

### Results

Date 12/07/2018

Hour 16:10:06

Temperature [°C] 23.11

Number of Measurements 9

Main Coil Current [A] (167.7976 ± 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/m] (-359.404 ± 0.004)

Magnet Center Offset X [μm] - (< ±40.0) (3.4 ± 0.2) × E-1

Magnet Center Offset Y [μm] - (< ±40.0) (19.62 ± 0.04)

Roll [mrad] - (< ±0.3) (-2.5 ± 0.4) × E-2

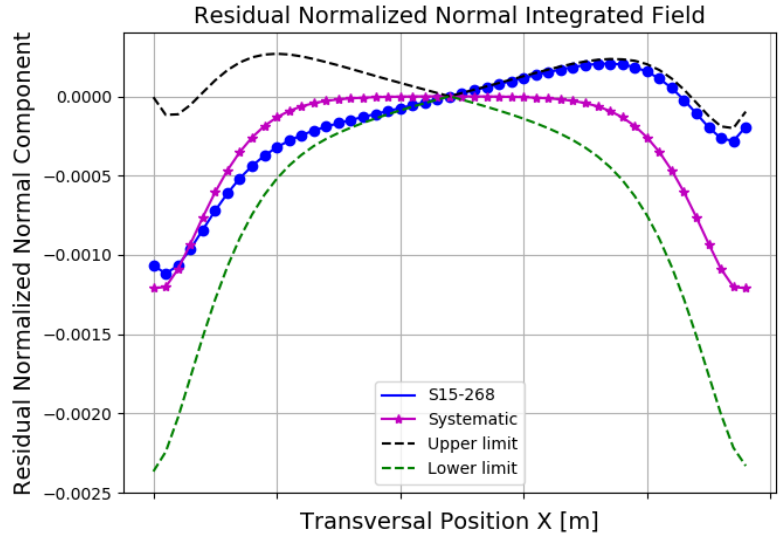
### Electric Parameters

Inductance [mH] 3.157

Voltage [V] 6.0106

Resistance [mΩ] 35.82

Main Coil Number of Turns 11.25



Normalized Normal Multipoles  
x=12.0 mm  
[T.m<sup>(2-n)</sup>]

Normalized Skew Multipoles  
x=12.0 mm  
[T.m<sup>(2-n)</sup>]

n

1 (dipole)

(-5.33 ± 0.08) × E-4

(-9.5 ± 0.9) × E-5

2 (quadrupole)

(-5.6 ± 0.3) × E-5

(-3.271 ± 0.007) × E-3

3 (sextupole)

(1.00000 ± 0.00001)

(-7 ± 1) × E-5

4

(4.54 ± 0.08) × E-4

(1.19 ± 0.05) × E-4

5

(4 ± 2) × E-5

(3.29 ± 0.06) × E-4

6

(-2 ± 1) × E-5

(-2 ± 1) × E-5

7

(2 ± 1) × E-5

(-1.1 ± 0.2) × E-4

8

(-4.5 ± 11.5) × E-6

(6.8 ± 14.3) × E-6

9

(-1.94 ± 0.01) × E-3

(4.1 ± 0.1) × E-4

10

(3.6 ± 13.6) × E-6

(-1.2 ± 11.5) × E-6

11

(-5.5 ± 24.6) × E-6

(-2 ± 1) × E-5

12

(-2 ± 2) × E-5

(2.1 ± 22.4) × E-6

13

(1.4 ± 0.9) × E-5

(4 ± 2) × E-5

14

(2 ± 2) × E-5

(-2 ± 2) × E-5

15

(1.25 ± 0.02) × E-3

(4 ± 1) × E-5

