Projected gradients of B_0 field

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November 1, 2010

These are the projected gradients for the real size cells for $B_0 \approx 0.9$ G. The magnetic field points in the x direction.

	Left cell [1/cm]	Uncertainty [1/cm]
$\langle \partial B_x/\partial x/B_0 \rangle_{vol}$	1.18×10^{-6}	3.99×10^{-6}
$\langle \partial B_y/\partial y/B_0 \rangle_{vol}$	-2.41×10^{-6}	2.19×10^{-6}
$\langle \partial B_z/\partial z/B_0 \rangle_{vol}$	-6.15×10^{-7}	9.59×10^{-8}

Table 1: Average fractional gradients of the magnetic field for left cell.

	Right cell [1/cm]	Uncertainty [1/cm]
$\langle \partial B_x/\partial x/B_0 \rangle_{vol}$	-2.66$\times 10^{-6}$	5.71$\times 10^{-6}$
$\langle \partial B_y/\partial y/B_0 \rangle_{vol}$	-3.16×10^{-6}	$2.07.15 \times 10^{-6}$
$\langle \partial B_z/\partial z/B_0 \rangle_{vol}$	5.52×10^{-6}	6.81×10^{-8}

Table 2: Average fractional gradients of the magnetic field for right cell.

	Left cell [1/cm]	Uncertainty [1/cm]
$\langle (\partial B_x/\partial x/B_0)_{RMS} \rangle_{vol}$	4.45×10^{-5}	1.67×10^{-5}
$\langle (\partial B_x/\partial y/B_0)_{RMS} \rangle)_{vol}$	2.57×10^{-5}	4.52×10^{-6}
$\langle (\partial B_x/\partial z/B_0)_{RMS} \rangle_{vol}$	4.80×10^{-6}	2.60×10^{-6}

Table 3: Average gradients of the magnetic field for left cell .

	Right cell [1/cm]	Uncertainty [1/cm]
$\langle(\partial B_x/\partial x/B_0)_{RMS}\rangle)_{vol}$	5.44×10^{-5}	2.14×10^{-5}
$\langle(\partial B_y/\partial y/B_0)_{RMS}\rangle)_{vol}$	2.97×10^{-5}	4.62×10^{-6}
$\langle(\partial B_z/\partial z/B_0)_{RMS}\rangle)_{vol}$	8.07×10^{-6}	1.42×10^{-6}

Table 4: Average fractional gradients of the magnetic field for right cell.