Kyma Analysis Report

Date: 8. maj 2020 Name: 1991d Temperature: 23.0

Filename: 1991d-TPF-UFCM 20200508

Waves analysed : Bz309,Bx309,Izmes69,Ixmes69 Gap [mm] : 200

V Sextupole: 508.0 G/cm

Phase [mm]: 10 Hall Z [mm]: 1 Peak Field Bx: 0.05378 T RMS Phase Error: 18.07 deg

Taper [mm]: 0 Hall X [mm]: 12 Delta Bx/Bx: 7.8 %

Peak Field Bz: 0.11651 T

Undulator Period: 22.00+-0.15 mm Delta Bz/Bz: 4.6 %

e-beam energy: 3 GeV Bx Taper : 0.025 G/m

Krms: 0.186

V Dipole: -31.0 G cm Iz(coil): -30.7 G cm Iz(BzC): -30.7 Gcm Iz(Bz): -13.5 G cm V Quadrupole: -52.3 G

Ix(coil): -62.9 G cm

Ix(BxC): -62.9 Gcm Ix(Bx): 143.7 G cm

H Dipole: -52.1 G cm IIx(sBx): 1.1569 G m² H Quadrupole: 237.7 G IIz(sBz): -0.2106 G m^2

H Sextupole: 1297.1 G/cm BzTrj RMS dev.: 1.6 um BxTrj RMS dev.: 1.7 um

I2: -3.5677 A I3: 5.5992 A

Peaks used: 101

Bz Taper: 35.152 G/m

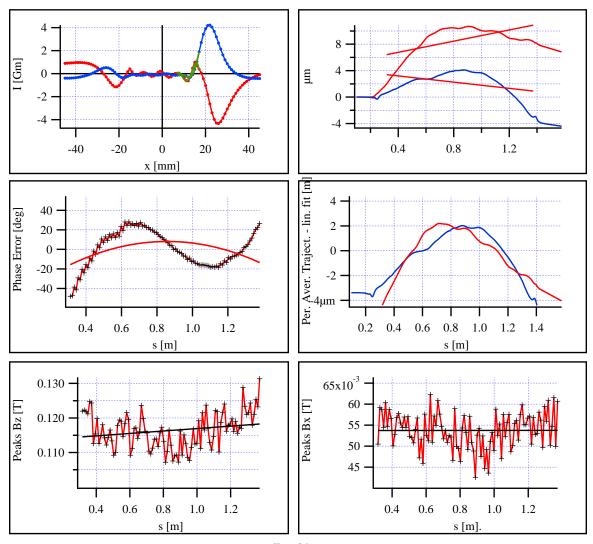
I4: 4.7821 A

I1: 0.5950 A

Pred. C.C. currents

Fund. En. (B2E) : 3634.3 eV = 0.3 nm

Radiation wavelength (lin. fit): 0.3 nm



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