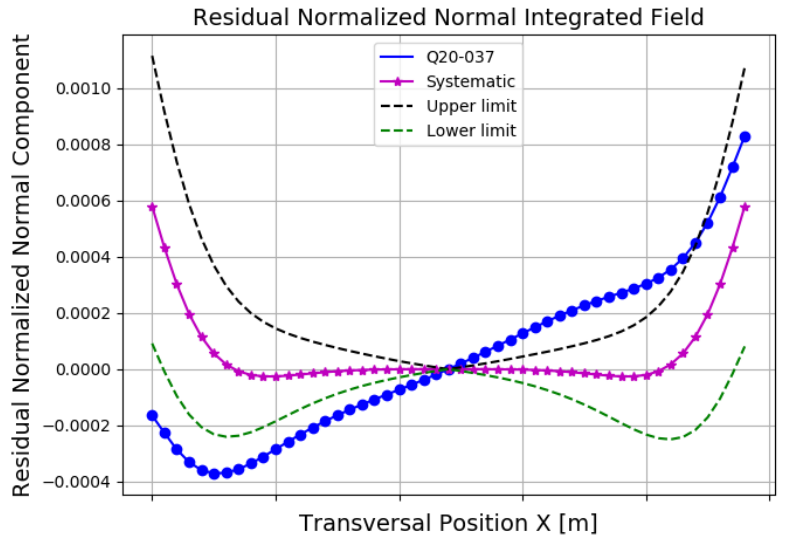


Results

Date	14/06/2018
Hour	11:15:38
Temperature [°C]	22.72
Number of Measurements	9
Main Coil Current [A]	(157.3579 ± 0.0009)
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]	(-9.10287 ± 0.00003)
Magnet Center Offset X [μm] - (< ±40.0)	(-7.00 ± 0.03)
Magnet Center Offset Y [μm] - (< ±40.0)	(-7.88 ± 0.06)
Roll [mrad] - (< ±0.3)	(7.8 ± 0.3) × 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)	(5.83 ± 0.03) × E-4	(6.57 ± 0.05) × E-4
2 (quadrupole)	(1.000000 ± 0.000005)	(1.56 ± 0.05) × E-4
3 (sextupole)	(4.68 ± 0.05) × E-4	(-1.50 ± 0.05) × E-4
4	(2.1 ± 0.1) × E-4	(-2.4 ± 0.6) × E-5
5	(2.9 ± 0.7) × E-5	(1 ± 7) × E-6
6	(-8.57 ± 0.06) × E-4	(1.20 ± 0.09) × E-4
7	(-9 ± 7) × E-6	(1.1 ± 0.9) × E-5
8	(-5 ± 6) × E-6	(-9 ± 7) × E-6
9	(-3 ± 7) × E-6	(-1 ± 6) × E-6
10	(1.697 ± 0.007) × E-3	(-2.9 ± 0.8) × E-5
11	(2.1 ± 60.6) × E-7	(-6.7 ± 10.3) × E-6
12	(-4 ± 7) × E-6	(1 ± 1) × E-5
13	(10 ± 7) × E-6	(8.2 ± 68.2) × E-7
14	(-7.08 ± 0.06) × E-4	(8.9 ± 10.1) × E-6
15	(1 ± 7) × E-6	(3.8 ± 11.7) × E-6

