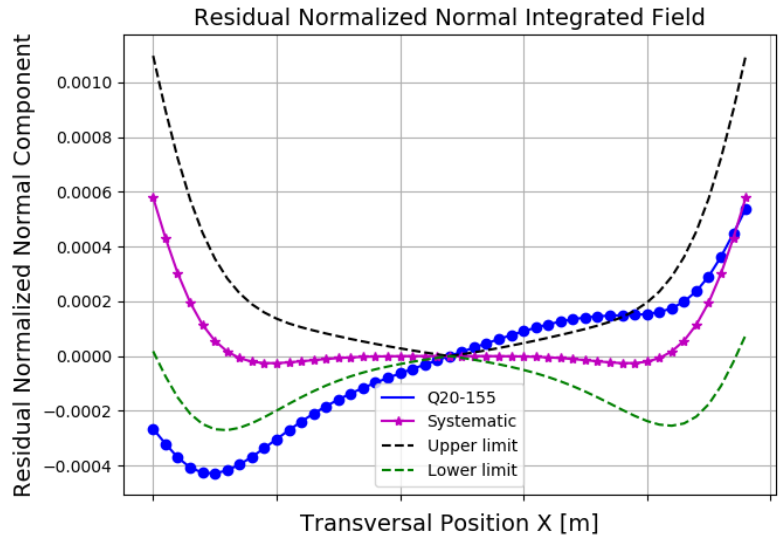


Results

Date	21/05/2018
Hour	15:05:41
Temperature [°C]	22.96
Number of Measurements	9
Main Coil Current [A]	(157.4385 ± 0.0008)
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]	(-9.08185 ± 0.00004)
Magnet Center Offset X [μm] - (< ±40.0)	(9.82 ± 0.03)
Magnet Center Offset Y [μm] - (< ±40.0)	(5.94 ± 0.08)
Roll [mrad] - (< ±0.3)	(-7.4 ± 0.4) x E-2

Electric Parameters

Inductance [mH]	8.9467
Voltage [V]	5.42
Resistance [mΩ]	34.4
Main Coil Number of Turns	23.25



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)	(-8.19 ± 0.03) x E-4	(-4.95 ± 0.07) x E-4
2 (quadrupole)	(1.000000 ± 0.000007)	(-1.49 ± 0.08) x E-4
3 (sextupole)	(3.74 ± 0.05) x E-4	(1.40 ± 0.09) x E-4
4	(-3 ± 5) x E-6	(-2.9 ± 0.5) x E-5
5	(4.6 ± 0.7) x E-5	(-1.1 ± 0.4) x E-5
6	(-8.46 ± 0.08) x E-4	(1.02 ± 0.05) x E-4
7	(-7 ± 7) x E-6	(-7 ± 4) x E-6
8	(3 ± 8) x E-6	(-2 ± 9) x E-6
9	(-1.9 ± 0.7) x E-5	(-6 ± 9) x E-6
10	(1.69 ± 0.01) x E-3	(-1.9 ± 0.5) x E-5
11	(4 ± 10) x E-6	(2 ± 10) x E-6
12	(-3.6 ± 44.8) x E-7	(5 ± 6) x E-6
13	(9 ± 5) x E-6	(5 ± 9) x E-6
14	(-7.13 ± 0.06) x E-4	(-1.2 ± 0.9) x E-5
15	(-5.1 ± 10.7) x E-6	(7.3 ± 11.4) x E-6

