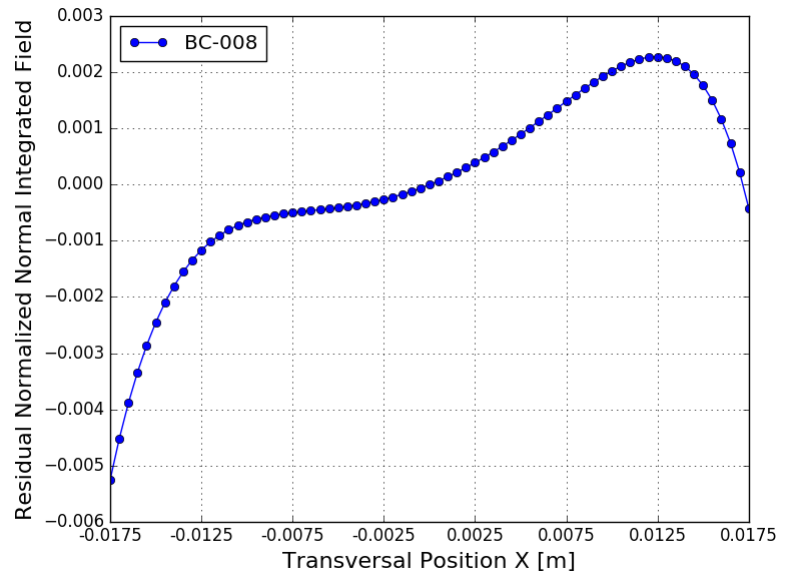


**BC-008****BOOSTER MAGNET REPORT****Results**

Date	17/03/2015
Hour	09:30:25
Temperature [°C]	24.0
Number of Measurements	20
Main Coil Current [A]	(9.980 ± 0.007)
Trim Coil Current [A]	--
Integrated Field [T.m]	(-3.3242 ± 0.0002) x E-3
Magnet Center Offset X [μm]	--
Magnet Center Offset Y [μm]	--
Roll [mrad]	(-5.7 ± 0.9) x E-1

Electric Parameters

Indutance [mH]	3.180
Voltage [V]	--
Resistance [mΩ]	69.180
Main Coil Number of Turns	38.5



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)	(1.00000 ± 0.00006)	(-5.7 ± 0.3) x E-4
2 (quadrupole)	(2.28 ± 0.08) x E-3	(7.4 ± 0.4) x E-4
3 (sextupole)	(3.20 ± 0.08) x E-3	(3 ± 1) x E-4
4	(9.5 ± 13.3) x E-5	(1.0 ± 0.4) x E-4
5	(-2.1 ± 0.1) x E-3	(-1.6 ± 0.8) x E-4
6	(5 ± 1) x E-4	(2 ± 1) x E-4
7	(-3.9 ± 0.1) x E-3	(3 ± 1) x E-4
8	(-1.5 ± 0.7) x E-4	(-2 ± 7) x E-5
9	(-1 ± 1) x E-4	(1.2 ± 0.6) x E-4
10	(-3 ± 1) x E-4	(-3 ± 1) x E-4
11	(4 ± 1) x E-4	(5 ± 7) x E-5
12	(-3.9 ± 15.5) x E-5	(-6 ± 9) x E-5
13	(-1.0 ± 0.5) x E-4	(3.8 ± 11.2) x E-5
14	(3 ± 10) x E-5	(-1 ± 1) x E-4
15	(-2 ± 1) x E-4	(4 ± 8) x E-5

