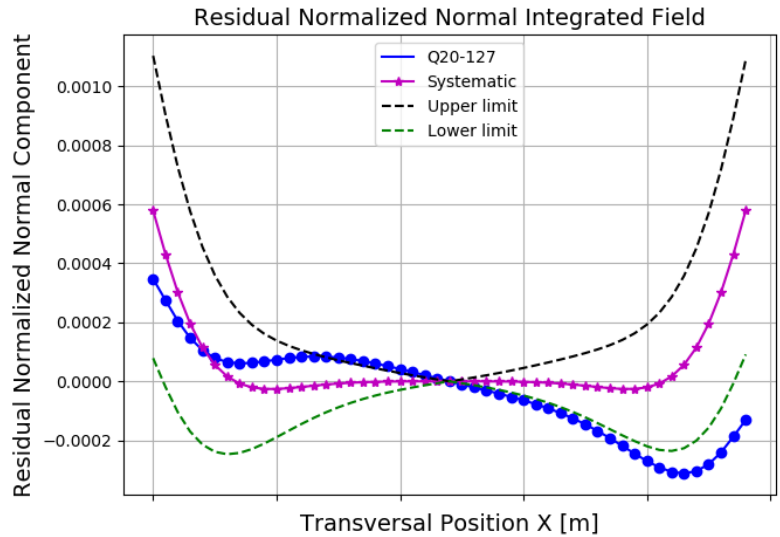


Results

Date	16/05/2018
Hour	11:48:51
Temperature [°C]	23.63
Number of Measurements	9
Main Coil Current [A]	(157.3571 ± 0.0006)
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]	(-9.08054 ± 0.00004)
Magnet Center Offset X [μm] - (< ±40.0)	(9.63 ± 0.03)
Magnet Center Offset Y [μm] - (< ±40.0)	(6.08 ± 0.03)
Roll [mrad] - (< ±0.3)	(-4.1 ± 0.1) 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)	(-8.03 ± 0.02) x E-4	(-5.07 ± 0.02) x E-4
2 (quadrupole)	(1.000000 ± 0.000006)	(-8.2 ± 0.2) x E-5
3 (sextupole)	(-2.50 ± 0.02) x E-4	(3.04 ± 0.03) x E-4
4	(2.5 ± 0.4) x E-5	(-3.2 ± 0.3) x E-5
5	(-1.2 ± 0.2) x E-5	(-3.1 ± 0.3) x E-5
6	(-8.86 ± 0.04) x E-4	(5.8 ± 0.5) x E-5
7	(3.2 ± 0.3) x E-5	(-5 ± 5) x E-6
8	(3 ± 4) x E-6	(-4 ± 5) x E-6
9	(-3 ± 5) x E-6	(-2 ± 4) x E-6
10	(1.668 ± 0.005) x E-3	(-2.5 ± 0.4) x E-5
11	(-1.3 ± 0.3) x E-5	(1 ± 3) x E-6
12	(4.3 ± 31.6) x E-7	(10 ± 4) x E-6
13	(4 ± 5) x E-6	(-1.7 ± 24.0) x E-7
14	(-7.02 ± 0.04) x E-4	(6 ± 4) x E-6
15	(4 ± 4) x E-6	(-1.3 ± 34.4) x E-7

