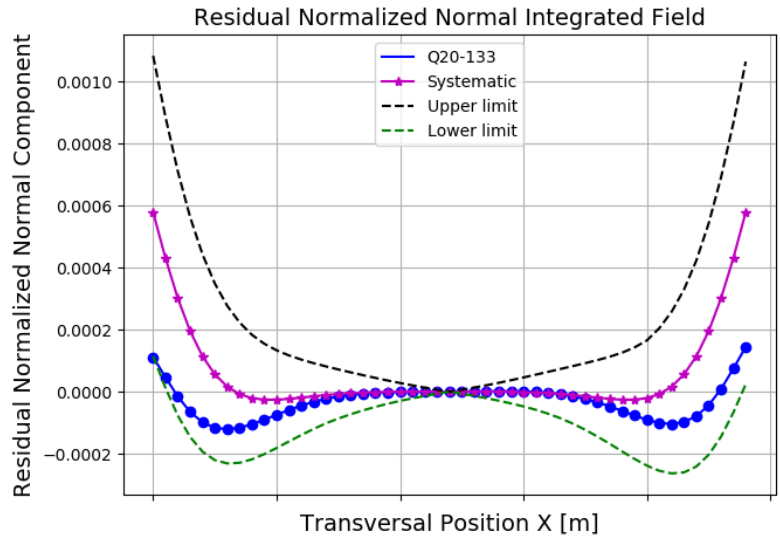


Results

Date	18/05/2018
Hour	15:01:02
Temperature [°C]	23.52
Number of Measurements	9
Main Coil Current [A]	(157.4376 ± 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]	(-9.09098 ± 0.00003)
Magnet Center Offset X [μm] - (< ±40.0)	(14.17 ± 0.02)
Magnet Center Offset Y [μm] - (< ±40.0)	(-3.91 ± 0.06)
Roll [mrad] - (< ±0.3)	(-5.1 ± 0.2) 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)	(-1.181 ± 0.002) x E-3	(3.26 ± 0.05) x E-4
2 (quadrupole)	(1.000000 ± 0.000005)	(-1.02 ± 0.03) x E-4
3 (sextupole)	(1.0 ± 0.3) x E-5	(-1.70 ± 0.04) x E-4
4	(3.6 ± 0.2) x E-5	(-8.0 ± 0.4) x E-5
5	(-3 ± 3) x E-6	(5.75 ± 511.73) x E-8
6	(-8.78 ± 0.03) x E-4	(6.5 ± 0.4) x E-5
7	(1.7 ± 0.5) x E-5	(1.2 ± 0.4) x E-5
8	(2 ± 5) x E-6	(-4 ± 6) x E-6
9	(-1.4 ± 0.2) x E-5	(2 ± 5) x E-6
10	(1.668 ± 0.003) x E-3	(-3.2 ± 0.5) x E-5
11	(-6 ± 6) x E-6	(-9.4 ± 44.1) x E-7
12	(7.7 ± 32.4) x E-7	(6 ± 4) x E-6
13	(9 ± 3) x E-6	(-3 ± 6) x E-6
14	(-7.00 ± 0.04) x E-4	(10 ± 3) x E-6
15	(3 ± 5) x E-6	(-8.4 ± 46.6) x E-7

