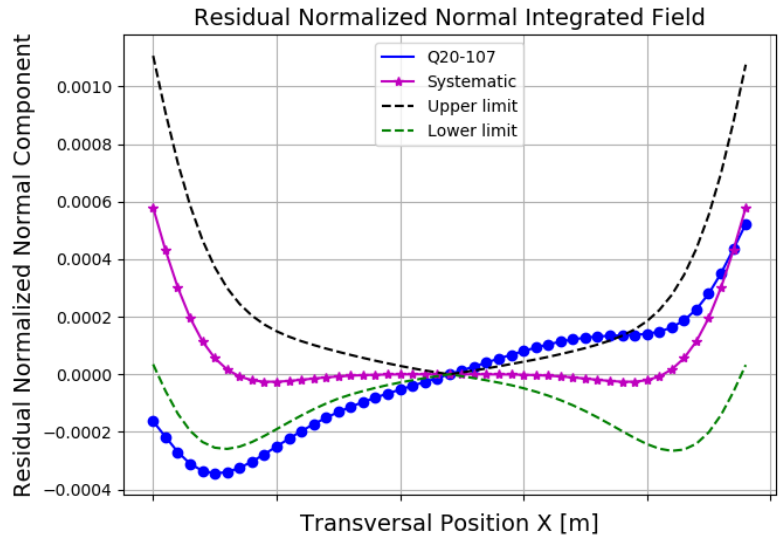


### Results

Date	05/06/2018
Hour	12:40:00
Temperature [°C]	23.06
Number of Measurements	9
Main Coil Current [A]	$(157.3571 \pm 0.0004)$
Trim Coil Current [A]	$(0 \pm 0)$
CH Coil Current [A]	$(0 \pm 0)$
CV Coil Current [A]	$(0 \pm 0)$
QS Coil Current [A]	$(0 \pm 0)$
Integrated Gradient [T]	$(-9.08318 \pm 0.00004)$
Magnet Center Offset X [ $\mu\text{m}$ ] - ( $< \pm 40.0$ )	$(4.86 \pm 0.02)$
Magnet Center Offset Y [ $\mu\text{m}$ ] - ( $< \pm 40.0$ )	$(11.40 \pm 0.06)$
Roll [mrad] - ( $< \pm 0.3$ )	$(1.65 \pm 0.03) \times E-1$

### 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  
 $x=12.0 \text{ mm}$   
[T.m<sup>(2-n)</sup>]

Normalized Skew Multipoles  
 $x=12.0 \text{ mm}$   
[T.m<sup>(2-n)</sup>]

n	Normalized Normal Multipoles $x=12.0 \text{ mm}$ [T.m <sup>(2-n)</sup> ]	Normalized Skew Multipoles $x=12.0 \text{ mm}$ [T.m <sup>(2-n)</sup> ]
1 (dipole)	$(-4.05 \pm 0.02) \times E-4$	$(-9.50 \pm 0.05) \times E-4$
2 (quadrupole)	$(1.000000 \pm 0.000006)$	$(3.30 \pm 0.06) \times E-4$
3 (sextupole)	$(3.22 \pm 0.02) \times E-4$	$(4.89 \pm 0.05) \times E-4$
4	$(4.9 \pm 0.3) \times E-5$	$(-3.6 \pm 0.4) \times E-5$
5	$(2.9 \pm 0.2) \times E-5$	$(-6.8 \pm 0.5) \times E-5$
6	$(-8.26 \pm 0.03) \times E-4$	$(9.3 \pm 0.4) \times E-5$
7	$(4.2 \pm 40.1) \times E-7$	$(-2.5 \pm 0.6) \times E-5$
8	$(4 \pm 4) \times E-6$	$(-1.3 \pm 0.5) \times E-5$
9	$(-2.3 \pm 0.3) \times E-5$	$(5 \pm 4) \times E-6$
10	$(1.672 \pm 0.003) \times E-3$	$(-4.2 \pm 0.2) \times E-5$
11	$(-1 \pm 3) \times E-6$	$(8 \pm 6) \times E-6$
12	$(-3.4 \pm 43.4) \times E-7$	$(1.0 \pm 0.4) \times E-5$
13	$(1.6 \pm 0.4) \times E-5$	$(-9.7 \pm 33.6) \times E-7$
14	$(-7.19 \pm 0.05) \times E-4$	$(6 \pm 4) \times E-6$
15	$(-5.7 \pm 52.1) \times E-7$	$(-4 \pm 4) \times E-6$

