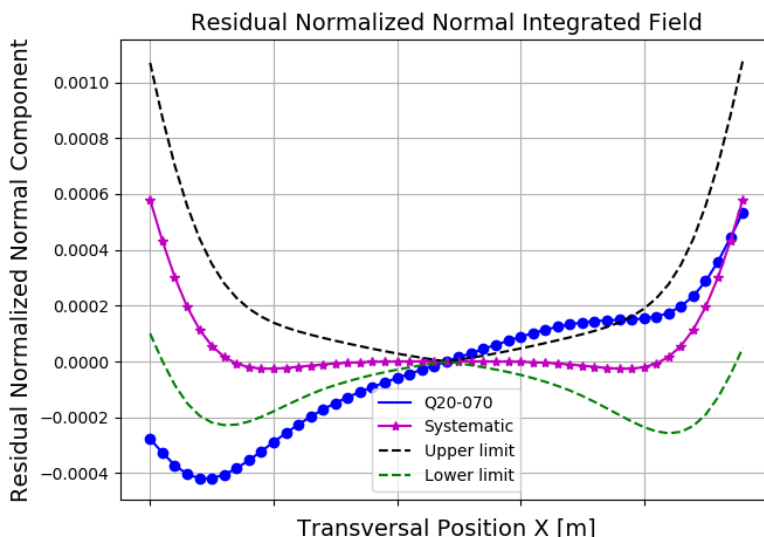


Results

Date	16/05/2018
Hour	15:25:43
Temperature [°C]	23.62
Number of Measurements	9
Main Coil Current [A]	(157.3568 ± 0.0004)
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]	(-9.08272 ± 0.00003)
Magnet Center Offset X [μm] - ($< \pm 40.0$)	(10.82 ± 0.04)
Magnet Center Offset Y [μm] - ($< \pm 40.0$)	(18.46 ± 0.05)
Roll [mrad] - ($< \pm 0.3$)	$(-4.5 \pm 0.2) \times 10^{-2}$

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)	$(-9.02 \pm 0.04) \times 10^{-4}$	$(-1.539 \pm 0.004) \times 10^{-3}$
2 (quadrupole)	(1.000000 ± 0.000005)	$(-9.0 \pm 0.4) \times 10^{-5}$
3 (sextupole)	$(3.56 \pm 0.02) \times 10^{-4}$	$(6.01 \pm 0.05) \times 10^{-4}$
4	$(3.1 \pm 0.6) \times 10^{-5}$	$(-4.3 \pm 0.4) \times 10^{-5}$
5	$(6.2 \pm 0.5) \times 10^{-5}$	$(-3.5 \pm 0.4) \times 10^{-5}$
6	$(-8.78 \pm 0.04) \times 10^{-4}$	$(8.2 \pm 0.5) \times 10^{-5}$
7	$(-5 \pm 7) \times 10^{-6}$	$(-3.3 \pm 0.5) \times 10^{-5}$
8	$(-4 \pm 5) \times 10^{-6}$	$(-5 \pm 9) \times 10^{-6}$
9	$(-1.7 \pm 0.9) \times 10^{-5}$	$(-5 \pm 5) \times 10^{-6}$
10	$(1.668 \pm 0.007) \times 10^{-3}$	$(-4.1 \pm 0.7) \times 10^{-5}$
11	$(-9.94 \pm 109.83) \times 10^{-7}$	$(8 \pm 6) \times 10^{-6}$
12	$(3 \pm 5) \times 10^{-6}$	$(8 \pm 9) \times 10^{-6}$
13	$(10 \pm 9) \times 10^{-6}$	$(1.0 \pm 0.5) \times 10^{-5}$
14	$(-6.93 \pm 0.06) \times 10^{-4}$	$(1.2 \pm 0.6) \times 10^{-5}$
15	$(1 \pm 8) \times 10^{-6}$	$(-6 \pm 7) \times 10^{-6}$

