

Kyma Analysis Report

Name : 1991d Date : 8. maj 2020 Temperature : 23.0
 Filename : 1991d-TPF-UFCM_20200508
 Waves analysed : Bz127,Bx127,Izmes7,Ixmes7
 Gap [mm] : 200
 Phase [mm] : 3 Hall Z [mm] : -1 Peak Field Bx: 0.01559 T RMS Phase Error : 4.67 deg
 Taper [mm] : 0 Hall X [mm]: 5 Delta Bx/Bx : 8.2 % Fund. En. (B2E) : 1773.4 eV = 0.7 nm
 Peak Field Bz: 0.74849 T Radiation wavelength (lin. fit): 0.7 nm
 Undulator Period : 22.00+-0.03 mm Delta Bz/Bz : 1.2 % Peaks used : 102
 e-beam energy : 3 GeV Bx Taper : -3.486 G/m Bz Taper : -3.206 G/m
 Krms : 1.088
 V Dipole : -11.5 G cm Iz(coil) : -11.6 G cm Pred. C.C. currents
 V Quadrupole : -6.8 G Iz(BzC): -11.6 Gcm Iz(Bz) : 86.0 G cm I1 : -0.7039 A
 V Sextupole : -76.5 G/cm Ix(coil) : -11.6 G cm I2 : -0.8548 A
 H Dipole : -11.7 G cm Ix(BxC) : -11.6 Gcm Ix(Bx) : 543.5 G cm
 H Quadrupole : 52.8 G IIx(sBx) : 0.3887 G m^2 I3 : 2.3320 A
 H Sextupole : 85.9 G/cm IIZ(sBz): 0.0998 G m^2 I4 : 0.5958 A
 BzTrj RMS dev. : 0.8 um
 BxTrj RMS dev. : 0.1 um

