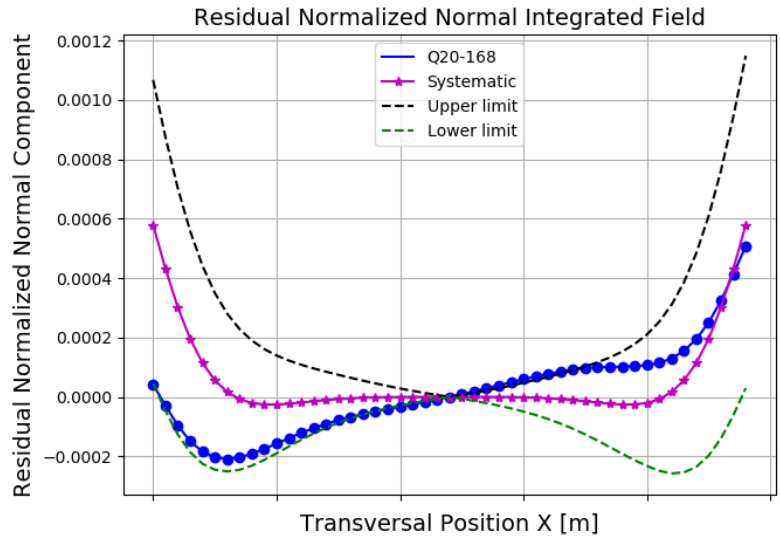


Results

Date	24/05/2018
Hour	09:51:45
Temperature [°C]	23.4
Number of Measurements	9
Main Coil Current [A]	(157.4374 ± 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]	(-9.07614 ± 0.00004)
Magnet Center Offset X [μm] - (< ±40.0)	(8.83 ± 0.03)
Magnet Center Offset Y [μm] - (< ±40.0)	(4.42 ± 0.05)
Roll [mrad] - (< ±0.3)	(1.62 ± 0.02) x E-1

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)	(-7.36 ± 0.02) x E-4	(-3.68 ± 0.04) x E-4
2 (quadrupole)	(1.000000 ± 0.000006)	(3.23 ± 0.04) x E-4
3 (sextupole)	(2.16 ± 0.02) x E-4	(7.4 ± 0.3) x E-5
4	(1.35 ± 0.02) x E-4	(8 ± 3) x E-6
5	(1.6 ± 0.2) x E-5	(1.6 ± 0.3) x E-5
6	(-8.15 ± 0.02) x E-4	(7.2 ± 0.2) x E-5
7	(7 ± 2) x E-6	(-6 ± 3) x E-6
8	(-4 ± 2) x E-6	(-7 ± 4) x E-6
9	(-9 ± 3) x E-6	(-7 ± 4) x E-6
10	(1.643 ± 0.002) x E-3	(-2.4 ± 0.3) x E-5
11	(-7 ± 3) x E-6	(3 ± 5) x E-6
12	(-3.7 ± 21.0) x E-7	(1 ± 4) x E-6
13	(5 ± 2) x E-6	(4 ± 2) x E-6
14	(-6.85 ± 0.03) x E-4	(-2 ± 3) x E-6
15	(4 ± 3) x E-6	(-4 ± 3) x E-6

