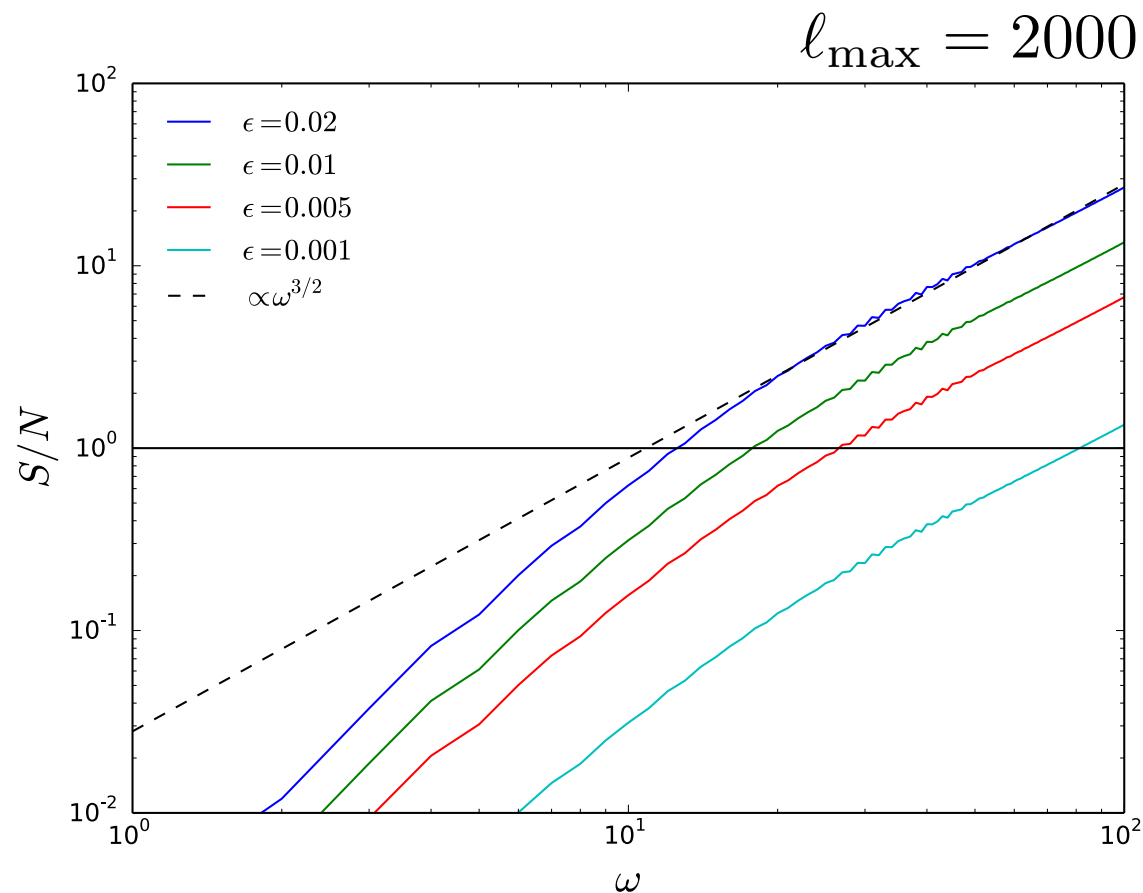


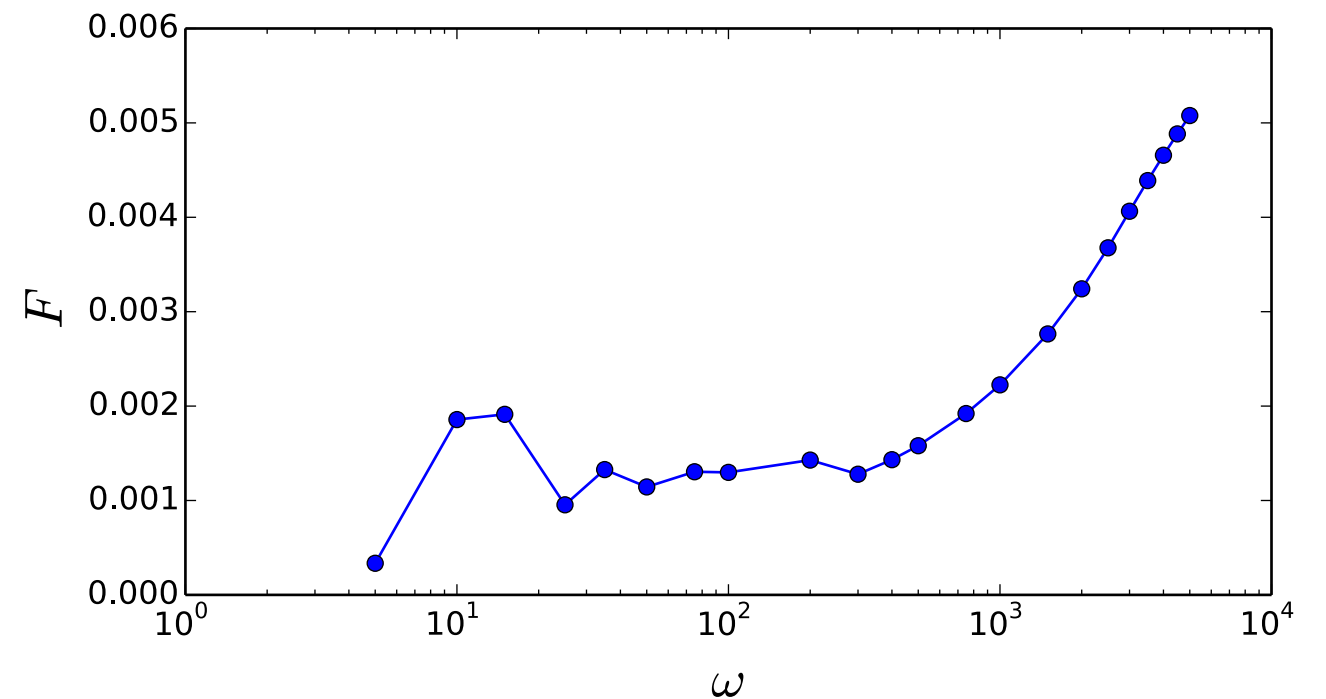
Possible Targets of CMB S4

-resonant non-Gaussianity

-initial state modifications



cosmic variance limited, TTT only, for EFT with shift symmetry



cosmic variance limited, TTT only, NPH like modification of initial conditions

*How does S/N scale as function of l_{\max}/ω .

*Features on small scales?

Other Possible Targets of CMB S4

- What about parity violating models? $\langle TB \rangle$ $\langle TTB \rangle$ $\langle EB \rangle$ etc.
- Anisotropic models?
- Effect of higher order terms on N_{eff} ?
(e.g. $N_{\text{eff}}(\langle hh \rangle)$)
- How about inflation consistency at higher order (e.g. relations between amplitude and derivatives of scalar and tensor modes)