

### Results

Date 22/05/2018

Hour 15:02:25

Temperature [°C] 22.95

Number of Measurements 9

Main Coil Current [A] (157.3586 ± 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] (-9.08751 ± 0.00004)

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

(7.42 ± 0.03)

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

(7.36 ± 0.03)

Roll [mrad] - (< ±0.3)

(9 ± 3) × E-3

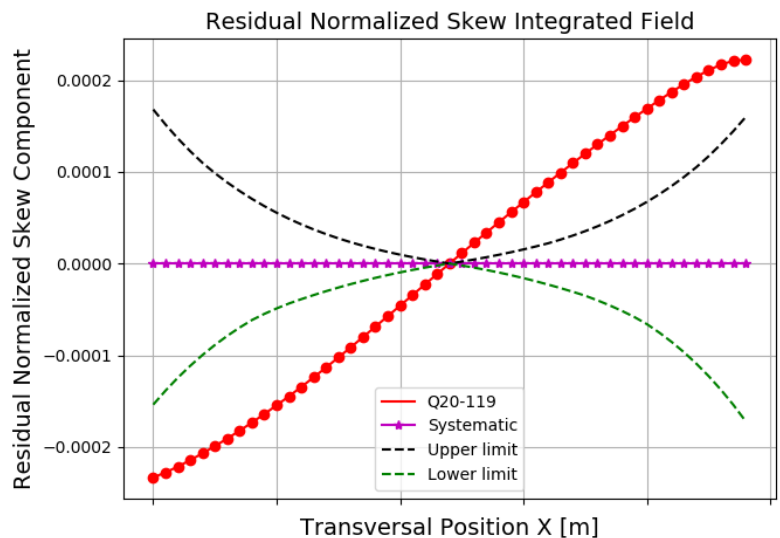
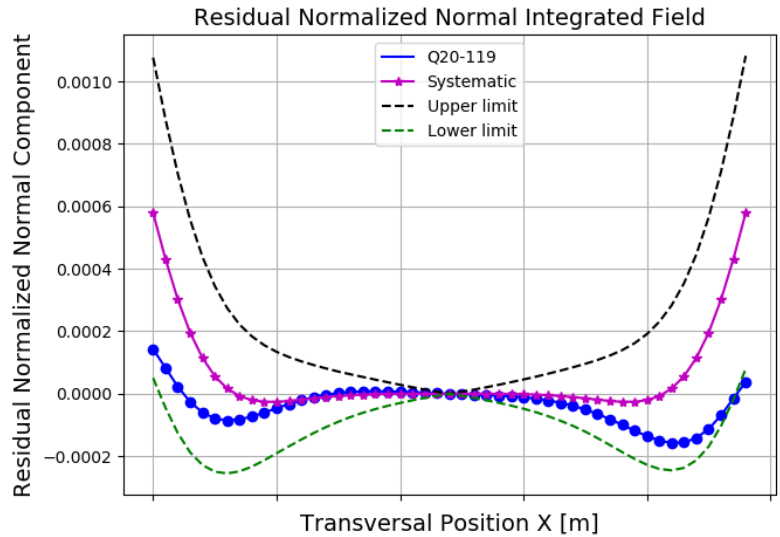
### Electric Parameters

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 <sup>(2-n)</sup> ]	Normalized Skew Multipoles x=12.0 mm [T.m <sup>(2-n)</sup> ]
1 (dipole)	(-6.18 ± 0.02) × E-4	(-6.14 ± 0.03) × E-4
2 (quadrupole)	(1.000000 ± 0.000006)	(1.8 ± 0.5) × E-5
3 (sextupole)	(-3.7 ± 0.2) × E-5	(2.74 ± 0.03) × E-4
4	(2.7 ± 0.2) × E-5	(-1.6 ± 0.4) × E-5
5	(-3.4 ± 0.3) × E-5	(-3.3 ± 0.4) × E-5
6	(-9.02 ± 0.03) × E-4	(3.5 ± 0.3) × E-5
7	(2.3 ± 0.4) × E-5	(-1.6 ± 0.4) × E-5
8	(2.1 ± 0.2) × E-5	(-2.0 ± 0.3) × E-5
9	(1.4 ± 0.3) × E-5	(7 ± 4) × E-6
10	(1.691 ± 0.004) × E-3	(-7 ± 4) × E-6
11	(-1.0 ± 0.2) × E-5	(1.3 ± 0.4) × E-5
12	(-2.3 ± 0.2) × E-5	(1.8 ± 0.3) × E-5
13	(-1.3 ± 0.2) × E-5	(-2 ± 3) × E-6
14	(-7.24 ± 0.04) × E-4	(-1.5 ± 0.3) × E-5
15	(5 ± 4) × E-6	(-1.5 ± 0.3) × E-5