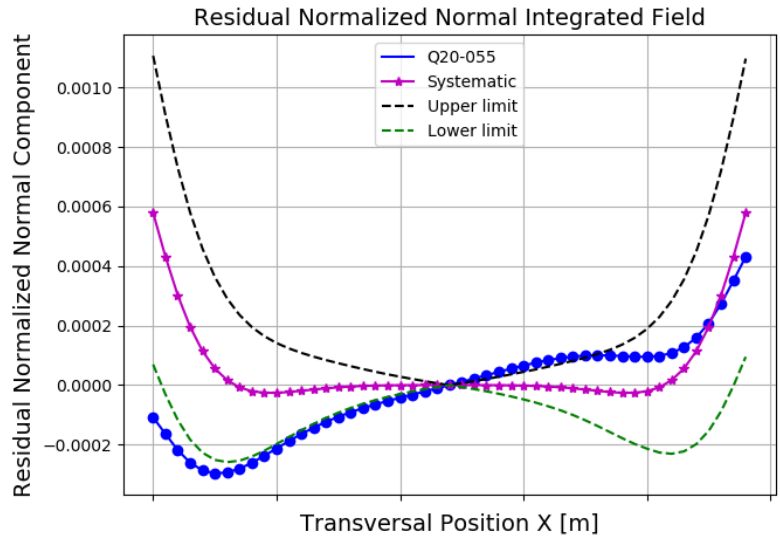


Results

Date	22/05/2018
Hour	11:48:58
Temperature [°C]	22.86
Number of Measurements	9
Main Coil Current [A]	(157.4381 ± 0.0004)
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]	(-9.06916 ± 0.00003)
Magnet Center Offset X [μm] - (< ±40.0)	(8.03 ± 0.02)
Magnet Center Offset Y [μm] - (< ±40.0)	(-1.2 ± 0.3) × E-1
Roll [mrad] - (< ±0.3)	(1.12 ± 0.02) × 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)	(-6.70 ± 0.02) × E-4	(10 ± 3) × E-6
2 (quadrupole)	(1.000000 ± 0.000005)	(2.24 ± 0.03) × E-4
3 (sextupole)	(2.60 ± 0.02) × E-4	(-9.1 ± 0.2) × E-5
4	(6.3 ± 0.4) × E-5	(5 ± 3) × E-6
5	(2.1 ± 0.2) × E-5	(2 ± 5) × E-6
6	(-8.65 ± 0.03) × E-4	(6.1 ± 0.5) × E-5
7	(-4 ± 2) × E-6	(1.3 ± 0.4) × E-5
8	(5 ± 4) × E-6	(-3 ± 2) × E-6
9	(-2.1 ± 0.2) × E-5	(-4.0 ± 24.3) × E-7
10	(1.673 ± 0.004) × E-3	(-3.2 ± 0.3) × E-5
11	(-2 ± 3) × E-6	(-5 ± 2) × E-6
12	(-7 ± 4) × E-6	(3 ± 3) × E-6
13	(1.4 ± 0.2) × E-5	(1 ± 2) × E-6
14	(-7.07 ± 0.04) × E-4	(5 ± 3) × E-6
15	(2 ± 4) × E-6	(3 ± 3) × E-6

