



BC-036

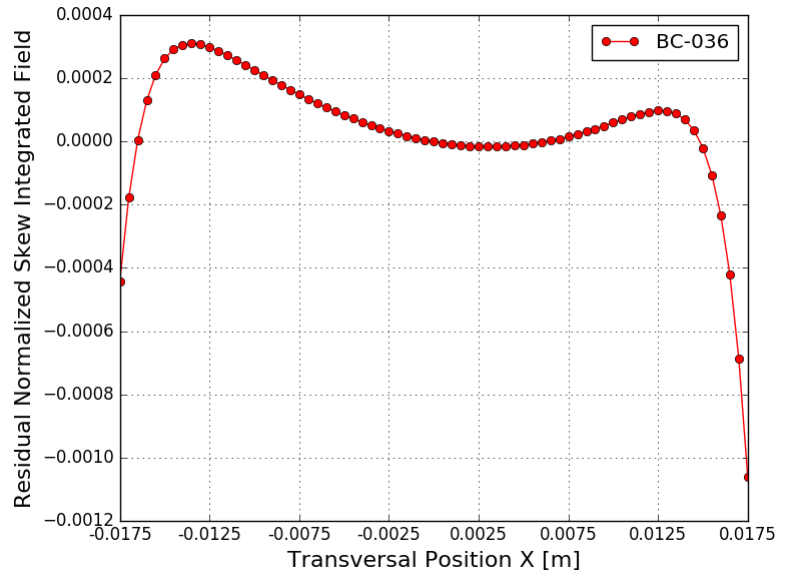
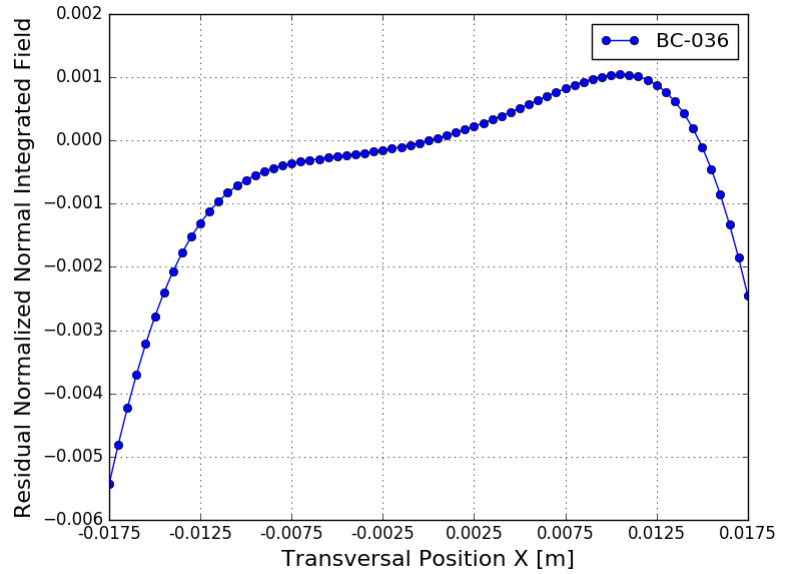
## BOOSTER MAGNET REPORT

### Results

Date	04/05/2015
Hour	16:03:24
Temperature [°C]	24.0
Number of Measurements	20
Main Coil Current [A]	(9.977 ± 0.007)
Trim Coil Current [A]	--
Integrated Field [T.m]	(-3.3891 ± 0.0002) x E-3
Magnet Center Offset X [μm]	--
Magnet Center Offset Y [μm]	--
Roll [mrad]	(-5.0 ± 1.0) x E-1

### Electric Parameters

Indutance [mH]	3.150
Voltage [V]	0.741
Resistance [mΩ]	82.371
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)	(-5 ± 0) x E-4
2 (quadrupole)	(1 ± 0) x E-3	(-2 ± 0) x E-4
3 (sextupole)	(2 ± 0) x E-3	(4 ± 0) x E-4
4	(3 ± 0) x E-4	(1 ± 0) x E-4
5	(-2 ± 0) x E-3	(1 ± 0) x E-5
6	(6 ± 0) x E-4	(-6 ± 0) x E-5
7	(-4 ± 0) x E-3	(-3 ± 0) x E-5
8	(-5 ± 0) x E-4	(2 ± 0) x E-5
9	(-2 ± 0) x E-4	(-2 ± 0) x E-4
10	(-4 ± 0) x E-4	(-1 ± 0) x E-5
11	(8 ± 0) x E-4	(-2 ± 0) x E-4
12	(4 ± 0) x E-5	(-2 ± 0) x E-4
13	(1 ± 0) x E-4	(-4 ± 0) x E-4
14	(2 ± 0) x E-4	(-3 ± 0) x E-5
15	(1 ± 0) x E-4	(-5 ± 0) x E-4