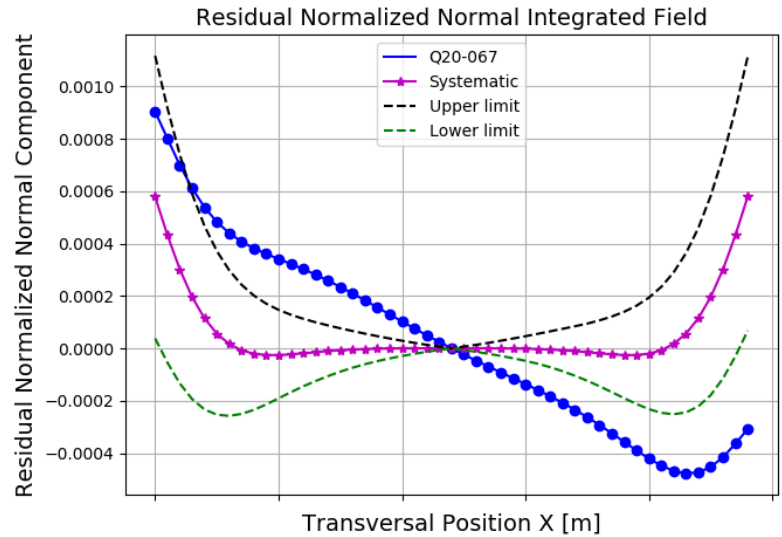


Results

| | |
|---|----------------------|
| Date | 08/06/2018 |
| Hour | 13:08:26 |
| Temperature [°C] | 23.15 |
| Number of Measurements | 9 |
| Main Coil Current [A] | (157.3582 ± 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] | (-9.09565 ± 0.00003) |
| Magnet Center Offset X [μm] - (< ±40.0) | (23.32 ± 0.03) |
| Magnet Center Offset Y [μm] - (< ±40.0) | (1.60 ± 0.07) |
| Roll [mrad] - (< ±0.3) | (2.61 ± 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) | (-1.943 ± 0.002) × E-3 | (-1.33 ± 0.05) × E-4 |
| 2 (quadrupole) | (1.000000 ± 0.000004) | (5.22 ± 0.06) × E-4 |
| 3 (sextupole) | (-5.81 ± 0.02) × E-4 | (1.12 ± 0.04) × E-4 |
| 4 | (2.13 ± 0.03) × E-4 | (-3.0 ± 0.3) × E-5 |
| 5 | (-7.0 ± 0.4) × E-5 | (-1.5 ± 0.6) × E-5 |
| 6 | (-8.78 ± 0.05) × E-4 | (7.1 ± 0.5) × E-5 |
| 7 | (5.6 ± 0.3) × E-5 | (-5 ± 4) × E-6 |
| 8 | (-1.4 ± 0.3) × E-5 | (-7 ± 4) × E-6 |
| 9 | (-6 ± 4) × E-6 | (-8.1 ± 26.9) × E-7 |
| 10 | (1.685 ± 0.005) × E-3 | (-3.5 ± 0.3) × E-5 |
| 11 | (-2.0 ± 0.5) × E-5 | (1.0 ± 0.6) × E-5 |
| 12 | (1 ± 3) × E-6 | (8 ± 4) × E-6 |
| 13 | (8 ± 3) × E-6 | (2 ± 5) × E-6 |
| 14 | (-7.10 ± 0.05) × E-4 | (1.4 ± 0.4) × E-5 |
| 15 | (8 ± 4) × E-6 | (-7 ± 3) × E-6 |

