

Kyma Analysis Report

Name : 1991d Date : 8. maj 2020 Temperature : 23.0
 Filename : 1991d-TPF-UFCM_20200508
 Waves analysed : Bz411,Bx411,Izmes51,Ixmes51
 Gap [mm] : 200
 Phase [mm] : 1 Hall Z [mm] : 1 Peak Field Bx: 0.00306 T RMS Phase Error : 3.62 deg
 Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 63.0 % Fund. En. (B2E) : 2130.3 eV = 0.6 nm
 Peak Field Bz: 0.61926 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 : 14.456 G/m Bz Taper : 3.682 G/m
 Krms : 0.900
 V Dipole : -12.1 G cm Iz(coil) : -11.2 G cm Pred. C.C. currents
 V Quadrupole : -44.4 G Iz(BzC) : -11.2 Gcm Iz(Bz) : 59.6 G cm I1 : 1.7547 A
 V Sextupole : -93.0 G/cm Ix(coil) : -16.9 G cm I2 : -2.2531 A
 H Dipole : -12.5 G cm Ix(BxC) : -16.9 Gcm Ix(Bx) : 146.3 G cm
 H Quadrupole : -43.6 G IIx(sBx) : 0.2588 G m² I3 : 0.1464 A
 H Sextupole : 561.0 G/cm IIZ(sBz) : -0.3905 G m² I4 : 2.3426 A
 BzTrj RMS dev. : 0.4 um
 BxTrj RMS dev. : 1.1 um

