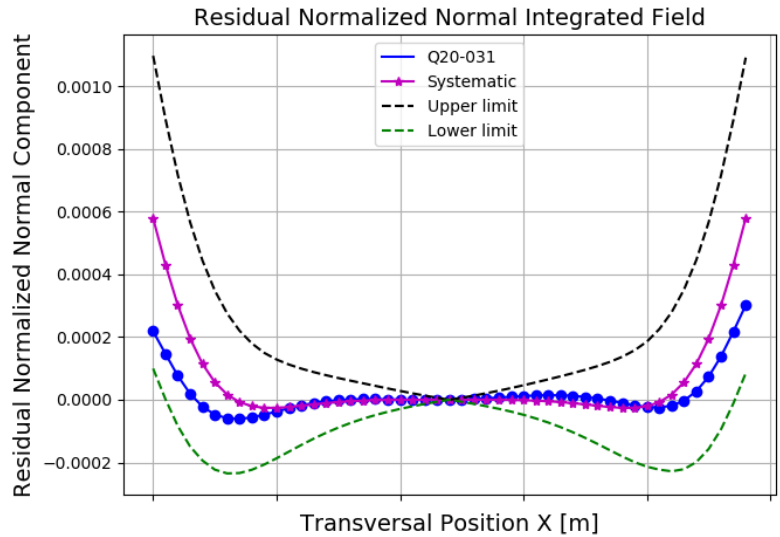


### Results

|   |                      |
|---|----------------------|
| Date                                    | 18/06/2018           |
| Hour                                    | 12:10:15             |
| Temperature [°C]                        | 23.84                |
| Number of Measurements                  | 9                    |
| Main Coil Current [A]                   | (157.5597 ± 0.0006)  |
| 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]                 | (-9.09691 ± 0.00004) |
| Magnet Center Offset X [μm] - (< ±40.0) | (16.68 ± 0.03)       |
| Magnet Center Offset Y [μm] - (< ±40.0) | (12.68 ± 0.07)       |
| Roll [mrad] - (< ±0.3)                  | (1.24 ± 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                |



| n              | Normalized Normal Multipoles<br>x=12.0 mm<br>[T.m <sup>(2-n)</sup> ] | Normalized Skew Multipoles<br>x=12.0 mm<br>[T.m <sup>(2-n)</sup> ] |
|----------------|--|--|
| 1 (dipole)     | (-1.390 ± 0.003) × E-3   | (-1.057 ± 0.006) × E-3   |
| 2 (quadrupole) | (1.000000 ± 0.000006)  | (2.49 ± 0.06) × E-4  |
| 3 (sextupole)  | (1.9 ± 0.4) × E-5  | (2.32 ± 0.06) × E-4  |
| 4              | (1.66 ± 0.03) × E-4  | (-3.4 ± 0.4) × E-5   |
| 5              | (1.0 ± 0.2) × E-5  | (-1.7 ± 0.6) × E-5   |
| 6              | (-8.73 ± 0.05) × E-4   | (8.5 ± 0.5) × E-5  |
| 7              | (1.5 ± 0.4) × E-5  | (3.9 ± 45.2) × E-7   |
| 8              | (-1.2 ± 0.5) × E-5   | (-10 ± 4) × E-6  |
| 9              | (-1.5 ± 0.3) × E-5   | (-1.2 ± 0.7) × E-5   |
| 10             | (1.682 ± 0.006) × E-3  | (-2.7 ± 0.5) × E-5   |
| 11             | (-1 ± 3) × E-6   | (-3 ± 3) × E-6   |
| 12             | (1.0 ± 0.7) × E-5  | (10 ± 4) × E-6   |
| 13             | (1.0 ± 0.3) × E-5  | (6 ± 6) × E-6  |
| 14             | (-7.12 ± 0.05) × E-4   | (1.2 ± 0.5) × E-5  |
| 15             | (5 ± 4) × E-6  | (2.0 ± 58.1) × E-7   |

