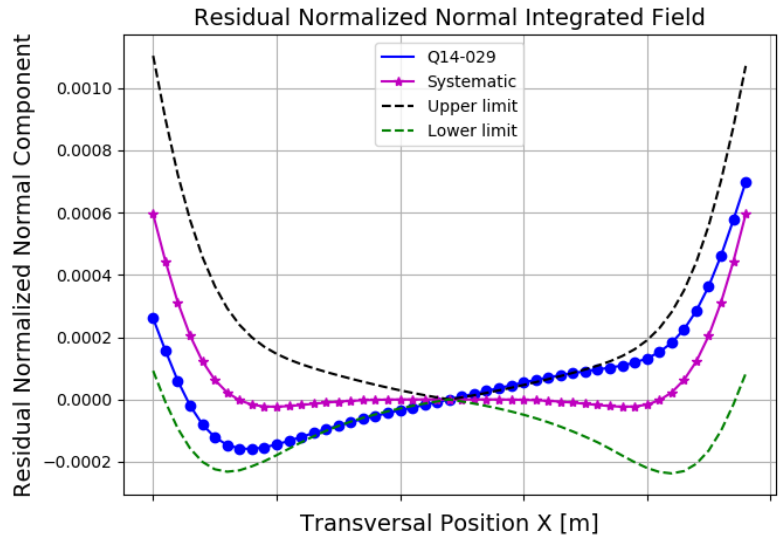


Results

Date	09/04/2018
Hour	18:08:24
Temperature [°C]	23.8
Number of Measurements	9
Main Coil Current [A]	(147.997 ± 0.003)
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]	(-5.23707 ± 0.00002)
Magnet Center Offset X [μm] - (< ±40.0)	(7.32 ± 0.05)
Magnet Center Offset Y [μm] - (< ±40.0)	(11.5 ± 0.1)
Roll [mrad] - (< ±0.3)	(-5.05 ± 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)	(-6.10 ± 0.04) × E-4	(-9.54 ± 0.10) × E-4
2 (quadrupole)	(1.000000 ± 0.000005)	(-1.010 ± 0.005) × E-3
3 (sextupole)	(2.14 ± 0.03) × E-4	(2.65 ± 0.04) × E-4
4	(3.3 ± 0.3) × E-5	(-4.4 ± 0.6) × E-5
5	(1.1 ± 0.4) × E-5	(-1.5 ± 0.7) × E-5
6	(-4.22 ± 0.05) × E-4	(2.3 ± 0.6) × E-5
7	(-3 ± 6) × E-6	(-1.4 ± 0.3) × E-5
8	(-2 ± 3) × E-6	(-1.0 ± 0.4) × E-5
9	(-5 ± 6) × E-6	(-4 ± 5) × E-6
10	(1.537 ± 0.004) × E-3	(-4 ± 6) × E-6
11	(1 ± 4) × E-6	(-8.0 ± 28.6) × E-7
12	(4 ± 3) × E-6	(1.6 ± 0.6) × E-5
13	(5 ± 8) × E-6	(4 ± 5) × E-6
14	(-6.72 ± 0.07) × E-4	(-1.2 ± 0.5) × E-5
15	(-4 ± 4) × E-6	(8.0 ± 48.4) × E-7

