

Results

Date 18/06/2018

Hour 16:29:32

Temperature [°C] 23.73

Number of Measurements 9

Main Coil Current [A] (157.438 ± 0.002)

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] (-9.09819 ± 0.00004)

Magnet Center Offset X [μm] - (< ±40.0) (9.13 ± 0.03)

Magnet Center Offset Y [μm] - (< ±40.0) (7.62 ± 0.08)

Roll [mrad] - (< ±0.3) (10 ± 3) × E-3

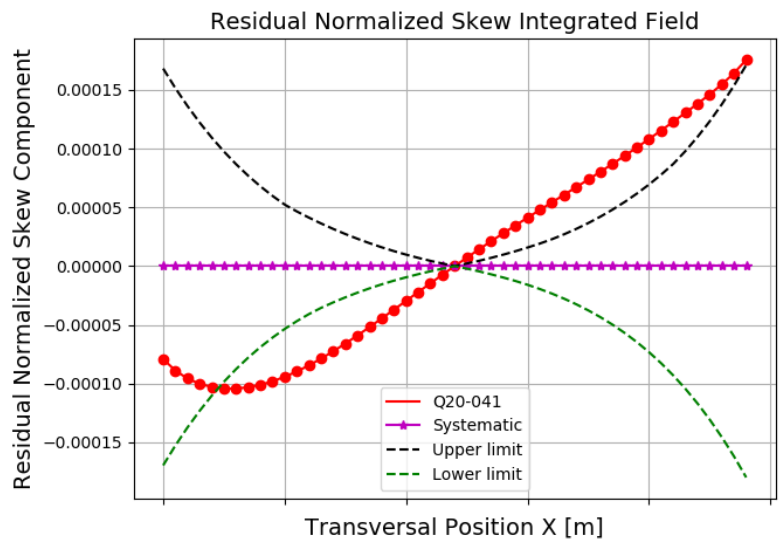
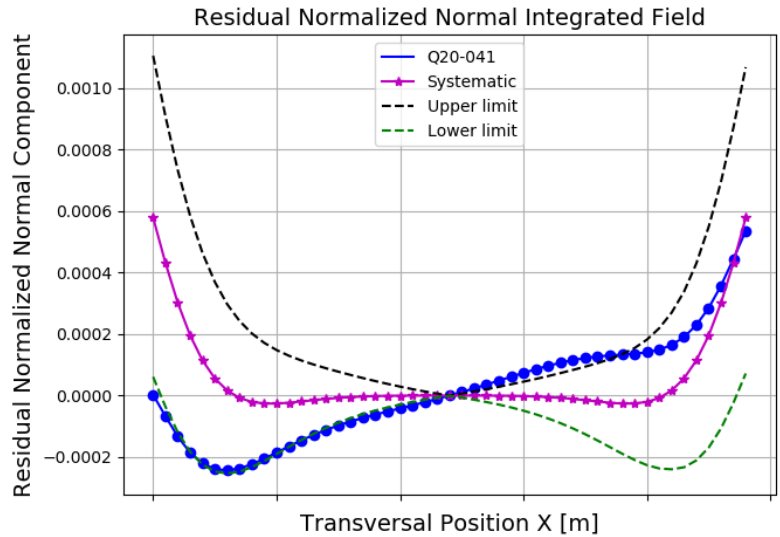
Electric Parameters

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)	(-7.61 ± 0.03) × E-4	(-6.35 ± 0.06) × E-4
2 (quadrupole)	(1.000000 ± 0.000006)	(2.0 ± 0.6) × E-5
3 (sextupole)	(2.71 ± 0.03) × E-4	(1.74 ± 0.06) × E-4
4	(1.49 ± 0.05) × E-4	(-3.3 ± 0.7) × E-5
5	(1.2 ± 0.5) × E-5	(-3.3 ± 0.4) × E-5
6	(-8.43 ± 0.04) × E-4	(10.0 ± 0.7) × E-5
7	(-5 ± 6) × E-6	(-6 ± 5) × E-6
8	(-1.1 ± 0.6) × E-5	(-7.5 ± 84.3) × E-7
9	(-2.5 ± 0.5) × E-5	(-1.1 ± 0.5) × E-5
10	(1.673 ± 0.004) × E-3	(-4.8 ± 0.7) × E-5
11	(-3 ± 7) × E-6	(-3 ± 7) × E-6
12	(6 ± 5) × E-6	(6 ± 7) × E-6
13	(1.7 ± 0.5) × E-5	(5 ± 5) × E-6
14	(-7.05 ± 0.05) × E-4	(2.4 ± 0.8) × E-5
15	(-2.6 ± 53.1) × E-7	(1 ± 7) × E-6