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# Large Scale Structure and Integrated Sachs-Wolfe Effect Measurements with the Rapid ASKAP Continuum Survey

The evolution of the gravitational potentials on large scales due to the acceleration of the expansion is an important and independent probe of the dark energy. We measure this Integrated Sachs-Wolfe (ISW) effect through cross-correlation using cosmic microwave background maps from the Planck Surveyor and a radio continuum galaxy distribution map from the recent Rapid ASKAP Continuum Survey (RACS). We detect a positive cross-correlation at about 2.5 sigma relative to the null hypothesis of no correlation. We parameterise the strength of the ISW effect through an amplitude, and find that the constraints to be  $A_{\text{ISW}} = 0.73^{+0.46}_{-0.37}$ , which is consistent with the prediction of an accelerating universe from  $\Lambda$ CDM. We also detect a power excess in the galaxy auto-correlation angular power spectrum on large scales ( $l < 40$ ), and investigate possible systematic causes.

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