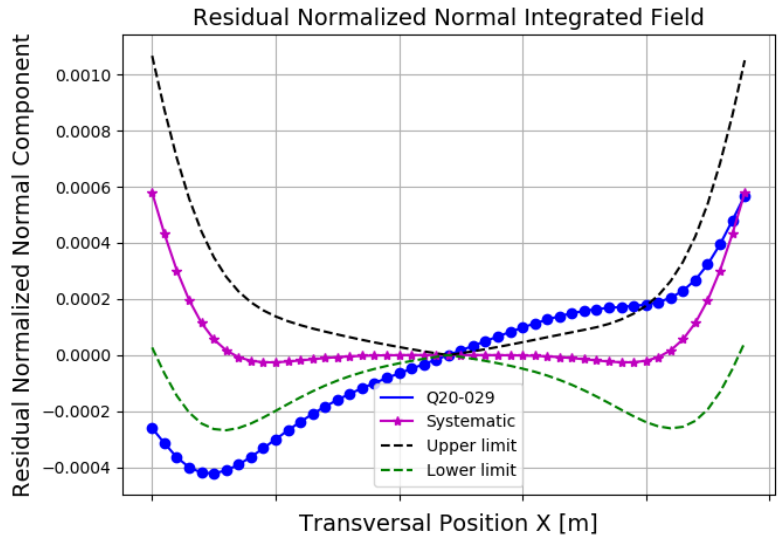


Results

Date	18/06/2018
Hour	14:46:33
Temperature [°C]	23.73
Number of Measurements	9
Main Coil Current [A]	(157.359 ± 0.002)
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]	(-9.09695 ± 0.00005)
Magnet Center Offset X [μm] - (< ±40.0)	(7.56 ± 0.03)
Magnet Center Offset Y [μm] - (< ±40.0)	(-10.0 ± 0.3) × E-1
Roll [mrad] - (< ±0.3)	(5.5 ± 0.2) × 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)	(-6.30 ± 0.02) × E-4	(8.3 ± 0.2) × E-5
2 (quadrupole)	(1.000000 ± 0.000007)	(1.10 ± 0.04) × E-4
3 (sextupole)	(3.93 ± 0.03) × E-4	(-5.4 ± 0.5) × E-5
4	(4.0 ± 0.4) × E-5	(-5.0 ± 0.4) × E-5
5	(3.5 ± 0.5) × E-5	(-3 ± 3) × E-6
6	(-8.56 ± 0.08) × E-4	(9.0 ± 0.6) × E-5
7	(1 ± 6) × E-6	(1 ± 5) × E-6
8	(-4 ± 3) × E-6	(-3 ± 6) × E-6
9	(-2.0 ± 0.6) × E-5	(-5 ± 6) × E-6
10	(1.672 ± 0.009) × E-3	(-4.1 ± 0.5) × E-5
11	(-8.2 ± 55.4) × E-7	(-2 ± 4) × E-6
12	(4 ± 5) × E-6	(1.1 ± 0.8) × E-5
13	(9 ± 5) × E-6	(4 ± 6) × E-6
14	(-7.02 ± 0.06) × E-4	(2.1 ± 0.3) × E-5
15	(-3 ± 5) × E-6	(4 ± 5) × E-6

