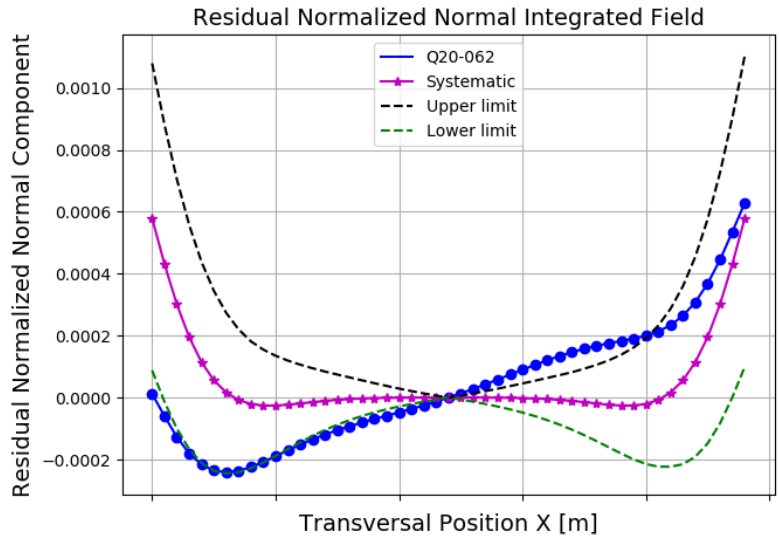


Results

Date	23/05/2018
Hour	12:24:56
Temperature [°C]	23.09
Number of Measurements	9
Main Coil Current [A]	(157.3586 ± 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]	(-9.07737 ± 0.00003)
Magnet Center Offset X [μm] - (< ±40.0)	(9.08 ± 0.02)
Magnet Center Offset Y [μm] - (< ±40.0)	(4.84 ± 0.04)
Roll [mrad] - (< ±0.3)	(1.28 ± 0.02) x 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)	(-7.56 ± 0.02) x E-4	(-4.03 ± 0.04) x E-4
2 (quadrupole)	(1.000000 ± 0.000005)	(2.55 ± 0.03) x E-4
3 (sextupole)	(3.18 ± 0.02) x E-4	(1.35 ± 0.03) x E-4
4	(2.19 ± 0.03) x E-4	(-6.2 ± 0.3) x E-5
5	(1.1 ± 0.3) x E-5	(-3.4 ± 0.3) x E-5
6	(-8.50 ± 0.03) x E-4	(8.1 ± 0.3) x E-5
7	(-1.8 ± 0.2) x E-5	(-2 ± 2) x E-6
8	(-8 ± 3) x E-6	(-4 ± 5) x E-6
9	(-1.7 ± 0.2) x E-5	(-3 ± 6) x E-6
10	(1.652 ± 0.004) x E-3	(-2.7 ± 0.3) x E-5
11	(1.3 ± 0.4) x E-5	(-1 ± 3) x E-6
12	(3 ± 2) x E-6	(9 ± 4) x E-6
13	(1.1 ± 0.4) x E-5	(7.1 ± 39.7) x E-7
14	(-6.95 ± 0.03) x E-4	(-4 ± 5) x E-6
15	(-9 ± 3) x E-6	(4 ± 5) x E-6

