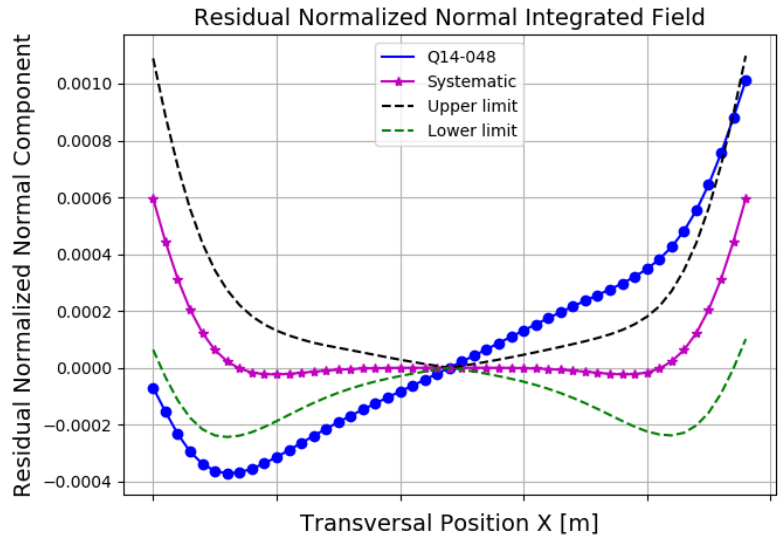


Results

Date	24/04/2018
Hour	14:45:52
Temperature [°C]	23.3
Number of Measurements	9
Main Coil Current [A]	(147.997 ± 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]	(-5.23087 ± 0.00002)
Magnet Center Offset X [μm] - (< ±40.0)	(-9.34 ± 0.05)
Magnet Center Offset Y [μm] - (< ±40.0)	(-12.19 ± 0.08)
Roll [mrad] - (< ±0.3)	(-3.60 ± 0.03) × 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)	(7.79 ± 0.04) × E-4	(1.016 ± 0.006) × E-3
2 (quadrupole)	(1.000000 ± 0.000005)	(-7.21 ± 0.07) × E-4
3 (sextupole)	(5.11 ± 0.02) × E-4	(-2.52 ± 0.05) × E-4
4	(7.5 ± 0.2) × E-5	(-4.2 ± 0.6) × E-5
5	(4.2 ± 0.3) × E-5	(8.3 ± 46.6) × E-7
6	(-4.59 ± 0.03) × E-4	(3.3 ± 0.5) × E-5
7	(-9 ± 5) × E-6	(1.6 ± 0.6) × E-5
8	(-8 ± 2) × E-6	(-10 ± 7) × E-6
9	(2 ± 3) × E-6	(3 ± 5) × E-6
10	(1.520 ± 0.004) × E-3	(-1.4 ± 0.6) × E-5
11	(4 ± 4) × E-6	(-3 ± 3) × E-6
12	(5 ± 5) × E-6	(5 ± 3) × E-6
13	(-2 ± 5) × E-6	(-1 ± 4) × E-6
14	(-6.62 ± 0.03) × E-4	(-1.0 ± 0.5) × E-5
15	(-7 ± 5) × E-6	(4 ± 5) × E-6

