



BC-062

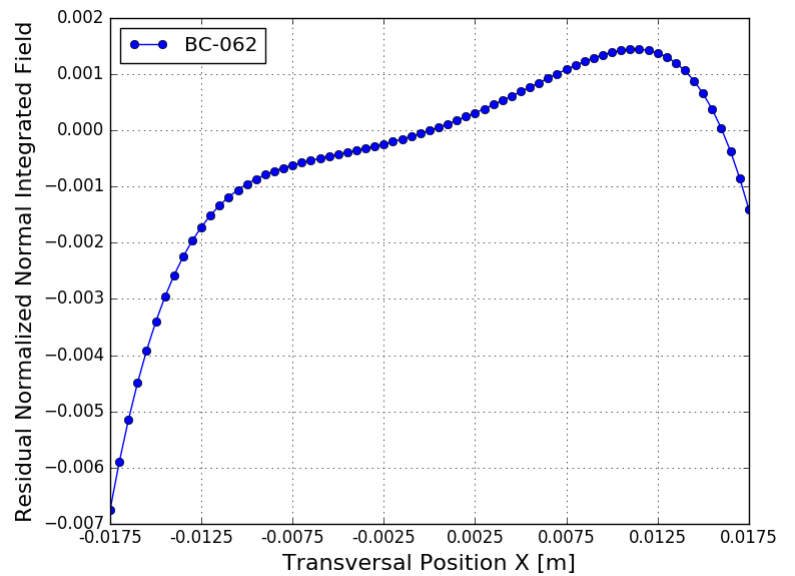
BOOSTER MAGNET REPORT

Results

Date	08/05/2015
Hour	11:29:35
Temperature [°C]	24.0
Number of Measurements	20
Main Coil Current [A]	(9.9782 ± 0.0005)
Trim Coil Current [A]	--
Integrated Field [T.m]	(-3.3810 ± 0.0001) x E-3
Magnet Center Offset X [μm]	--
Magnet Center Offset Y [μm]	--
Roll [mrad]	(-4.6 ± 0.2) x E-1

Electric Parameters

Indutance [mH]	3.160
Voltage [V]	0.693
Resistance [mΩ]	76.956
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 ± 0)	(-5 ± 0) x E-4
2 (quadrupole)	(2 ± 0) x E-3	(2 ± 0) x E-4
3 (sextupole)	(2 ± 0) x E-3	(3 ± 0) x E-4
4	(6 ± 0) x E-5	(-6 ± 0) x E-5
5	(-2 ± 0) x E-3	(-4 ± 0) x E-5
6	(8 ± 0) x E-4	(5 ± 0) x E-5
7	(-4 ± 0) x E-3	(-5 ± 0) x E-6
8	(-1 ± 0) x E-5	(6 ± 0) x E-5
9	(-3 ± 0) x E-5	(2 ± 0) x E-5
10	(-2 ± 0) x E-4	(-8 ± 0) x E-5
11	(5 ± 0) x E-4	(-3 ± 0) x E-5
12	(4 ± 0) x E-5	(5 ± 0) x E-5
13	(-4 ± 0) x E-5	(-2 ± 0) x E-6
14	(4 ± 0) x E-5	(-3 ± 0) x E-5
15	(-5 ± 0) x E-5	(-6 ± 0) x E-5

