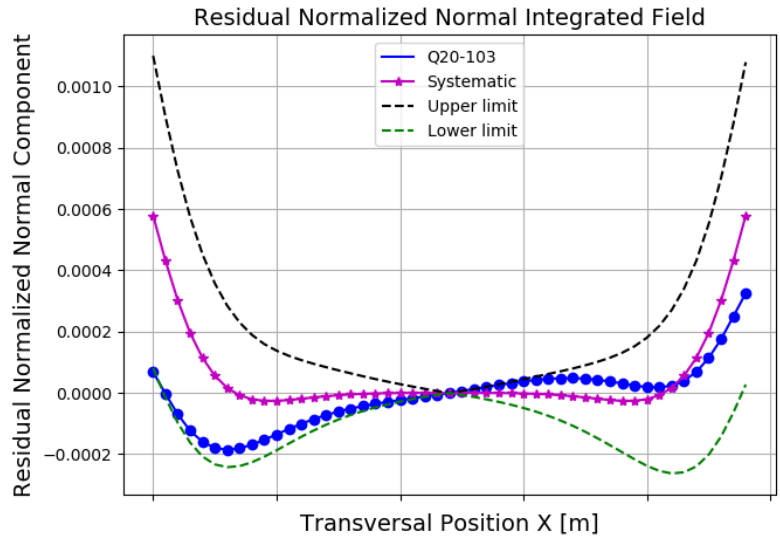


Results

Date	25/05/2018
Hour	12:25:24
Temperature [°C]	23.58
Number of Measurements	9
Main Coil Current [A]	(157.5179 ± 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]	(-9.08556 ± 0.00004)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	$(-4.9 \pm 0.2) \times E-1$
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	(2.23 ± 0.03)
Roll [mrad] - ($< \pm 0.3$)	$(6.7 \pm 0.1) \times E-2$

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)	$(4.1 \pm 0.1) \times E-5$	$(-1.86 \pm 0.03) \times E-4$
2 (quadrupole)	(1.000000 ± 0.000005)	$(1.34 \pm 0.03) \times E-4$
3 (sextupole)	$(1.48 \pm 0.03) \times E-4$	$(1.01 \pm 0.03) \times E-4$
4	$(6.8 \pm 0.3) \times E-5$	$(-1.4 \pm 0.5) \times E-5$
5	$(-1.7 \pm 0.2) \times E-5$	$(-6 \pm 3) \times E-6$
6	$(-8.32 \pm 0.04) \times E-4$	$(7.6 \pm 0.4) \times E-5$
7	$(8 \pm 2) \times E-6$	$(-1.1 \pm 0.3) \times E-5$
8	$(-6 \pm 2) \times E-6$	$(-3 \pm 4) \times E-6$
9	$(-5 \pm 4) \times E-6$	$(-9 \pm 4) \times E-6$
10	$(1.682 \pm 0.003) \times E-3$	$(-3.0 \pm 0.4) \times E-5$
11	$(-2 \pm 4) \times E-6$	$(6 \pm 4) \times E-6$
12	$(2 \pm 4) \times E-6$	$(-3 \pm 4) \times E-6$
13	$(7.7 \pm 32.0) \times E-7$	$(6 \pm 3) \times E-6$
14	$(-7.15 \pm 0.03) \times E-4$	$(1.6 \pm 0.3) \times E-5$
15	$(-3 \pm 2) \times E-6$	$(-6 \pm 3) \times E-6$

