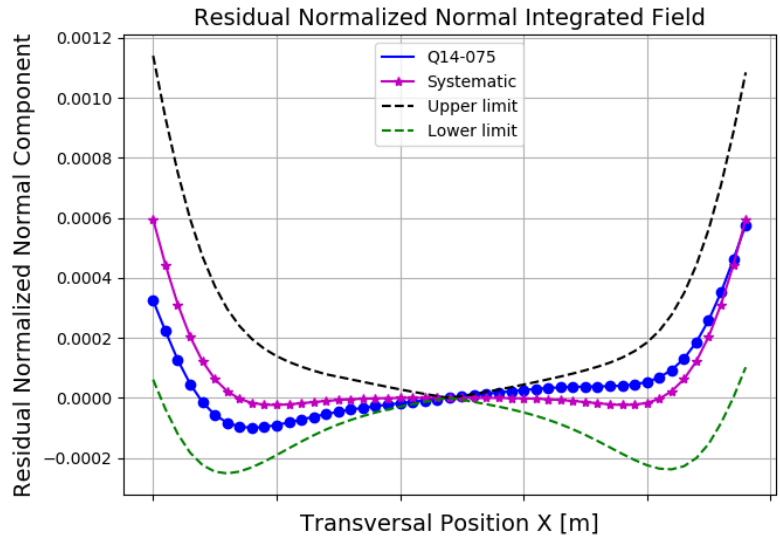


Results

Date	10/04/2018
Hour	10:26:16
Temperature [°C]	23.7
Number of Measurements	9
Main Coil Current [A]	(147.9964 ± 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]	(-5.23919 ± 0.00002)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	(8.47 ± 0.03)
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	(4.01 ± 0.07)
Roll [mrad] - ($< \pm 0.3$)	$(-4.10 \pm 0.03) \times E-1$

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)	$(-7.06 \pm 0.03) \times E-4$	$(-3.34 \pm 0.06) \times E-4$
2 (quadrupole)	(1.000000 ± 0.000004)	$(-8.20 \pm 0.07) \times E-4$
3 (sextupole)	$(1.06 \pm 0.02) \times E-4$	$(2.02 \pm 0.07) \times E-4$
4	$(1.8 \pm 0.3) \times E-5$	$(-6.7 \pm 0.5) \times E-5$
5	$(1.4 \pm 0.3) \times E-5$	$(1.1 \pm 0.5) \times E-5$
6	$(-4.36 \pm 0.02) \times E-4$	$(3.7 \pm 0.5) \times E-5$
7	$(1.4 \pm 0.3) \times E-5$	$(-2.0 \pm 0.2) \times E-5$
8	$(2 \pm 4) \times E-6$	$(6 \pm 4) \times E-6$
9	$(-7 \pm 3) \times E-6$	$(-8 \pm 6) \times E-6$
10	$(1.542 \pm 0.004) \times E-3$	$(-1.6 \pm 0.3) \times E-5$
11	$(-4 \pm 4) \times E-6$	$(4.6 \pm 53.2) \times E-7$
12	$(7.7 \pm 32.3) \times E-7$	$(5 \pm 6) \times E-6$
13	$(4 \pm 5) \times E-6$	$(7 \pm 4) \times E-6$
14	$(-6.75 \pm 0.04) \times E-4$	$(-8 \pm 5) \times E-6$
15	$(-1 \pm 4) \times E-6$	$(-1 \pm 4) \times E-6$

