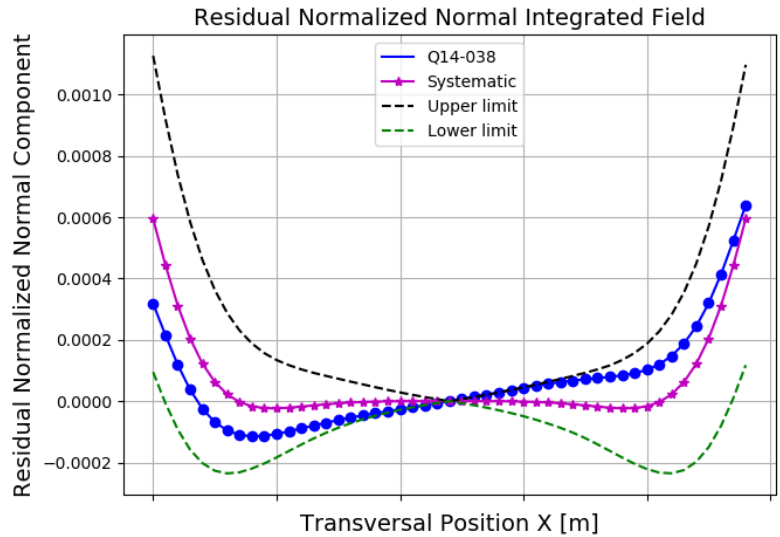


Results

Date	23/04/2018
Hour	14:40:24
Temperature [°C]	23.5
Number of Measurements	9
Main Coil Current [A]	(147.998 ± 0.001)
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]	(-5.23166 ± 0.00002)
Magnet Center Offset X [μm] - (< ±40.0)	(-2.22 ± 0.05)
Magnet Center Offset Y [μm] - (< ±40.0)	(1.95 ± 0.05)
Roll [mrad] - (< ±0.3)	(-3.76 ± 0.01) x E-1

Electric Parameters

Inductance [mH]	4.781
Voltage [V]	4.4843
Resistance [mΩ]	30.3
Main Coil Number of Turns	20.0



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)	(1.85 ± 0.04) x E-4	(-1.63 ± 0.04) x E-4
2 (quadrupole)	(1.000000 ± 0.000006)	(-7.52 ± 0.03) x E-4
3 (sextupole)	(1.66 ± 0.03) x E-4	(2.89 ± 0.05) x E-4
4	(6.0 ± 0.4) x E-5	(-4.4 ± 0.4) x E-5
5	(-7 ± 4) x E-6	(1 ± 2) x E-6
6	(-4.42 ± 0.05) x E-4	(4.9 ± 0.5) x E-5
7	(-7 ± 8) x E-6	(-2.7 ± 0.8) x E-5
8	(-4 ± 4) x E-6	(4 ± 6) x E-6
9	(1.2 ± 0.4) x E-5	(-3 ± 7) x E-6
10	(1.542 ± 0.005) x E-3	(-2.6 ± 0.7) x E-5
11	(1 ± 8) x E-6	(5 ± 5) x E-6
12	(-1 ± 5) x E-6	(4 ± 5) x E-6
13	(-2 ± 4) x E-6	(3 ± 4) x E-6
14	(-6.76 ± 0.08) x E-4	(-2.6 ± 60.2) x E-7
15	(-3 ± 6) x E-6	(-7 ± 4) x E-6

