

Kyma Analysis Report

Name : 1991b Date : 24. feb 2020 Temperature : 23.0
 Filename : 1991b-TPF-UFCM_20200224
 Waves analysed : Bz363,Bx363,Izmes6,Ixmes6
 Gap [mm] : 200
 Phase [mm] : 1 Hall Z [mm] : 0 Peak Field Bx: 0.00268 T RMS Phase Error : 3.51 deg
 Taper [mm] : 0 Hall X [mm]: -12 Delta Bx/Bx : 57.4 % Fund. En. (B2E) : 2168.3 eV = 0.6 nm
 Peak Field Bz: 0.60954 T Radiation wavelength (lin. fit): 0.6 nm
 Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.4 % Peaks used : 103
 e-beam energy : 3 GeV Bx Taper : 13.737 G/m Bz Taper : -0.049 G/m
 Krms : 0.886
 V Dipole : -6.8 G cm Iz(coil) : -6.6 G cm Pred. C.C. currents
 V Quadrupole : 2.1 G Iz(BzC) : -6.6 Gcm Iz(Bz) : 9.0 G cm I1 : -0.3729 A
 V Sextupole : -175.2 G/cm Ix(coil) : 11.4 G cm I2 : 0.5458 A
 H Dipole : -4.1 G cm Ix(BxC) : 11.4 Gcm Ix(Bx) : 220.2 G cm
 H Quadrupole : 141.7 G Iix(sBx) : -0.1465 G m² I3 : 0.2385 A
 H Sextupole : 620.4 G/cm Iiz(sBz) : 0.1834 G m² I4 : -1.7563 A
 BzTrj RMS dev. : 0.4 um
 BxTrj RMS dev. : 0.8 um

