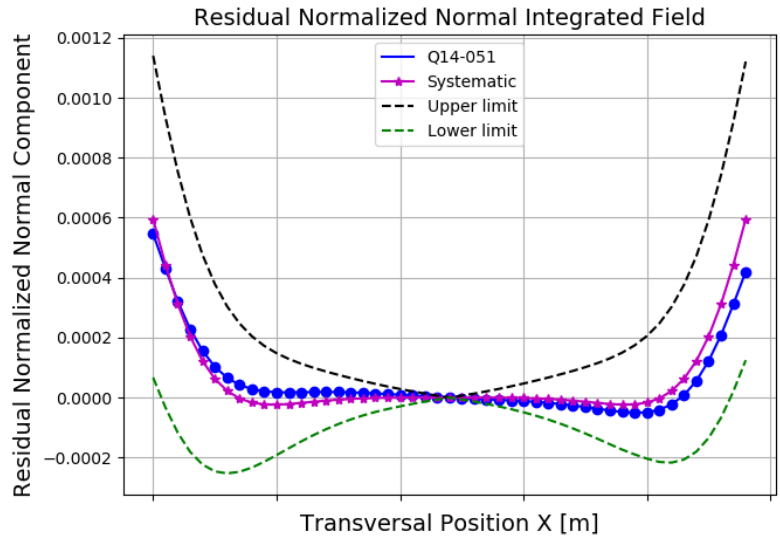


Results

Date	12/04/2018
Hour	12:15:27
Temperature [°C]	23.6
Number of Measurements	9
Main Coil Current [A]	(147.9956 ± 0.0005)
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]	(-5.23189 ± 0.00002)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	$(8.5 \pm 0.7) \times E-1$
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	$(6.5 \pm 0.6) \times E-1$
Roll [mrad] - ($< \pm 0.3$)	$(-3.36 \pm 0.02) \times E-1$

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 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)	$(-7.1 \pm 0.6) \times E-5$	$(-5.4 \pm 0.5) \times E-5$
2 (quadrupole)	(1.000000 ± 0.000005)	$(-6.71 \pm 0.04) \times E-4$
3 (sextupole)	$(-5.0 \pm 0.3) \times E-5$	$(2.05 \pm 0.05) \times E-4$
4	$(4.6 \pm 0.3) \times E-5$	$(-1.2 \pm 0.4) \times E-5$
5	$(-2.3 \pm 0.5) \times E-5$	$(-1.4 \pm 0.4) \times E-5$
6	$(-4.32 \pm 0.04) \times E-4$	$(3.7 \pm 0.5) \times E-5$
7	$(10 \pm 4) \times E-6$	$(-1.4 \pm 0.4) \times E-5$
8	$(-6 \pm 5) \times E-6$	$(2 \pm 5) \times E-6$
9	$(7 \pm 5) \times E-6$	$(4 \pm 4) \times E-6$
10	$(1.545 \pm 0.004) \times E-3$	$(-1.7 \pm 0.2) \times E-5$
11	$(-4 \pm 4) \times E-6$	$(3 \pm 5) \times E-6$
12	$(6 \pm 4) \times E-6$	$(8.8 \pm 35.8) \times E-7$
13	$(-2.9 \pm 53.2) \times E-7$	$(-5.3 \pm 47.2) \times E-7$
14	$(-6.76 \pm 0.05) \times E-4$	$(-3.9 \pm 49.7) \times E-7$
15	$(-3 \pm 4) \times E-6$	$(-5.2 \pm 62.2) \times E-7$

