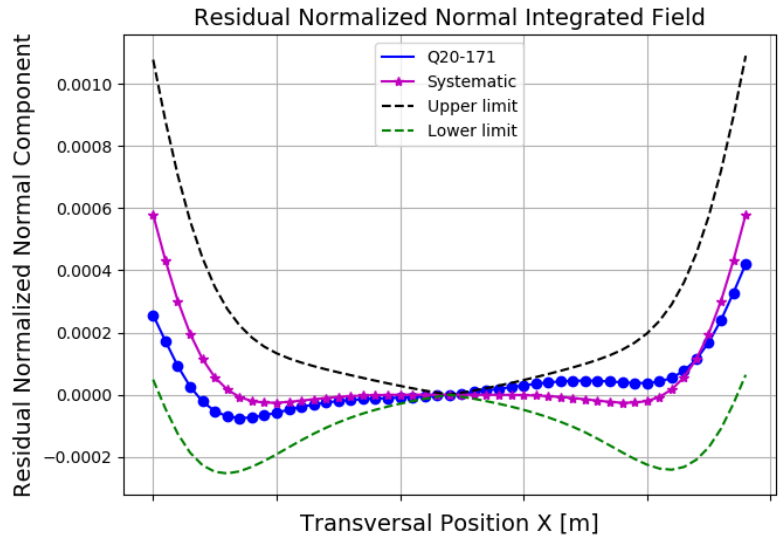


Results

Date	29/05/2018
Hour	12:38:43
Temperature [°C]	22.71
Number of Measurements	9
Main Coil Current [A]	(157.5582 ± 0.0004)
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]	(-9.08438 ± 0.00005)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	(13.73 ± 0.03)
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	(2.02 ± 0.05)
Roll [mrad] - ($< \pm 0.3$)	$(1.48 \pm 0.02) \times 10^{-1}$

Electric Parameters

Inductance [mH]	8.9467
Voltage [V]	5.42
Resistance [$\text{m}\Omega$]	34.4
Main Coil Number of Turns	23.25



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)	$(-1.144 \pm 0.002) \times 10^{-3}$	$(-1.68 \pm 0.04) \times 10^{-4}$
2 (quadrupole)	(1.000000 ± 0.000007)	$(2.96 \pm 0.04) \times 10^{-4}$
3 (sextupole)	$(8.5 \pm 0.3) \times 10^{-5}$	$(9.5 \pm 0.5) \times 10^{-5}$
4	$(1.89 \pm 0.04) \times 10^{-4}$	$(-5.7 \pm 0.5) \times 10^{-5}$
5	$(-7 \pm 3) \times 10^{-6}$	$(7.0 \pm 30.2) \times 10^{-7}$
6	$(-8.15 \pm 0.03) \times 10^{-4}$	$(7.5 \pm 0.4) \times 10^{-5}$
7	$(1.3 \pm 0.4) \times 10^{-5}$	$(-7.4 \pm 32.6) \times 10^{-7}$
8	$(-8 \pm 6) \times 10^{-6}$	$(7.7 \pm 48.2) \times 10^{-7}$
9	$(-1.4 \pm 0.5) \times 10^{-5}$	$(1 \pm 3) \times 10^{-6}$
10	$(1.668 \pm 0.005) \times 10^{-3}$	$(-3.9 \pm 0.5) \times 10^{-5}$
11	$(-10 \pm 6) \times 10^{-6}$	$(5.3 \pm 69.4) \times 10^{-7}$
12	$(8 \pm 7) \times 10^{-6}$	$(7 \pm 5) \times 10^{-6}$
13	$(9 \pm 5) \times 10^{-6}$	$(-7.5 \pm 45.8) \times 10^{-7}$
14	$(-7.04 \pm 0.04) \times 10^{-4}$	$(1.8 \pm 0.7) \times 10^{-5}$
15	$(6 \pm 6) \times 10^{-6}$	$(-2 \pm 4) \times 10^{-6}$

