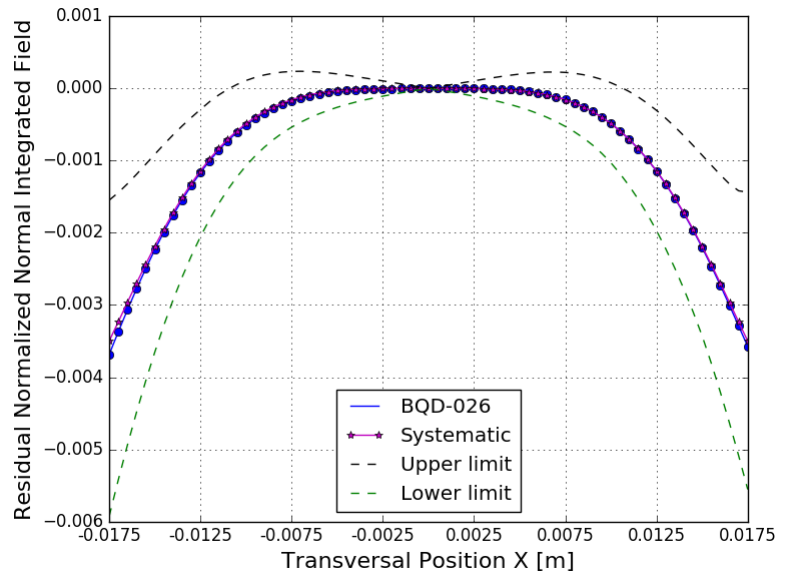


**BQD-026****BOOSTER MAGNET REPORT****Results**

Date	11/05/2016
Hour	16:48:40
Temperature [°C]	23.6
Number of Measurements	17
Main Coil Current [A]	(31.99 ± 0.02)
Trim Coil Current [A]	--
Integrated Gradient [T]	(-5.3011 ± 0.0001) x E-1
Magnet Center Offset X [μm] - (< ±160.0)	(-23.9 ± 0.2)
Magnet Center Offset Y [μm] - (< ±160.0)	(-46.2 ± 0.3)
Roll [mrad] - (< ±0.8)	(-2.4 ± 0.2) x E-1

Electric Parameters

Inductance [mH]	3.742
Voltage [V]	0.2789
Resistance [mΩ]	27.89
Main Coil Number of Turns	27.5



n	Normalized Normal Multipoles x=17.5 mm [T.m ⁽²⁻ⁿ⁾]	Normalized Skew Multipoles x=17.5 mm [T.m ⁽²⁻ⁿ⁾]
1 (dipole)	(-1.366 ± 0.009) x E-3	(-2.64 ± 0.02) x E-3
2 (quadrupole)	(1.00000 ± 0.00002)	(-4.8 ± 0.1) x E-4
3 (sextupole)	(2.8 ± 0.9) x E-5	(-5.8 ± 0.2) x E-4
4	(-4 ± 1) x E-5	(1.5 ± 0.2) x E-4
5	(-4 ± 1) x E-5	(10 ± 2) x E-5
6	(-4.66 ± 0.01) x E-3	(-2 ± 2) x E-5
7	(4 ± 2) x E-5	(1.5 ± 1.0) x E-5
8	(3 ± 2) x E-5	(-3 ± 1) x E-5
9	(-3 ± 2) x E-5	(3 ± 3) x E-5
10	(1.14 ± 0.01) x E-3	(1 ± 3) x E-5
11	(1 ± 1) x E-5	(-3 ± 2) x E-5
12	(8.7 ± 15.9) x E-6	(5 ± 3) x E-5
13	(6.6 ± 22.1) x E-6	(5 ± 2) x E-5
14	(-1.0 ± 0.2) x E-4	(5.8 ± 34.0) x E-6
15	(4 ± 1) x E-5	(1 ± 3) x E-5

