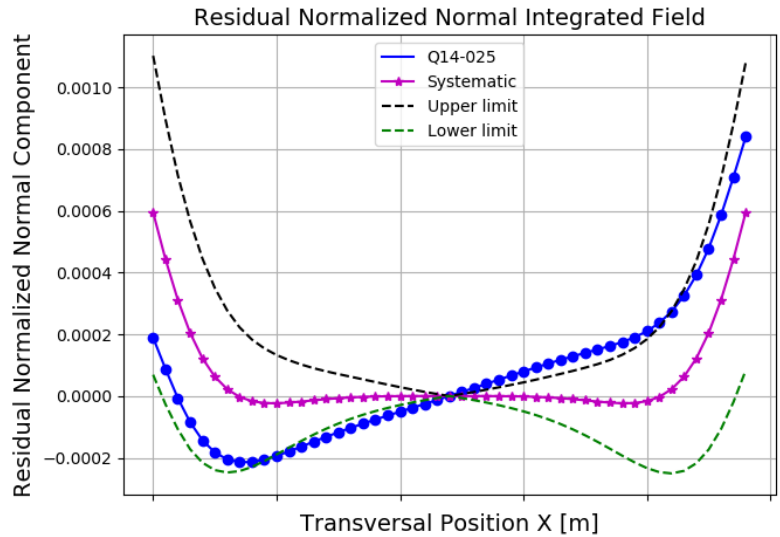


Results

Date	10/04/2018
Hour	09:40:55
Temperature [°C]	23.7
Number of Measurements	9
Main Coil Current [A]	(147.9963 ± 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]	(-5.23501 ± 0.00002)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	(-2.32 ± 0.05)
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	(7.93 ± 0.06)
Roll [mrad] - ($< \pm 0.3$)	$(-4.12 \pm 0.03) \times E-1$

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)	$(1.93 \pm 0.04) \times E-4$	$(-6.61 \pm 0.05) \times E-4$
2 (quadrupole)	(1.000000 ± 0.000005)	$(-8.25 \pm 0.06) \times E-4$
3 (sextupole)	$(3.11 \pm 0.02) \times E-4$	$(2.63 \pm 0.04) \times E-4$
4	$(5.1 \pm 0.3) \times E-5$	$(-5.4 \pm 0.4) \times E-5$
5	$(1.7 \pm 0.2) \times E-5$	$(-3.0 \pm 0.5) \times E-5$
6	$(-4.01 \pm 0.01) \times E-4$	$(2.8 \pm 0.3) \times E-5$
7	$(1 \pm 3) \times E-6$	$(-1.1 \pm 0.3) \times E-5$
8	$(8.7 \pm 46.0) \times E-7$	$(-2 \pm 4) \times E-6$
9	$(-4 \pm 2) \times E-6$	$(3 \pm 4) \times E-6$
10	$(1.536 \pm 0.002) \times E-3$	$(-4 \pm 3) \times E-6$
11	$(-3 \pm 4) \times E-6$	$(3 \pm 4) \times E-6$
12	$(3 \pm 3) \times E-6$	$(1.1 \pm 0.4) \times E-5$
13	$(2 \pm 4) \times E-6$	$(5.9 \pm 15.5) \times E-7$
14	$(-6.75 \pm 0.03) \times E-4$	$(-1.6 \pm 0.3) \times E-5$
15	$(1 \pm 2) \times E-6$	$(-8.6 \pm 36.8) \times E-7$

