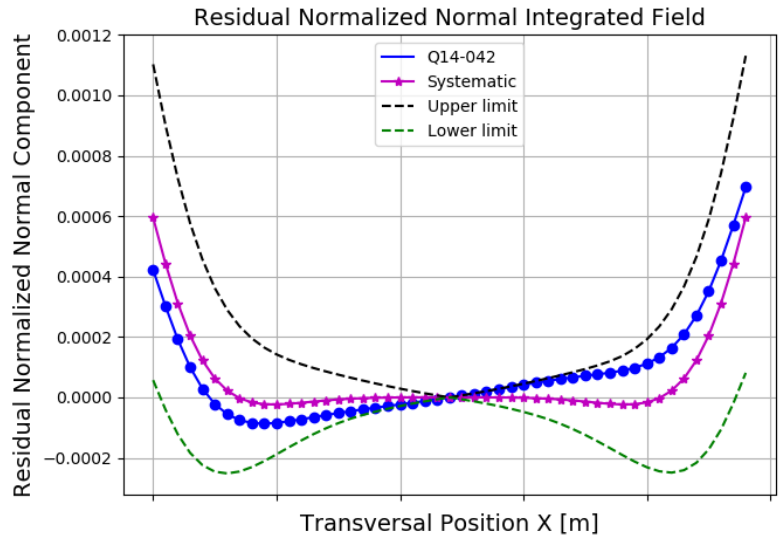


Results

Date	24/04/2018
Hour	09:10:40
Temperature [°C]	23.5
Number of Measurements	9
Main Coil Current [A]	(147.998 ± 0.007)
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]	(-5.23890 ± 0.00002)
Magnet Center Offset X [μm] - (< ±40.0)	(-3.29 ± 0.02)
Magnet Center Offset Y [μm] - (< ±40.0)	(6 ± 7) x E-2
Roll [mrad] - (< ±0.3)	(-2.75 ± 0.02) 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)	(2.74 ± 0.02) x E-4	(-5 ± 6) x E-6
2 (quadrupole)	(1.000000 ± 0.000007)	(-5.49 ± 0.05) x E-4
3 (sextupole)	(1.52 ± 0.07) x E-4	(2.19 ± 0.07) x E-4
4	(8.3 ± 0.5) x E-5	(-5.3 ± 0.8) x E-5
5	(-1 ± 1) x E-5	(-2.4 ± 0.7) x E-5
6	(-3.96 ± 0.06) x E-4	(5.3 ± 1.0) x E-5
7	(6 ± 10) x E-6	(-7 ± 9) x E-6
8	(5.47 ± 937.36) x E-8	(-3.1 ± 11.7) x E-6
9	(5.3 ± 10.4) x E-6	(1.4 ± 11.8) x E-6
10	(1.53 ± 0.01) x E-3	(-2 ± 1) x E-5
11	(-3.8 ± 12.0) x E-6	(3.4 ± 14.6) x E-6
12	(1 ± 2) x E-5	(5 ± 7) x E-6
13	(-5.4 ± 12.5) x E-6	(-6.4 ± 11.7) x E-6
14	(-6.7 ± 0.1) x E-4	(-1 ± 9) x E-6
15	(-3.4 ± 11.1) x E-6	(-1 ± 1) x E-5

