



BC-037

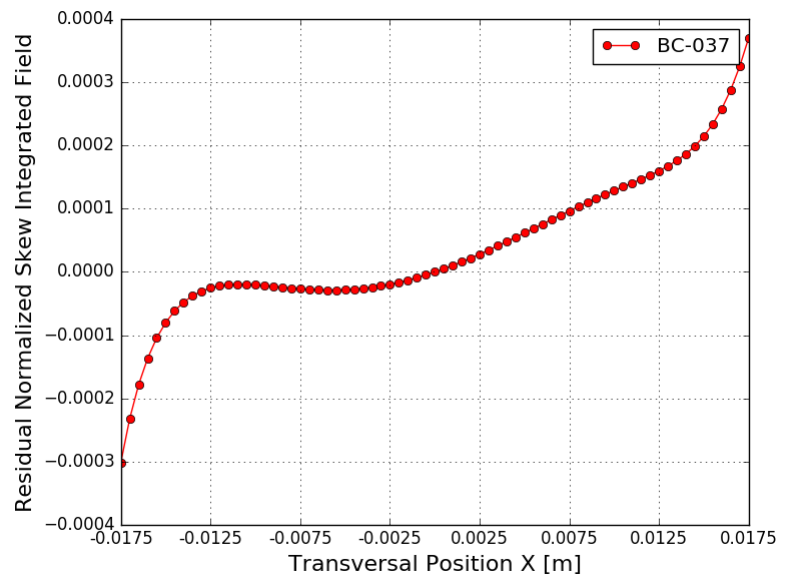
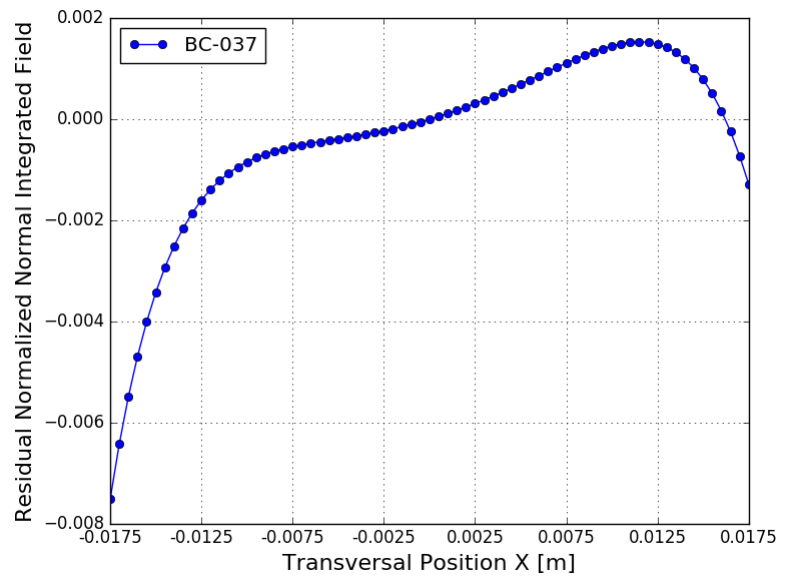
## BOOSTER MAGNET REPORT

### Results

Date	04/05/2015
Hour	17:10:02
Temperature [°C]	24.0
Number of Measurements	20
Main Coil Current [A]	(9.977 ± 0.004)
Trim Coil Current [A]	--
Integrated Field [T.m]	(-3.3796 ± 0.0001) x E-3
Magnet Center Offset X [μm]	--
Magnet Center Offset Y [μm]	--
Roll [mrad]	(-7.1 ± 0.9) x E-1

### Electric Parameters

Indutance [mH]	3.128
Voltage [V]	0.681
Resistance [mΩ]	75.675
Main Coil Number of Turns	38.5



n	Normalized Normal Multipoles x=17.5 mm [T.m <sup>(2-n)</sup> ]	Normalized Skew Multipoles x=17.5 mm [T.m <sup>(2-n)</sup> ]
1 (dipole)	(1 ± 0)	(-7 ± 0) x E-4
2 (quadrupole)	(2 ± 0) x E-3	(2 ± 0) x E-4
3 (sextupole)	(2 ± 0) x E-3	(2 ± 0) x E-4
4	(1 ± 0) x E-4	(-2 ± 0) x E-4
5	(-2 ± 0) x E-3	(-1 ± 0) x E-4
6	(8 ± 0) x E-4	(7 ± 0) x E-5
7	(-4 ± 0) x E-3	(-1 ± 0) x E-4
8	(5 ± 0) x E-5	(1 ± 0) x E-4
9	(-3 ± 0) x E-4	(-8 ± 0) x E-7
10	(-2 ± 0) x E-4	(6 ± 0) x E-5
11	(4 ± 0) x E-4	(8 ± 0) x E-5
12	(2 ± 0) x E-4	(5 ± 0) x E-5
13	(-2 ± 0) x E-4	(9 ± 0) x E-5
14	(2 ± 0) x E-4	(2 ± 0) x E-5
15	(-8 ± 0) x E-5	(-1 ± 0) x E-4