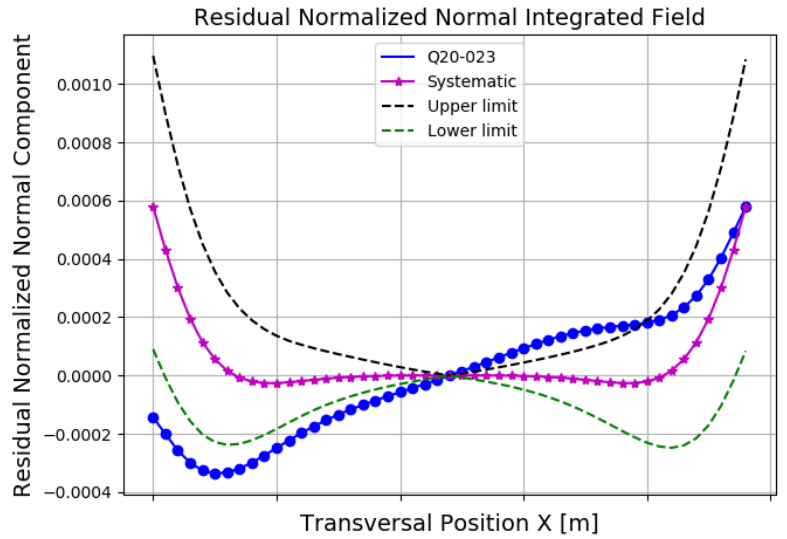


Results

Date	14/06/2018
Hour	08:58:37
Temperature [°C]	22.71
Number of Measurements	9
Main Coil Current [A]	(157.4380 ± 0.0005)
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]	(-9.09544 ± 0.00003)
Magnet Center Offset X [μm] - (< ±40.0)	(6.8 ± 0.4) × E-1
Magnet Center Offset Y [μm] - (< ±40.0)	(7.38 ± 0.06)
Roll [mrad] - (< ±0.3)	(8.4 ± 0.5) × 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)	(-5.7 ± 0.3) × E-5	(-6.15 ± 0.05) × E-4
2 (quadrupole)	(1.000000 ± 0.000005)	(1.69 ± 0.09) × E-4
3 (sextupole)	(3.58 ± 0.04) × E-4	(2.08 ± 0.09) × E-4
4	(1.22 ± 0.09) × E-4	(-7.5 ± 0.5) × E-5
5	(4 ± 5) × E-6	(-4.5 ± 0.6) × E-5
6	(-8.81 ± 0.07) × E-4	(1.21 ± 0.08) × E-4
7	(-1 ± 6) × E-6	(-6.6 ± 80.6) × E-7
8	(2 ± 9) × E-6	(3.4 ± 74.6) × E-7
9	(-1 ± 6) × E-6	(3.7 ± 64.8) × E-7
10	(1.697 ± 0.005) × E-3	(-3.8 ± 0.8) × E-5
11	(-3 ± 7) × E-6	(3 ± 5) × E-6
12	(1 ± 9) × E-6	(1 ± 5) × E-6
13	(3 ± 7) × E-6	(3 ± 8) × E-6
14	(-7.24 ± 0.03) × E-4	(6 ± 4) × E-6
15	(8.5 ± 50.8) × E-7	(-6 ± 6) × E-6

