

Results

Date 02/08/2018

Hour 09:17:38

Temperature [°C] 22.938

Number of Measurements 9

Main Coil Current [A] (167.7987 ± 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/m] (-360.105 ± 0.005)

Magnet Center Offset X [μm] - (< ±40.0) (12.92 ± 0.08)

Magnet Center Offset Y [μm] - (< ±40.0) (17.8 ± 0.2)

Roll [mrad] - (< ±0.3) (1.1 ± 0.2) × E-1

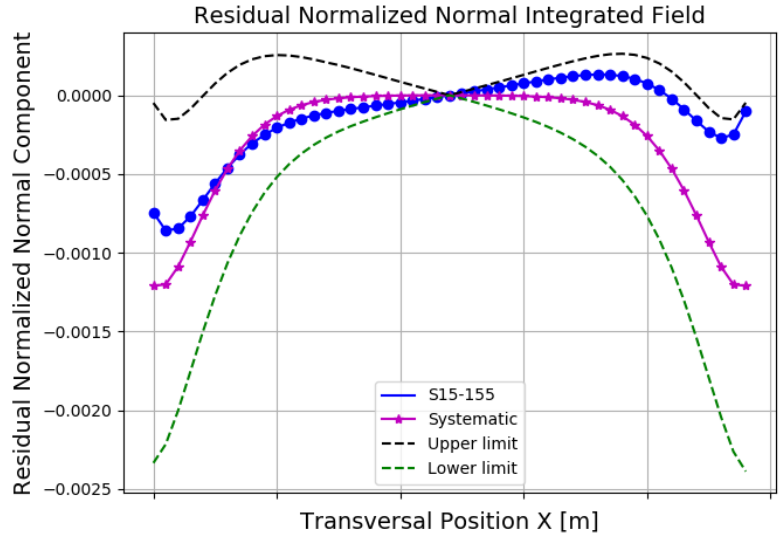
Electric Parameters

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⁽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)	(-5.8 ± 0.1) × E-4	(-1.8 ± 0.3) × E-4
2 (quadrupole)	(-2.15 ± 0.01) × E-3	(-2.96 ± 0.03) × E-3
3 (sextupole)	(1.00000 ± 0.00002)	(3.4 ± 0.5) × E-4
4	(2.9 ± 0.2) × E-4	(-2.0 ± 0.2) × E-4
5	(8 ± 3) × E-5	(6 ± 3) × E-5
6	(-5 ± 3) × E-5	(2.5 ± 40.2) × E-6
7	(4 ± 3) × E-5	(-6 ± 3) × E-5
8	(1.0 ± 0.3) × E-4	(4 ± 4) × E-5
9	(-1.91 ± 0.04) × E-3	(7.5 ± 0.5) × E-4
10	(2 ± 3) × E-5	(5 ± 5) × E-5
11	(-1.9 ± 20.1) × E-6	(-5 ± 2) × E-5
12	(-5.22 ± 328.90) × E-7	(-3.3 ± 32.8) × E-6
13	(6.6 ± 33.8) × E-6	(3 ± 3) × E-5
14	(-4 ± 2) × E-5	(-2 ± 4) × E-5
15	(1.37 ± 0.03) × E-3	(-4 ± 3) × E-5

