**High-Pass Filtered** LIM Noise Covariance  $\langle \epsilon^{I,Hi}(\chi) \epsilon^{I,Hi}(\chi') \rangle'$  for CCAT-Prime  $\Lambda^{-1} = 10^4 \text{ Mpc}$   $\Lambda^{-1} = 10^3 \text{ Mpc}$   $\Lambda^{-1} = 10^2 \text{ Mpc}$   $\Lambda^{-1} = 10^1 \text{ Mpc}$ vinned  $\begin{bmatrix} 8.5 \\ \text{odb} \end{bmatrix}$   $\times$   $\begin{bmatrix} 7.5 \\ \end{bmatrix}$ continous continous 7.5 8.57.58.57.58.57.58.5 $\chi$  [Gpc]  $\chi$  [Gpc]  $\chi$  [Gpc]  $\chi$  [Gpc]  $-10^{-6}$  $10^{-6}$  $10^{-5}$  $-10^{-5}$  $[\mathrm{kJy^2\ sr^{-2}}]$