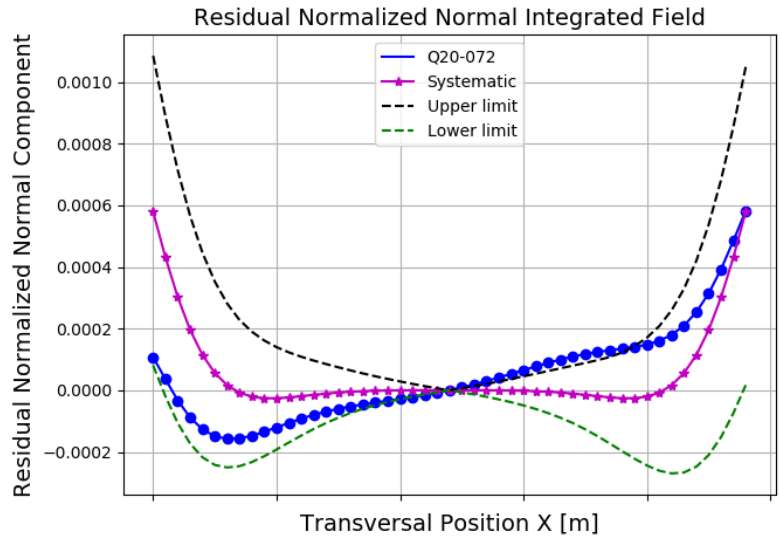


Results

Date	17/05/2018
Hour	08:48:04
Temperature [°C]	23.59
Number of Measurements	9
Main Coil Current [A]	(157.3580 ± 0.0005)
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]	(-9.07957 ± 0.00004)
Magnet Center Offset X [μm] - (< ±40.0)	(5.77 ± 0.02)
Magnet Center Offset Y [μm] - (< ±40.0)	(15.93 ± 0.07)
Roll [mrad] - (< ±0.3)	(-1.88 ± 0.03) × 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)	(-4.81 ± 0.02) × E-4	(-1.328 ± 0.005) × E-3
2 (quadrupole)	(1.000000 ± 0.000006)	(-3.76 ± 0.05) × E-4
3 (sextupole)	(2.09 ± 0.02) × E-4	(2.78 ± 0.06) × E-4
4	(2.62 ± 0.02) × E-4	(-2 ± 5) × E-6
5	(3.1 ± 0.3) × E-5	(-5 ± 3) × E-6
6	(-8.84 ± 0.02) × E-4	(7.8 ± 0.5) × E-5
7	(-2 ± 2) × E-6	(-2.1 ± 0.5) × E-5
8	(-1.8 ± 0.5) × E-5	(-5 ± 5) × E-6
9	(-2 ± 2) × E-6	(-6 ± 4) × E-6
10	(1.689 ± 0.004) × E-3	(-4.5 ± 0.7) × E-5
11	(-4 ± 4) × E-6	(3 ± 6) × E-6
12	(9 ± 6) × E-6	(9 ± 6) × E-6
13	(4.7 ± 46.2) × E-7	(2 ± 7) × E-6
14	(-7.12 ± 0.04) × E-4	(1.8 ± 0.5) × E-5
15	(5 ± 4) × E-6	(-1 ± 5) × E-6

