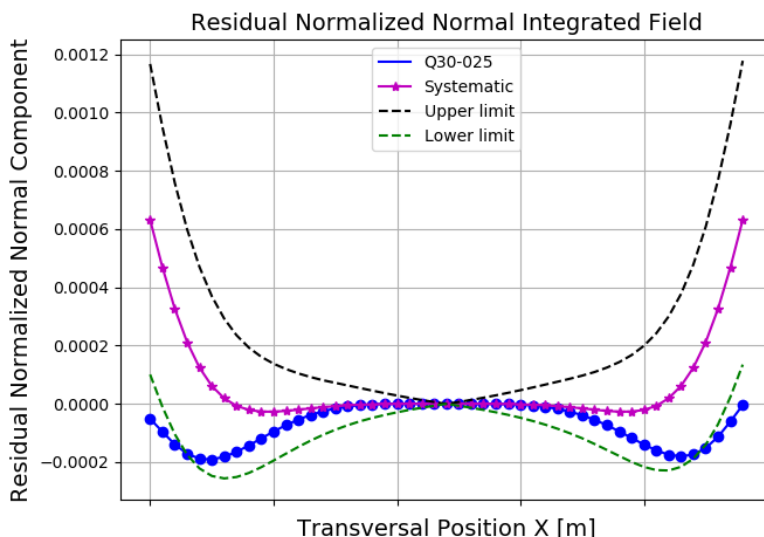


Results

Date	07/05/2018
Hour	15:52:57
Temperature [°C]	23.3
Number of Measurements	9
Main Coil Current [A]	(154.997 ± 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]	(-13.64504 ± 0.00003)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	(-3.34 ± 0.03)
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	$(2.3 \pm 0.4) \times E-1$
Roll [mrad] - ($< \pm 0.3$)	$(-1.94 \pm 0.02) \times E-1$

Electric Parameters

Inductance [mH]	9.24
Voltage [V]	7.4863
Resistance [$\text{m}\Omega$]	48.3
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)	$(2.78 \pm 0.02) \times E-4$	$(-1.9 \pm 0.3) \times E-5$
2 (quadrupole)	(1.000000 ± 0.000003)	$(-3.88 \pm 0.04) \times E-4$
3 (sextupole)	$(-2 \pm 4) \times E-6$	$(2.38 \pm 0.05) \times E-4$
4	$(3.6 \pm 0.3) \times E-5$	$(-5.2 \pm 0.4) \times E-5$
5	$(2 \pm 4) \times E-6$	$(-2.5 \pm 0.6) \times E-5$
6	$(-1.120 \pm 0.003) \times E-3$	$(9.6 \pm 0.3) \times E-5$
7	$(1.8 \pm 0.7) \times E-5$	$(-7 \pm 4) \times E-6$
8	$(3 \pm 6) \times E-6$	$(-1.0 \pm 0.9) \times E-5$
9	$(4 \pm 7) \times E-6$	$(-5 \pm 6) \times E-6$
10	$(1.787 \pm 0.006) \times E-3$	$(-4.8 \pm 0.4) \times E-5$
11	$(-7 \pm 6) \times E-6$	$(7 \pm 3) \times E-6$
12	$(3 \pm 8) \times E-6$	$(1.4 \pm 0.8) \times E-5$
13	$(8 \pm 6) \times E-6$	$(8 \pm 5) \times E-6$
14	$(-7.36 \pm 0.06) \times E-4$	$(1.1 \pm 0.6) \times E-5$
15	$(2 \pm 4) \times E-6$	$(-8 \pm 4) \times E-6$

