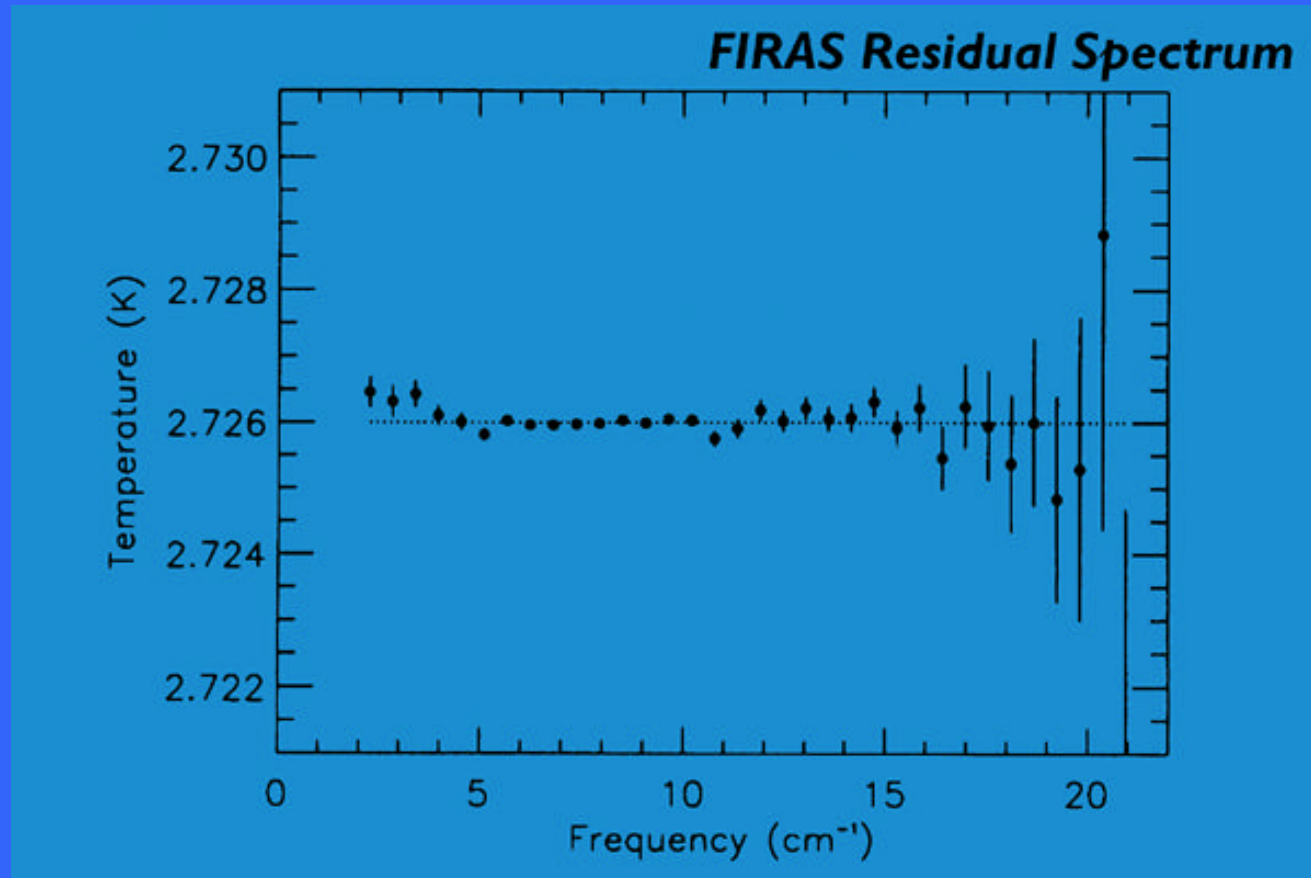


## COBE Slide 37



FIRAS measured cosmic microwave background radiation residual spectrum from Mather et al. 1994, ApJ, 420, 439. A Planck blackbody spectrum and a small Galactic emission component have been subtracted from the measured spectrum in order to make the residuals visible. To a very good approximation, the cosmic microwave background spectrum is the same as that of a 2.728 (+/- 0.004) degree Kelvin blackbody.