

Results

Date 10/04/2018

Hour 15:58:48

Temperature [°C] 23.7

Number of Measurements 9

Main Coil Current [A] (147.9957 ± 0.0005)

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] (-5.23255 ± 0.00001)

Magnet Center Offset X [μm] - (< ±40.0) (2.20 ± 0.02)

Magnet Center Offset Y [μm] - (< ±40.0) (2.51 ± 0.03)

Roll [mrad] - (< ±0.3) (-3.34 ± 0.02) × E-1

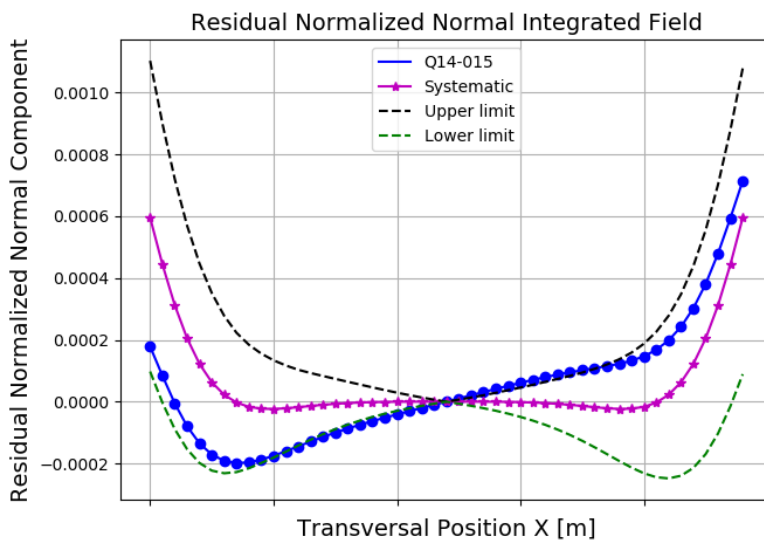
Electric Parameters

Indutance [mH] 4.781

Voltage [V] 4.4843

Resistance [mΩ] 30.3

Main Coil Number of Turns 20.0



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)	(-1.83 ± 0.02) x E-4	(-2.10 ± 0.02) x E-4
2 (quadrupole)	(1.000000 ± 0.000003)	(-6.68 ± 0.04) x E-4
3 (sextupole)	(2.47 ± 0.02) x E-4	(1.14 ± 0.02) x E-4
4	(1.1 ± 0.2) x E-5	(-3.8 ± 0.3) x E-5
5	(2.2 ± 0.2) x E-5	(-2.3 ± 0.3) x E-5
6	(-4.27 ± 0.02) x E-4	(3.9 ± 0.3) x E-5
7	(9 ± 4) x E-6	(-3 ± 3) x E-6
8	(-5.9466 ± 22397.9500) x E-10	(7.8 ± 33.8) x E-7
9	(-1.1 ± 0.2) x E-5	(4 ± 4) x E-6
10	(1.537 ± 0.003) x E-3	(-2.0 ± 0.5) x E-5
11	(-9 ± 3) x E-6	(-4.0 ± 51.9) x E-7
12	(4 ± 4) x E-6	(4 ± 5) x E-6
13	(6 ± 4) x E-6	(-4 ± 3) x E-6
14	(-6.79 ± 0.04) x E-4	(-7 ± 5) x E-6
15	(5 ± 4) x E-6	(-2 ± 3) x E-6

