

Results

Date 24/05/2018

Hour 10:46:07

Temperature [°C] 23.39

Number of Measurements 9

Main Coil Current [A] (157.5577 ± 0.0006)

Trim Coil Current [A] (0 ± 0)

CH Coil Current [A] (0 ± 0)

CV Coil Current [A] (0 ± 0)

QS Coil Current [A] (0 ± 0)

Integrated Gradient [T] (-9.08350 ± 0.00004)

Magnet Center Offset X [μm] - (< ±40.0) (9.15 ± 0.03)

Magnet Center Offset Y [μm] - (< ±40.0) (2.4 ± 0.2)

Roll [mrad] - (< ±0.3) (5 ± 5) × E-3

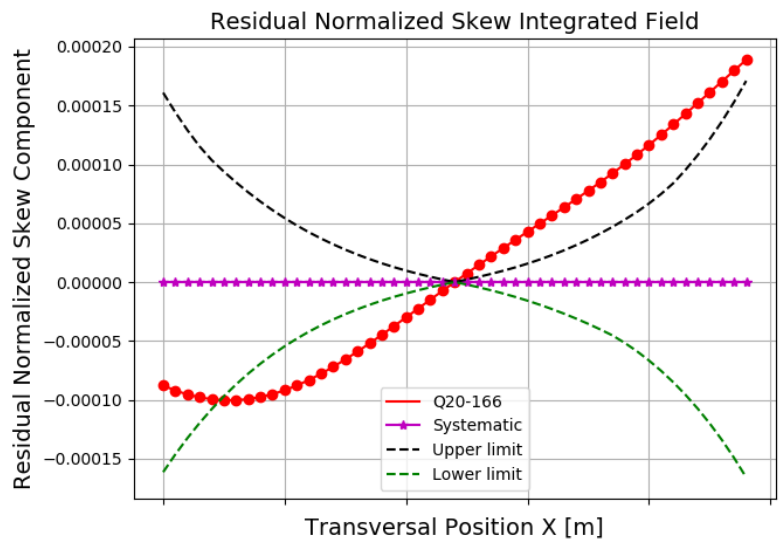
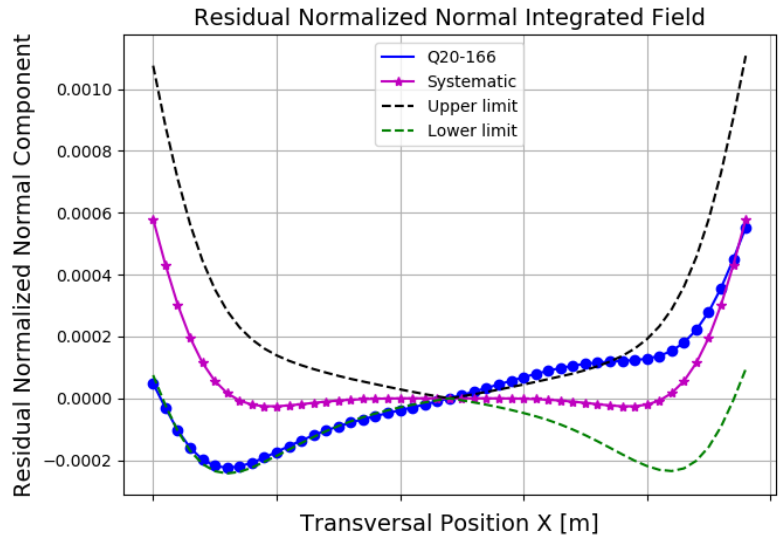
Electric Parameters

Inductance [mH] 8.9467

Voltage [V] 5.42

Resistance [mΩ] 34.4

Main Coil Number of Turns 23.25



n	Normalized Normal Multipoles x=12.0 mm [T.m ⁽²⁻ⁿ⁾]	Normalized Skew Multipoles x=12.0 mm [T.m ⁽²⁻ⁿ⁾]
1 (dipole)	(-7.63 ± 0.03) × E-4	(-2.0 ± 0.1) × E-4
2 (quadrupole)	(1.000000 ± 0.000006)	(9.3 ± 10.4) × E-6
3 (sextupole)	(2.51 ± 0.03) × E-4	(1.8 ± 0.1) × E-4
4	(1.33 ± 0.03) × E-4	(-2.3 ± 1.0) × E-5
5	(5 ± 3) × E-6	(-4 ± 1) × E-5
6	(-7.97 ± 0.05) × E-4	(1.1 ± 0.1) × E-4
7	(-7.5 ± 26.5) × E-7	(1 ± 9) × E-6
8	(-2 ± 4) × E-6	(-5.8 ± 10.7) × E-6
9	(-7 ± 3) × E-6	(-8.8 ± 74.7) × E-7
10	(1.625 ± 0.006) × E-3	(-5.3 ± 0.7) × E-5
11	(-6 ± 4) × E-6	(-3 ± 9) × E-6
12	(2 ± 3) × E-6	(1.0 ± 0.5) × E-5
13	(4 ± 3) × E-6	(3 ± 6) × E-6
14	(-6.61 ± 0.04) × E-4	(1.0 ± 0.6) × E-5
15	(7 ± 4) × E-6	(-8.9 ± 70.8) × E-7