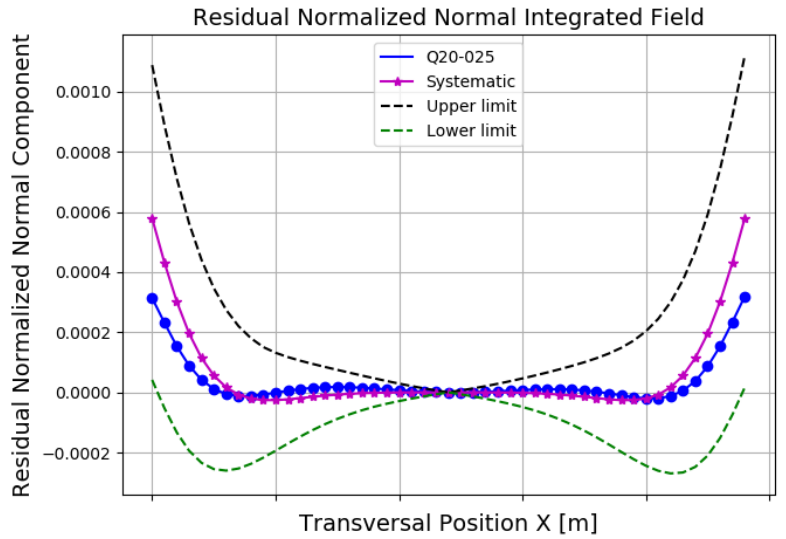


Results

Date	12/06/2018
Hour	11:07:06
Temperature [°C]	22.75
Number of Measurements	9
Main Coil Current [A]	(157.518 ± 0.002)
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]	(-9.09677 ± 0.00003)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	(10.41 ± 0.02)
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	(4.70 ± 0.04)
Roll [mrad] - ($< \pm 0.3$)	$(1.65 \pm 0.02) \times E-1$

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 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)	$(-8.67 \pm 0.02) \times E-4$	$(-3.92 \pm 0.04) \times E-4$
2 (quadrupole)	(1.000000 ± 0.000004)	$(3.31 \pm 0.03) \times E-4$
3 (sextupole)	$(-1.1 \pm 0.1) \times E-5$	$(1.79 \pm 0.03) \times E-4$
4	$(2.21 \pm 0.03) \times E-4$	$(-6 \pm 3) \times E-6$
5	$(4 \pm 2) \times E-6$	$(-3.7 \pm 0.4) \times E-5$
6	$(-8.79 \pm 0.04) \times E-4$	$(7.8 \pm 0.5) \times E-5$
7	$(1.5 \pm 0.4) \times E-5$	$(-5 \pm 4) \times E-6$
8	$(-1.4 \pm 0.1) \times E-5$	$(-3 \pm 3) \times E-6$
9	$(-6 \pm 4) \times E-6$	$(-5 \pm 6) \times E-6$
10	$(1.688 \pm 0.005) \times E-3$	$(-2.6 \pm 0.4) \times E-5$
11	$(-3 \pm 6) \times E-6$	$(1.0 \pm 0.4) \times E-5$
12	$(10 \pm 5) \times E-6$	$(4 \pm 4) \times E-6$
13	$(3 \pm 4) \times E-6$	$(3 \pm 6) \times E-6$
14	$(-7.10 \pm 0.05) \times E-4$	$(10 \pm 4) \times E-6$
15	$(-5.0 \pm 42.9) \times E-7$	$(-3 \pm 5) \times E-6$

