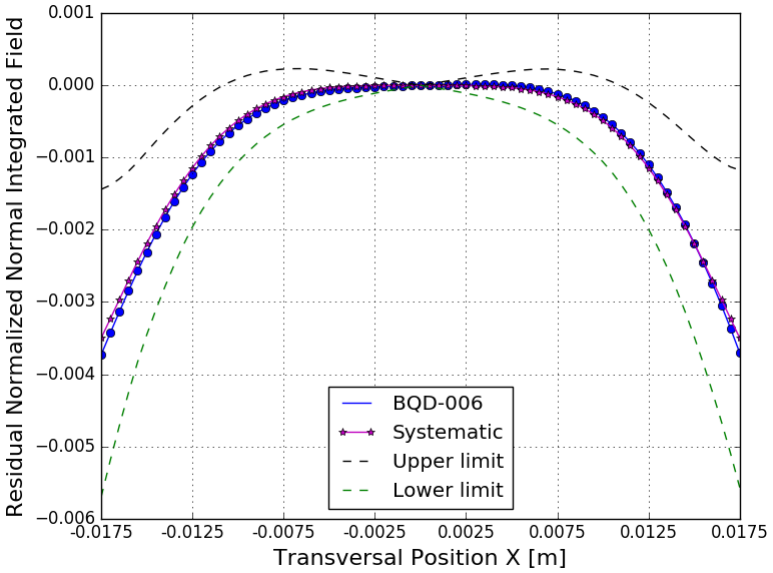
BQD-006

BOOSTER MAGNET REPORT

Results	
Date	04/05/2016
Hour	15:44:41
Temperature [°C]	23.2
Number of Measurements	17
Main Coil Current [A]	(31.9804 ± 0.0004)
Trim Coil Current [A]	(0 ± 0)
Integrated Gradient [T]	(-5.30946 ± 0.00006) x E-1
Magnet Center Offset X [μm] - (< ±160.0)	(6.09 ± 0.08)
Magnet Center Offset Y [μm] - (< ±160.0)	(-25.6 ± 0.2)
Roll [mrad] - (< ±0.8)	(-4.2 ± 0.2) x E-1
Electric Parameters	
Indutance [mH]	3.692
Voltage [V]	0.2762
Resistance [mΩ]	27.62
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)	(3.48 ± 0.05) x E-4	(-1.47 ± 0.01) x E-3
2 (quadrupole)	(1.00000 ± 0.00001)	(-8.3 ± 0.1) x E-4
3 (sextupole)	(1.19 ± 0.07) x E-4	(-1.12 ± 0.01) x E-3
4	(-3.4 ± 0.8) x E-5	(10 ± 1) x E-5
5	(-7 ± 1) x E-5	(9 ± 1) x E-5
6	(-4.67 ± 0.01) x E-3	(-8 ± 2) x E-5
7	(5 ± 1) x E-5	(2 ± 1) x E-5
8	(-5 ± 1) x E-5	(-4 ± 2) x E-5
9	(-3 ± 1) x E-5	(-7 ± 2) x E-5
10	(1.18 ± 0.02) x E-3	(-5 ± 1) x E-5
11	(-3.19 ± 171.73) x E-7	(-5 ± 1) x E-5
12	(-3 ± 1) x E-5	(-2 ± 2) x E-5
13	(-4 ± 2) x E-5	(-5 ± 2) x E-5
14	(-1.2 ± 0.3) x E-4	(-5 ± 2) x E-5
15	(-1 ± 2) x E-5	(-8 ± 2) x E-5