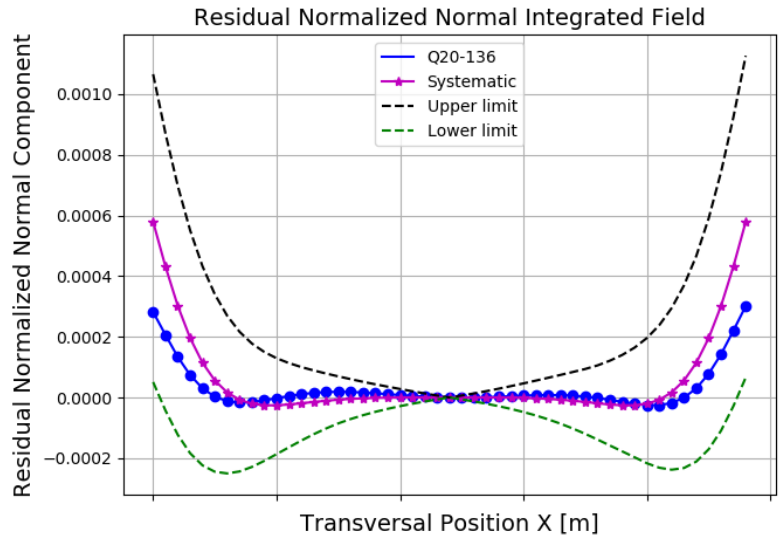


### Results

|   |                      |
|---|----------------------|
| Date                                    | 29/05/2018           |
| Hour                                    | 09:19:47             |
| Temperature [°C]                        | 22.62                |
| Number of Measurements                  | 9                    |
| Main Coil Current [A]                   | (157.3587 ± 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]                 | (-9.08015 ± 0.00004) |
| Magnet Center Offset X [μm] - (< ±40.0) | (3.83 ± 0.03)        |
| Magnet Center Offset Y [μm] - (< ±40.0) | (2.91 ± 0.07)        |
| Roll [mrad] - (< ±0.3)                  | (1.08 ± 0.02) × 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)     | (-3.19 ± 0.02) × E-4   | (-2.42 ± 0.06) × E-4   |
| 2 (quadrupole) | (1.000000 ± 0.000006)  | (2.16 ± 0.04) × E-4  |
| 3 (sextupole)  | (-1.7 ± 0.2) × E-5   | (-2.4 ± 0.4) × E-5   |
| 4              | (2.14 ± 0.02) × E-4  | (-5.1 ± 0.4) × E-5   |
| 5              | (1.3 ± 0.3) × E-5  | (6 ± 3) × E-6  |
| 6              | (-8.84 ± 0.03) × E-4   | (4.5 ± 0.3) × E-5  |
| 7              | (2.0 ± 0.3) × E-5  | (1.2 ± 0.4) × E-5  |
| 8              | (-7 ± 2) × E-6   | (-1 ± 2) × E-6   |
| 9              | (-3.4 ± 25.5) × E-7  | (-6 ± 5) × E-6   |
| 10             | (1.674 ± 0.003) × E-3  | (-1.0 ± 0.4) × E-5   |
| 11             | (-6 ± 2) × E-6   | (-5 ± 3) × E-6   |
| 12             | (2 ± 3) × E-6  | (5 ± 3) × E-6  |
| 13             | (-1 ± 3) × E-6   | (5 ± 3) × E-6  |
| 14             | (-7.07 ± 0.04) × E-4   | (-7 ± 5) × E-6   |
| 15             | (1 ± 3) × E-6  | (3 ± 4) × E-6  |

