





<u>B2K2 Science Goals</u> <u>CMB Polarization</u> **Pure Polarization**: Make an ~80 sq. deg. map of polarization with ~7 uK/pixel sensitivity (Q and U), to measure raw CMB polarization signal. (5 days) **Polarization-Temperature cross corellation**: ~800 sq. deg. map of polarization and temperature with ~22 uK/pixel (Q and U) sensitivity. (5 days) **Characterize polarized Galactic foreground emission.**<u>Temperature Anisotropies</u> Smaller scales: Use better pointing and deeper coverage to make better measurements of 3rd, 4th, ?... peaks in power spectrum.













