrupole : -29.3 G Iz(BzC): -20.2 Gcm Iz(Bz) : 71.2 G cm I1 : 0.1879 A
V Sextupole : 106.8 G/cm Ix(coil) : -9.5 G cm I2 : -1.7849 A
Ix(BxC) : -9.5 Gcm Ix(Bx) : 89.8 G cm
H Dipole : -11.1 G cm IIx(sBx) : 0.3734 G m^2 I3 : 2.0060 A
H Quadrupole : 144.7 G IIz(sBz): -0.0424 G m^2 I4 : 0.7068 A
H Sextupole : 27.2 G/cm BzTrj RMS dev. : 0.6 um
BxTrj RMS dev. : 0.3 um

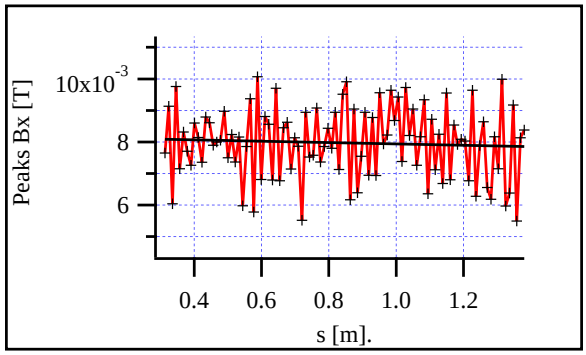












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