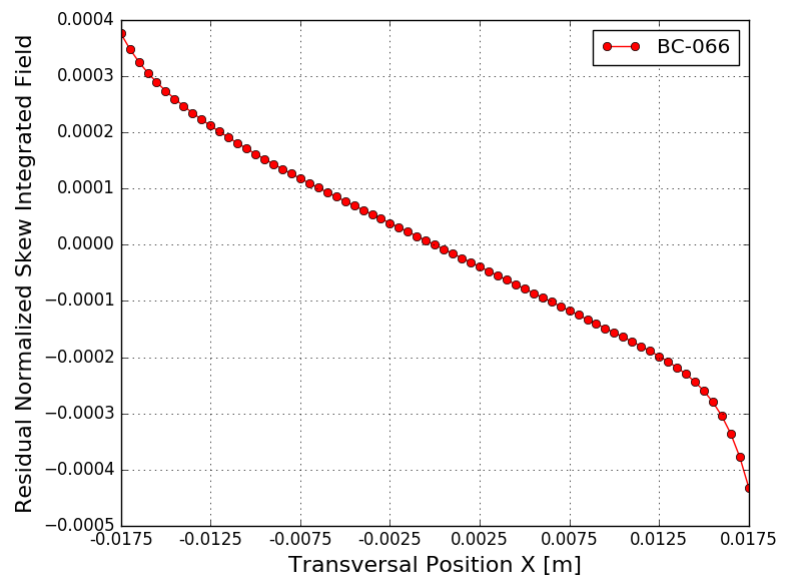
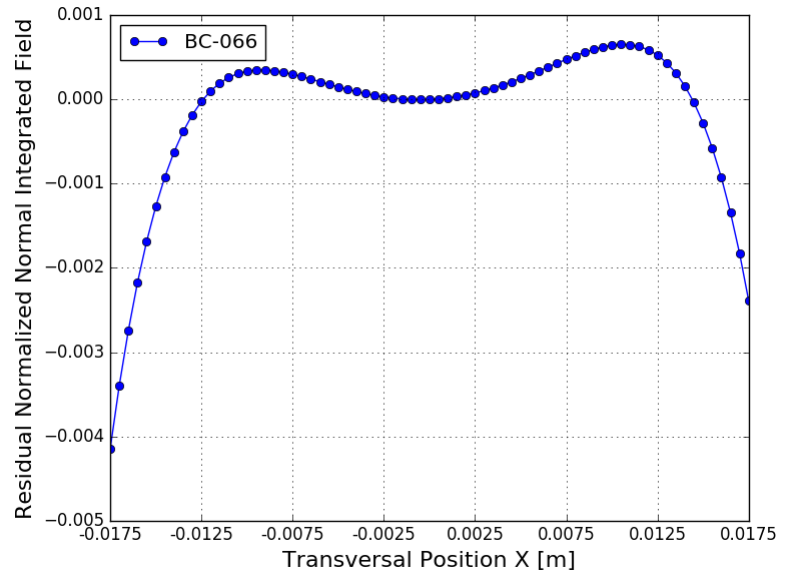


**BC-066****BOOSTER MAGNET REPORT****Results****Date** 27/04/2016**Hour** 14:17:21**Temperature [°C]** 23.0**Number of Measurements** 17**Main Coil Current [A]** (9.9786 ± 0.0004)**Trim Coil Current [A]** --**Integrated Field [T.m]** (-3.37940 ± 0.00005) x E-3**Magnet Center Offset X [μm]** --**Magnet Center Offset Y [μm]** --**Roll [mrad]** (-5.2 ± 0.3) x E-1**Electric Parameters****Indutance [mH]** 3.183**Voltage [V]** 0.764**Resistance [mΩ]** 76.350**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 ± 0.00002) | (-5.21 ± 0.10) x E-4 |
| 2 (quadrupole) | (1.6 ± 0.2) x E-4 | (-2.7 ± 0.2) x E-4 |
| 3 (sextupole) | (2.65 ± 0.01) x E-3 | (-6.3 ± 25.2) x E-6 |
| 4 | (1.2 ± 0.1) x E-4 | (-7.2 ± 10.7) x E-6 |
| 5 | (-2.20 ± 0.02) x E-3 | (5 ± 2) x E-5 |
| 6 | (6.6 ± 0.2) x E-4 | (-4 ± 2) x E-5 |
| 7 | (-4.11 ± 0.01) x E-3 | (-1 ± 2) x E-5 |
| 8 | (-1 ± 1) x E-5 | (-1 ± 1) x E-5 |
| 9 | (2 ± 1) x E-5 | (-8.6 ± 13.7) x E-6 |
| 10 | (-1.22 ± 0.05) x E-4 | (6.7 ± 11.3) x E-6 |
| 11 | (4.9 ± 0.1) x E-4 | (-3 ± 1) x E-5 |
| 12 | (2 ± 1) x E-5 | (1 ± 1) x E-5 |
| 13 | (-6 ± 2) x E-5 | (-4.2 ± 12.7) x E-6 |
| 14 | (6 ± 6) x E-5 | (-10 ± 5) x E-5 |
| 15 | (-6.2 ± 0.9) x E-5 | (-2 ± 1) x E-5 |