

First constraints on the intrinsic CMB dipole and our velocity with Doppler and aberration - Tables

Pedro da Silveira Ferreira,¹ Miguel Quartin^{1,2}

¹*Observatório do Valongo, Universidade Federal do Rio de Janeiro, 20080-090, Rio de Janeiro, RJ, Brazil*

²*Instituto de Física, Universidade Federal do Rio de Janeiro, 21941-972, Rio de Janeiro, RJ, Brazil*

6 January 2021

Intrinsic dipole		$\Delta_{1,\text{int},x}$ [mK]	$\Delta_{1,\text{int},y}$ [mK]	$\Delta_{1,\text{int},z}$ [mK]
SMICA	$\Delta_{1,\text{int}}^G$	-5.5 ± 3.4	-0.4 ± 3.0	-3.4 ± 2.5
	$\Delta_{1,\text{int}}^{\text{NG}}$	5.0 ± 3.0	0.4 ± 2.6	2.9 ± 2.2
	$\Delta_{1,\text{int}}^{\text{Tot}}$	-0.5 ± 1.6	0.0 ± 1.4	-0.5 ± 1.2
NILC	$\Delta_{1,\text{int}}^G$	-5.4 ± 3.4	-0.2 ± 3.1	-1.5 ± 2.4
	$\Delta_{1,\text{int}}^{\text{NG}}$	4.6 ± 3.0	0.2 ± 2.7	1.2 ± 2.1
	$\Delta_{1,\text{int}}^{\text{Tot}}$	-0.7 ± 1.6	0.0 ± 1.4	-0.4 ± 1.2

Table 1. The measured components of the intrinsic dipole in cartesian components. The error shown is statistical + systematics summed in quadrature.