

SU update:  
Two-point measurements at  $Re_\tau \approx 5000$

JMO Massey<sup>†</sup>, F Cabrera-Booman, T Jaroslowski, JC Klewicki, BJ McKeon

Center for Turbulence Research  
Stanford University

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Data completed thus far:

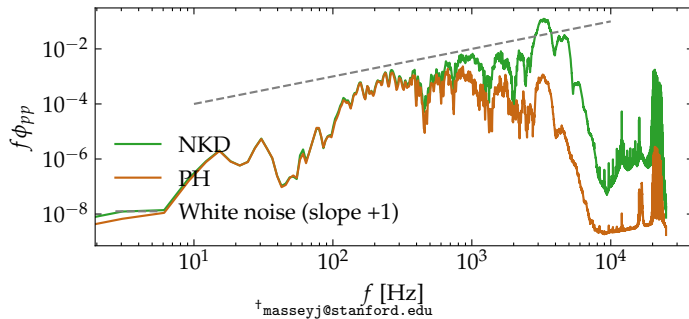
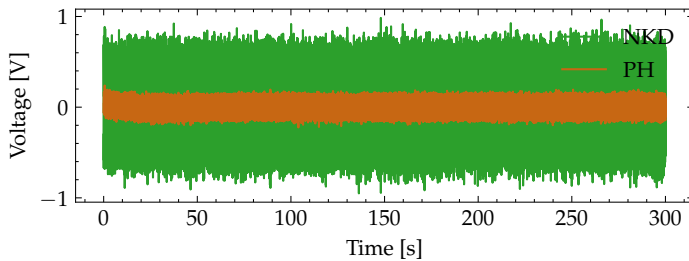
Pressure (psi)	0	30	50	70	100
$Re_\tau$	1,500	3,500	5,000	6,500	8,000

Two point:

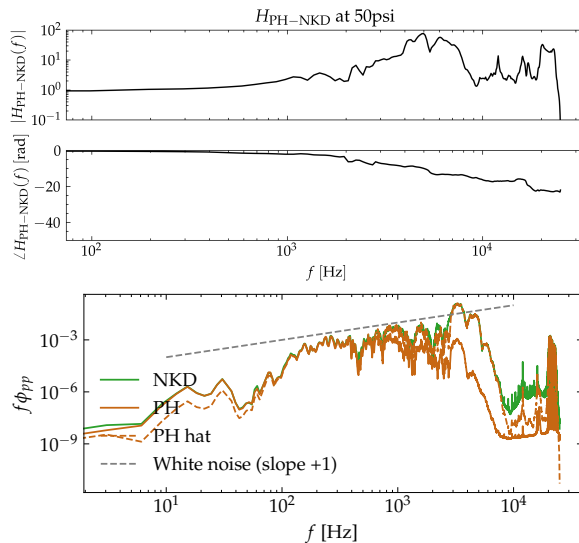
Pressure (psi)	0	50	100
$Re_\tau$	1,500	5,000	8,000

Calibration in-progress

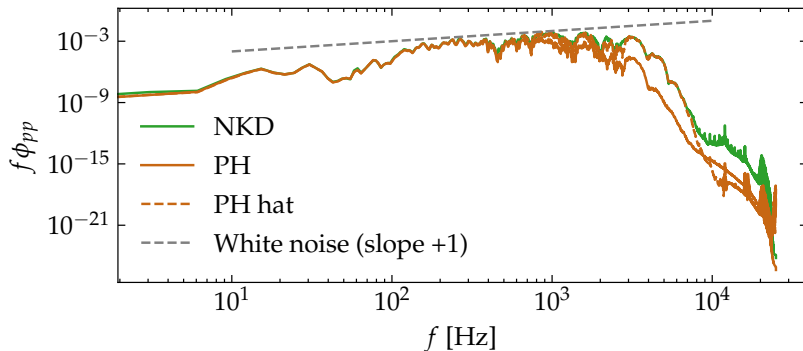
# Raw calibration signals



# TF and reconstructed spectra shows we need to filter

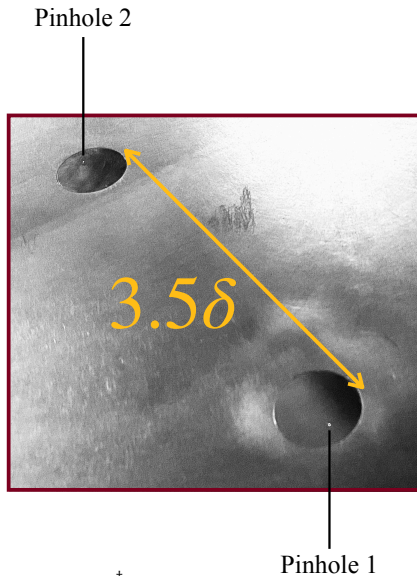


After filtering the calibration signals match well

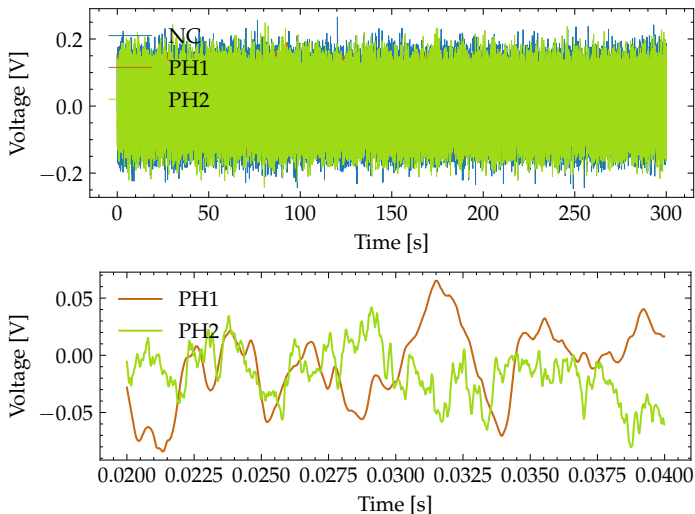


In the ongoing measurements, we will apply this LP filter in real-time to avoid aliasing.

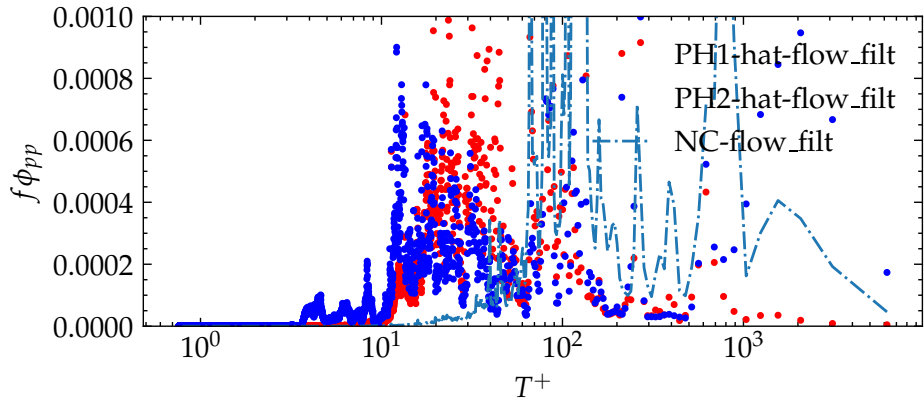
## 2-point measurements at 50psi ( $Re_\tau \approx 5000$ )



## 2-point measurements at 50psi ( $Re_\tau \approx 5000$ )



This demonstrates the need for a per-pinhole calibration (ongoing).





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