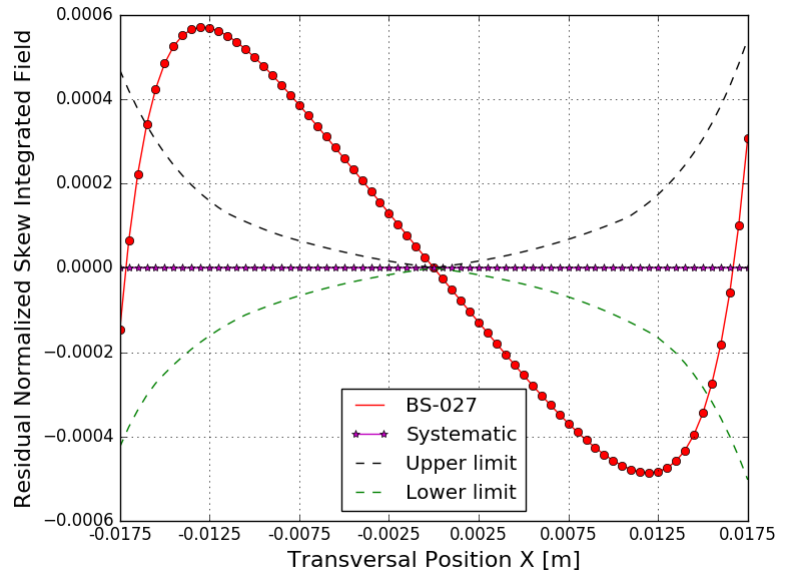
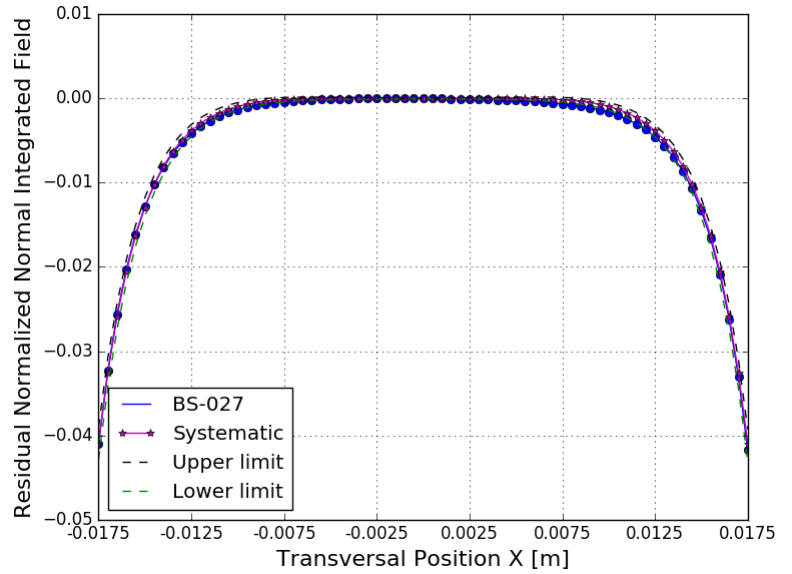


**BS-027****BOOSTER MAGNET REPORT****Results****Date** 24/10/2016**Hour** 09:09:44**Temperature [°C]** 23.0**Number of Measurements** 17**Main Coil Current [A]** (149.978 ± 0.002)**Trim Coil Current [A]** --**Integrated Gradient [T/m]** (-21.4409 ± 0.0004)**Magnet Center Offset X [μm] - (< ±160.0)** (9.29 ± 0.09)**Magnet Center Offset Y [μm] - (< ±160.0)** (-44.0 ± 0.2)**Roll [mrad] - (< ±0.8)** (2.2 ± 0.5) × E-2**Electric Parameters****Inductance [mH]** 0.106**Voltage [V]** --**Resistance [mΩ]** --**Main Coil Number of Turns** 3

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)	(-3.63 ± 0.02) × E-3	(-2.42 ± 0.03) × E-3
2 (quadrupole)	(1.06 ± 0.01) × E-3	(-5.03 ± 0.02) × E-3
3 (sextupole)	(1.00000 ± 0.00002)	(7 ± 2) × E-5
4	(-3.0 ± 0.2) × E-4	(-9.1 ± 0.3) × E-4
5	(-2.07 ± 0.02) × E-3	(2 ± 3) × E-5
6	(9 ± 5) × E-5	(6 ± 4) × E-5
7	(-5.1 ± 0.3) × E-4	(1.6 ± 0.4) × E-4
8	(-9 ± 3) × E-5	(4.3 ± 0.4) × E-4
9	(-2.173 ± 0.004) × E-2	(-6 ± 3) × E-5
10	(2 ± 4) × E-5	(5 ± 3) × E-5
11	(1.1 ± 0.6) × E-4	(-2 ± 4) × E-5
12	(3 ± 9) × E-5	(-2 ± 5) × E-5
13	(-3 ± 3) × E-5	(2 ± 5) × E-5
14	(-1.4 ± 0.4) × E-4	(6.1 ± 0.5) × E-4
15	(-1.714 ± 0.008) × E-2	(-5 ± 4) × E-5