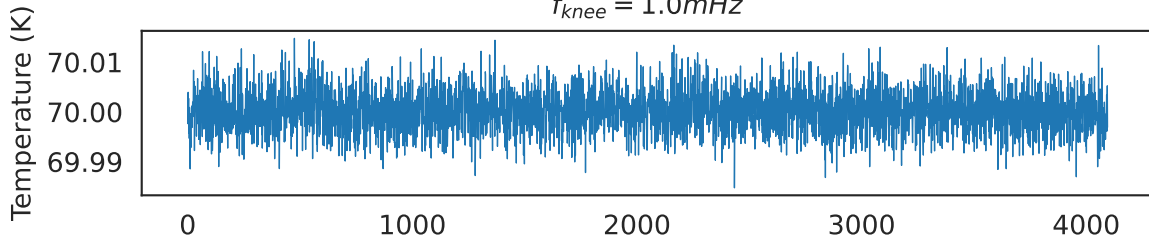
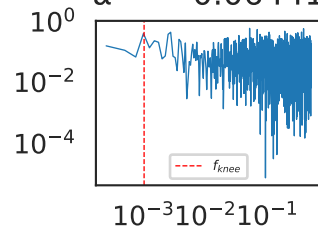


# With thermal noise

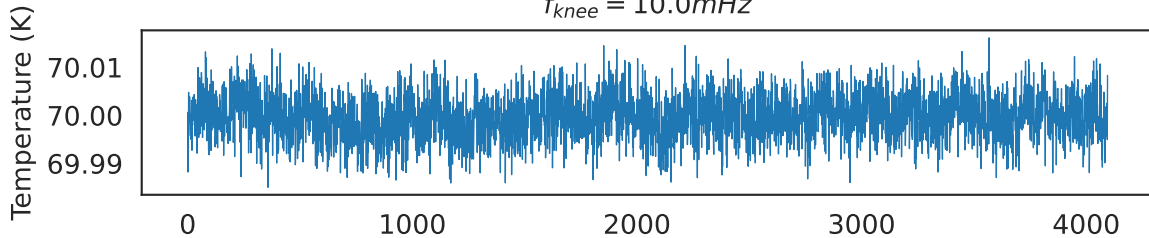
$$f_{knee} = 1.0\text{mHz}$$



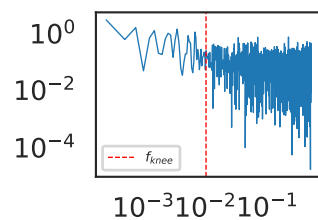
$$\alpha = -0.06441$$



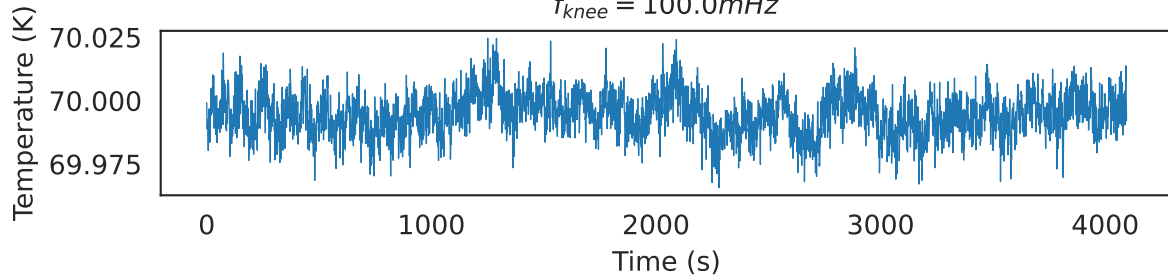
$$f_{knee} = 10.0\text{mHz}$$



$$\alpha = -0.25402$$



$$f_{knee} = 100.0\text{mHz}$$



$$\alpha = -0.67986$$

