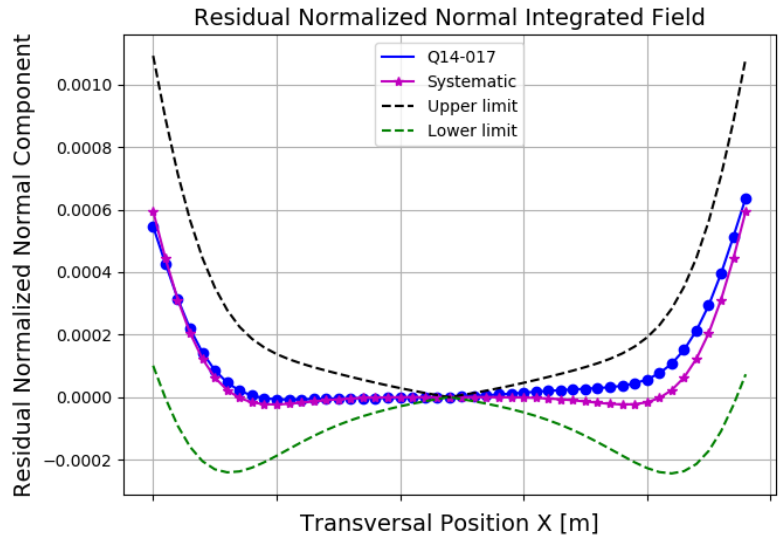


Results

Date	11/04/2018
Hour	19:16:53
Temperature [°C]	23.8
Number of Measurements	9
Main Coil Current [A]	(147.9953 ± 0.0006)
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]	(-5.24166 ± 0.00001)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	(5.65 ± 0.06)
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	(-1.41 ± 0.07)
Roll [mrad] - ($< \pm 0.3$)	$(-4.54 \pm 0.01) \times E-1$

Electric Parameters

Inductance [mH]	4.781
Voltage [V]	4.4843
Resistance [$\text{m}\Omega$]	30.3
Main Coil Number of Turns	20.0



Normalized Normal Multipoles $x=12.0 \text{ mm}$ [$\text{T}\cdot\text{m}^{(2-n)}$]

Normalized Skew Multipoles $x=12.0 \text{ mm}$ [$\text{T}\cdot\text{m}^{(2-n)}$]

n	Normalized Normal Multipoles $x=12.0 \text{ mm}$ [$\text{T}\cdot\text{m}^{(2-n)}$]	Normalized Skew Multipoles $x=12.0 \text{ mm}$ [$\text{T}\cdot\text{m}^{(2-n)}$]
1 (dipole)	$(-4.71 \pm 0.05) \times E-4$	$(1.17 \pm 0.06) \times E-4$
2 (quadrupole)	(1.000000 ± 0.000004)	$(-9.07 \pm 0.03) \times E-4$
3 (sextupole)	$(3.4 \pm 0.3) \times E-5$	$(2.5 \pm 0.4) \times E-5$
4	$(1.14 \pm 0.02) \times E-4$	$(-8.3 \pm 0.3) \times E-5$
5	$(6 \pm 3) \times E-6$	$(1.2 \pm 0.5) \times E-5$
6	$(-3.75 \pm 0.02) \times E-4$	$(4.3 \pm 0.6) \times E-5$
7	$(9 \pm 4) \times E-6$	$(-2.1 \pm 53.3) \times E-7$
8	$(-7 \pm 3) \times E-6$	$(-3 \pm 4) \times E-6$
9	$(-1 \pm 3) \times E-6$	$(-7.6 \pm 51.4) \times E-7$
10	$(1.535 \pm 0.004) \times E-3$	$(-2.3 \pm 0.4) \times E-5$
11	$(-1 \pm 4) \times E-6$	$(2 \pm 5) \times E-6$
12	$(5 \pm 3) \times E-6$	$(9 \pm 6) \times E-6$
13	$(2 \pm 4) \times E-6$	$(4 \pm 3) \times E-6$
14	$(-6.80 \pm 0.04) \times E-4$	$(-1.2 \pm 46.0) \times E-7$
15	$(-3 \pm 5) \times E-6$	$(-1 \pm 5) \times E-6$

