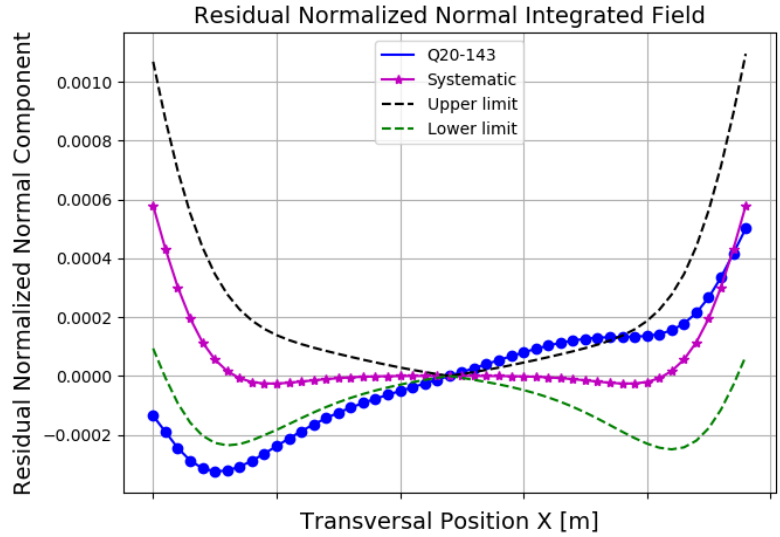


Results

Date	21/05/2018
Hour	12:42:20
Temperature [°C]	22.97
Number of Measurements	9
Main Coil Current [A]	(157.559 ± 0.003)
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]	(-9.08330 ± 0.00004)
Magnet Center Offset X [μm] - (< ±40.0)	(7.38 ± 0.03)
Magnet Center Offset Y [μm] - (< ±40.0)	(8.69 ± 0.08)
Roll [mrad] - (< ±0.3)	(-8.0 ± 0.4) x E-2

Electric Parameters

Inductance [mH]	8.9467
Voltage [V]	5.42
Resistance [mΩ]	34.4
Main Coil Number of Turns	23.25



Normalized Normal Multipoles
x=12.0 mm
[T.m⁽²⁻ⁿ⁾]

Normalized Skew Multipoles
x=12.0 mm
[T.m⁽²⁻ⁿ⁾]

n	Normalized Normal Multipoles x=12.0 mm [T.m ⁽²⁻ⁿ⁾]	Normalized Skew Multipoles x=12.0 mm [T.m ⁽²⁻ⁿ⁾]
1 (dipole)	(-6.15 ± 0.02) x E-4	(-7.24 ± 0.06) x E-4
2 (quadrupole)	(1.000000 ± 0.000007)	(-1.61 ± 0.09) x E-4
3 (sextupole)	(3.14 ± 0.06) x E-4	(1.97 ± 0.07) x E-4
4	(7.3 ± 0.4) x E-5	(2.9 ± 0.7) x E-5
5	(1.8 ± 0.3) x E-5	(-1.6 ± 0.9) x E-5
6	(-8.57 ± 0.09) x E-4	(1.1 ± 0.1) x E-4
7	(-1.6 ± 0.3) x E-5	(4 ± 9) x E-6
8	(4 ± 8) x E-6	(-1.4 ± 1.0) x E-5
9	(-1.6 ± 0.7) x E-5	(-4 ± 9) x E-6
10	(1.69 ± 0.01) x E-3	(-2 ± 1) x E-5
11	(3.4 ± 10.4) x E-6	(-5 ± 8) x E-6
12	(-8.0 ± 10.4) x E-6	(1.3 ± 0.8) x E-5
13	(1.2 ± 0.7) x E-5	(4 ± 7) x E-6
14	(-7.23 ± 0.07) x E-4	(-2 ± 2) x E-5
15	(2.2 ± 13.0) x E-6	(-3.5 ± 11.1) x E-6

