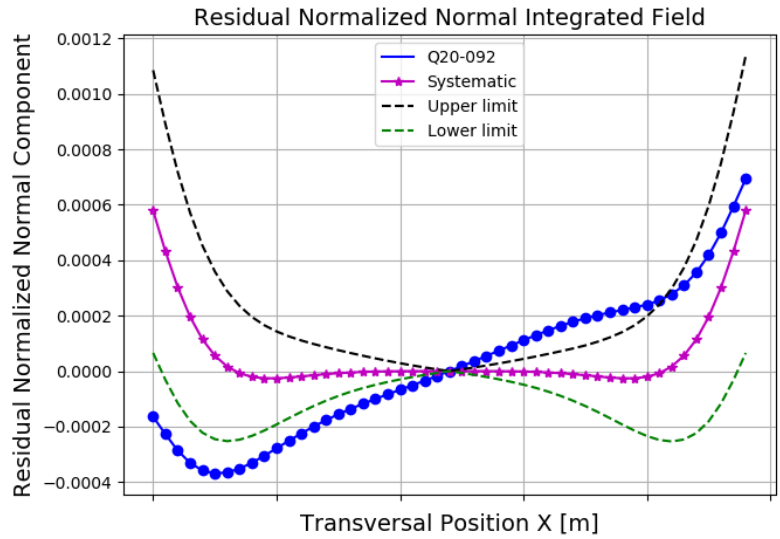


Results

Date	24/05/2018
Hour	14:20:14
Temperature [°C]	23.43
Number of Measurements	9
Main Coil Current [A]	(157.4376 ± 0.0006)
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]	(-9.08581 ± 0.00003)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	(-2.471 ± 0.009)
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	(2.49 ± 0.03)
Roll [mrad] - ($< \pm 0.3$)	$(1.68 \pm 0.01) \times E-1$

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)	$(2.059 \pm 0.008) \times E-4$	$(-2.07 \pm 0.03) \times E-4$
2 (quadrupole)	(1.000000 ± 0.000005)	$(3.37 \pm 0.03) \times E-4$
3 (sextupole)	$(4.22 \pm 0.02) \times E-4$	$(1.87 \pm 0.03) \times E-4$
4	$(1.43 \pm 0.03) \times E-4$	$(-3.6 \pm 0.2) \times E-5$
5	$(2.3 \pm 0.3) \times E-5$	$(-4.0 \pm 0.3) \times E-5$
6	$(-8.53 \pm 0.04) \times E-4$	$(4.8 \pm 0.3) \times E-5$
7	$(-2.1 \pm 0.2) \times E-5$	$(-1.7 \pm 0.3) \times E-5$
8	$(-1 \pm 3) \times E-6$	$(-5 \pm 4) \times E-6$
9	$(-8 \pm 3) \times E-6$	$(-10 \pm 3) \times E-6$
10	$(1.674 \pm 0.003) \times E-3$	$(-4 \pm 5) \times E-6$
11	$(10 \pm 4) \times E-6$	$(1 \pm 2) \times E-6$
12	$(3 \pm 5) \times E-6$	$(8 \pm 3) \times E-6$
13	$(10 \pm 5) \times E-6$	$(3 \pm 4) \times E-6$
14	$(-7.01 \pm 0.03) \times E-4$	$(-5 \pm 6) \times E-6$
15	$(-7 \pm 4) \times E-6$	$(2 \pm 5) \times E-6$

