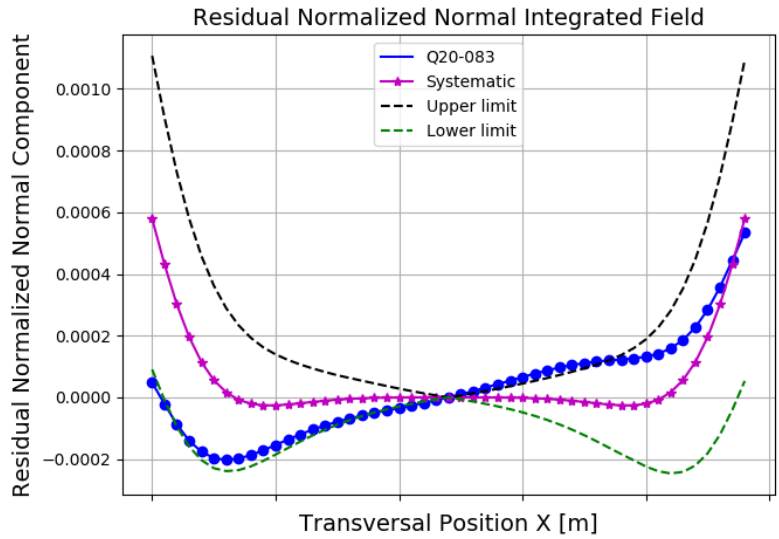


Results

Date	07/06/2018
Hour	14:30:51
Temperature [°C]	23.01
Number of Measurements	9
Main Coil Current [A]	(157.436 ± 0.001)
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]	(-9.07877 ± 0.00003)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	$(-8.0 \pm 0.4) \times E-1$
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	(2.82 ± 0.06)
Roll [mrad] - ($< \pm 0.3$)	$(1.80 \pm 0.02) \times E-1$

Electric Parameters

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



n	Normalized Normal Multipoles $x=12.0 \text{ mm}$ [T.m ⁽²⁻ⁿ⁾]	Normalized Skew Multipoles $x=12.0 \text{ mm}$ [T.m ⁽²⁻ⁿ⁾]
1 (dipole)	$(6.7 \pm 0.3) \times E-5$	$(-2.35 \pm 0.05) \times E-4$
2 (quadrupole)	(1.000000 ± 0.000005)	$(3.60 \pm 0.05) \times E-4$
3 (sextupole)	$(2.32 \pm 0.03) \times E-4$	$(1.31 \pm 0.04) \times E-4$
4	$(1.78 \pm 0.01) \times E-4$	$(-5.6 \pm 0.4) \times E-5$
5	$(1.6 \pm 0.4) \times E-5$	$(-1.8 \pm 0.5) \times E-5$
6	$(-8.38 \pm 0.04) \times E-4$	$(7.2 \pm 0.4) \times E-5$
7	$(5 \pm 5) \times E-6$	$(-3 \pm 6) \times E-6$
8	$(-9 \pm 5) \times E-6$	$(4 \pm 7) \times E-6$
9	$(-9 \pm 3) \times E-6$	$(7 \pm 5) \times E-6$
10	$(1.670 \pm 0.005) \times E-3$	$(-2.7 \pm 0.6) \times E-5$
11	$(-6 \pm 5) \times E-6$	$(6 \pm 3) \times E-6$
12	$(3 \pm 5) \times E-6$	$(3 \pm 3) \times E-6$
13	$(3 \pm 3) \times E-6$	$(-4 \pm 4) \times E-6$
14	$(-7.13 \pm 0.03) \times E-4$	$(-7.1 \pm 47.0) \times E-7$
15	$(4.8 \pm 47.5) \times E-7$	$(-5 \pm 4) \times E-6$

