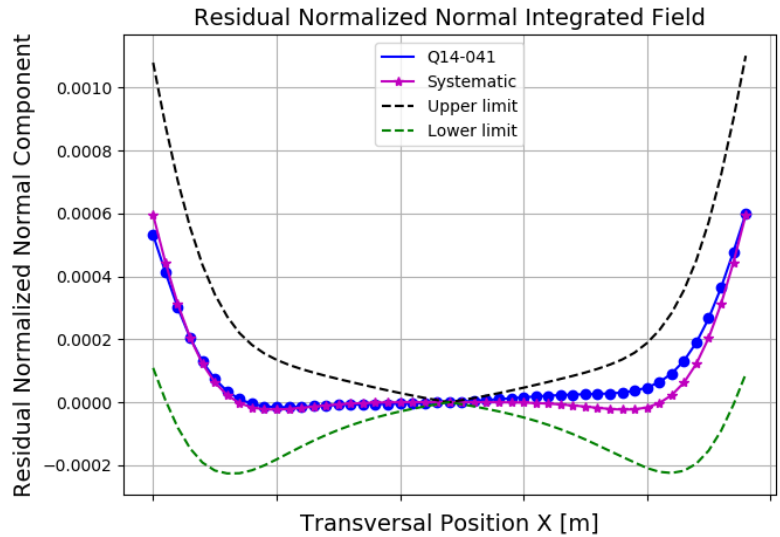


Results

Date	23/04/2018
Hour	16:41:51
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]	(-5.23565 ± 0.00001)
Magnet Center Offset X [μm] - (< ±40.0)	(9.16 ± 0.03)
Magnet Center Offset Y [μm] - (< ±40.0)	(5.5 ± 0.1)
Roll [mrad] - (< ±0.3)	(-4.51 ± 0.03) × 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)	(-7.63 ± 0.03) × E-4	(-4.62 ± 0.10) × E-4
2 (quadrupole)	(1.000000 ± 0.000004)	(-9.02 ± 0.07) × E-4
3 (sextupole)	(4.4 ± 0.4) × E-5	(1.47 ± 0.08) × E-4
4	(10.0 ± 0.4) × E-5	(-2.5 ± 0.7) × E-5
5	(-1.3 ± 0.2) × E-5	(-2.8 ± 0.4) × E-5
6	(-3.97 ± 0.04) × E-4	(6.2 ± 0.7) × E-5
7	(5 ± 3) × E-6	(-1.4 ± 46.0) × E-7
8	(-5.5 ± 45.5) × E-7	(5.3 ± 65.4) × E-7
9	(1 ± 3) × E-6	(-1 ± 8) × E-6
10	(1.533 ± 0.005) × E-3	(-4.3 ± 0.6) × E-5
11	(-9 ± 7) × E-6	(4.07 ± 345.23) × E-8
12	(2 ± 3) × E-6	(8 ± 4) × E-6
13	(4 ± 6) × E-6	(4 ± 4) × E-6
14	(-6.72 ± 0.03) × E-4	(10 ± 5) × E-6
15	(2 ± 4) × E-6	(-8.1 ± 42.2) × E-7

