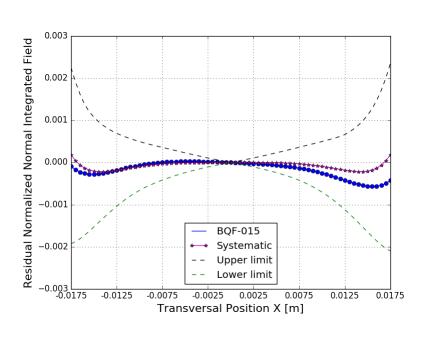


BQF-015

BOOSTER MAGNET REPORT

Results	
Date	30/03/2016
Hour	10:06:08
Temperature [°C]	21.1
Number of Measurements	17
Main Coil Current [A]	(130.0126 ± 0.0004)
Trim Coil Current [A]	
Integrated Gradient [T]	(-4.81691 ± 0.00001)
Magnet Center Offset X [μm] - (< ±160.0)	(7.18 ± 0.07)
Magnet Center Offset Y [μm] - (< ±160.0)	(-27.58 ± 0.06)
Roll [mrad] - (< ±0.8)	(-4.93 ± 0.06) x E-1
Electric Parameters	1
Indutance [mH]	8.240
Voltage [V]	0.486
Resistance [m Ω]	48.60
Main Coil Number of Turns	26.25



$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
2 (quadrupole) (1.000000 \pm 0.000002) (-9.86 \pm 0.04) x E-4 (-4.09 \pm 0.05) 4 (-1.42 \pm 0.05) x E-4 (9.2 \pm 0.5) 5 (-4.2 \pm 0.4) x E-5 (-3.0 \pm 0.5) 6 (-1.155 \pm 0.006) x E-3 (-8 \pm 6) x	v oles mm		
3 (sextupole) $(-1.55 \pm 0.04) \times E-4$ (-4.09 ± 0.05) 4 $(-1.42 \pm 0.05) \times E-4$ (9.2 ± 0.5) 5 $(-4.2 \pm 0.4) \times E-5$ (-3.0 ± 0.5) 6 $(-1.155 \pm 0.006) \times E-3$ $(-8 \pm 6) \times E-5$	03) x E-3		
4	4) x E-4		
5 (-4.2 ± 0.4) x E-5 (-3.0 ± 0.5) 6 (-1.155 ± 0.006) x E-3 (-8 ± 6) x	3) x E-4		
6 (-1.155 ± 0.006) x E-3 (-8 ± 6) x	x E-5		
. , ,	x E-5		
	E-6		
7 $(4.6 \pm 0.6) \times E-5$ (2.2 ± 0.6)	x E-5		
8 $(-3.4 \pm 0.4) \times E-5$ (-2.9 ± 0.6)	x E-5		
9 (-2.3 ± 0.6) x E-5 (-2.4 ± 0.4)	x E-5		
10 (1.147 ± 0.007) x E-3 (-3.3 ± 0.6)	x E-5		
11 (1.8 ± 0.5) x E-5 (9 ± 6) x	E-6		
12 (-3 ± 7) x E-6 (1.7 ± 0.5)	x E-5		
13 (-1.6 ± 0.7) x E-5 (-4 ± 6) x	E-6		
14 (-7.4 ± 0.5) x E-5 (-1.9 ± 0.7)	x E-5		
15 (3 ± 6) x E-6 (-6 ± 9) x	E-6		

