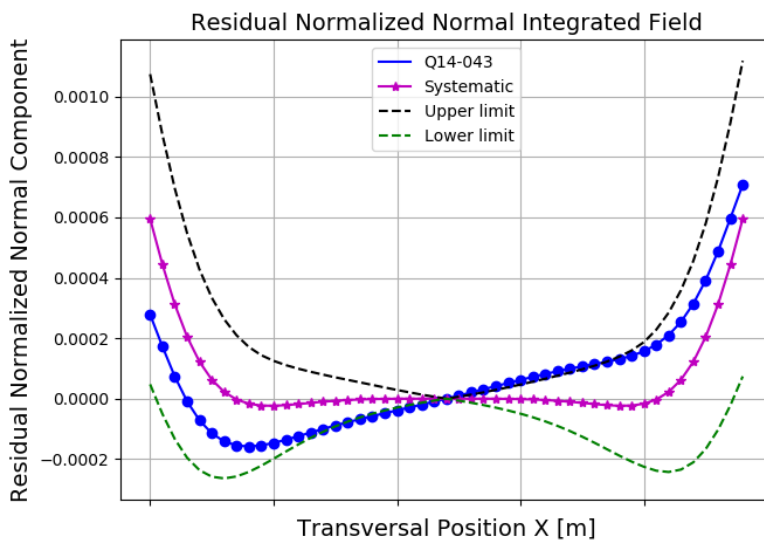


Results

Date	23/04/2018
Hour	15:47:39
Temperature [°C]	23.4
Number of Measurements	9
Main Coil Current [A]	(147.998 ± 0.001)
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]	(-5.23947 ± 0.00002)
Magnet Center Offset X [μm] - (< ±40.0)	(-7.99 ± 0.06)
Magnet Center Offset Y [μm] - (< ±40.0)	(1.66 ± 0.05)
Roll [mrad] - (< ±0.3)	(-4.27 ± 0.01) x E-1

Electric Parameters

Inductance [mH]	4.781
Voltage [V]	4.4843
Resistance [mΩ]	30.3
Main Coil Number of Turns	20.0



Normalized Normal Multipoles
x=12.0 mm
[T.m⁽²⁻ⁿ⁾]

Normalized Skew Multipoles
x=12.0 mm
[T.m⁽²⁻ⁿ⁾]

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)	(6.66 ± 0.05) x E-4	(-1.39 ± 0.04) x E-4
2 (quadrupole)	(1.000000 ± 0.000006)	(-8.54 ± 0.03) x E-4
3 (sextupole)	(2.40 ± 0.03) x E-4	(7.4 ± 0.5) x E-5
4	(6.0 ± 0.6) x E-5	(-1 ± 3) x E-6
5	(-6 ± 6) x E-6	(-2.3 ± 0.5) x E-5
6	(-4.12 ± 0.06) x E-4	(5.2 ± 0.6) x E-5
7	(-9 ± 4) x E-6	(9.6 ± 58.4) x E-7
8	(-6 ± 8) x E-6	(-2 ± 7) x E-6
9	(3 ± 3) x E-6	(4 ± 5) x E-6
10	(1.532 ± 0.007) x E-3	(-2.9 ± 0.7) x E-5
11	(8.6 ± 74.1) x E-7	(7 ± 6) x E-6
12	(-2 ± 6) x E-6	(6 ± 5) x E-6
13	(-6 ± 6) x E-6	(-4 ± 4) x E-6
14	(-6.79 ± 0.05) x E-4	(9.5 ± 72.3) x E-7
15	(-8 ± 5) x E-6	(-2 ± 6) x E-6

