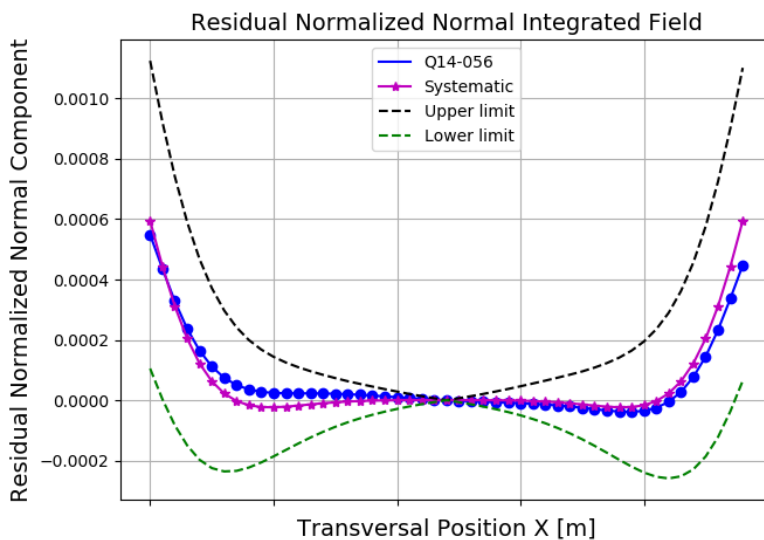


Results

Date	12/04/2018
Hour	11:23:50
Temperature [°C]	23.6
Number of Measurements	9
Main Coil Current [A]	(147.9951 ± 0.0007)
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]	(-5.23370 ± 0.00002)
Magnet Center Offset X [μm] - (< ±40.0)	(4.82 ± 0.04)
Magnet Center Offset Y [μm] - (< ±40.0)	(-8.5 ± 0.7) × E-1
Roll [mrad] - (< ±0.3)	(-1.67 ± 0.01) × 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)	(-4.02 ± 0.04) × E-4	(7.1 ± 0.6) × E-5
2 (quadrupole)	(1.000000 ± 0.000005)	(-3.34 ± 0.03) × E-4
3 (sextupole)	(-4.9 ± 0.3) × E-5	(2.16 ± 0.02) × E-4
4	(7.2 ± 0.4) × E-5	(-7.1 ± 0.3) × E-5
5	(-1.7 ± 0.3) × E-5	(-4.8 ± 0.3) × E-5
6	(-4.36 ± 0.03) × E-4	(3.7 ± 0.3) × E-5
7	(2.1 ± 0.3) × E-5	(-1.0 ± 0.4) × E-5
8	(-8 ± 3) × E-6	(8 ± 3) × E-6
9	(1 ± 5) × E-6	(4 ± 2) × E-6
10	(1.546 ± 0.003) × E-3	(-1.9 ± 0.4) × E-5
11	(-1.3 ± 0.6) × E-5	(3 ± 2) × E-6
12	(1 ± 4) × E-6	(3 ± 3) × E-6
13	(1 ± 4) × E-6	(-4 ± 4) × E-6
14	(-6.77 ± 0.04) × E-4	(-4 ± 3) × E-6
15	(5 ± 2) × E-6	(9.0 ± 23.8) × E-7

