

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

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(Dated: April 16, 2021)

$TT+EE$	$\Delta_{1,\text{int}}$		α^{NG}	
	amplitude	σ -value	[95% CI]	σ -value
SMICA	$< 3.5 \text{ mK (95\% CL)}$	0.1	$1.3^{+3.5}_{-4.9}$	0.8
NILC	$< 3.5 \text{ mK (95\% CL)}$	0.1	$0.4^{+2.9}_{-2.8}$	0.6

TABLE I. Measurements and null-hypothesis test of the intrinsic dipole and its non-Gaussian parameter using the full $TT+EE$ results. The total observed dipole is 3.362 mK.