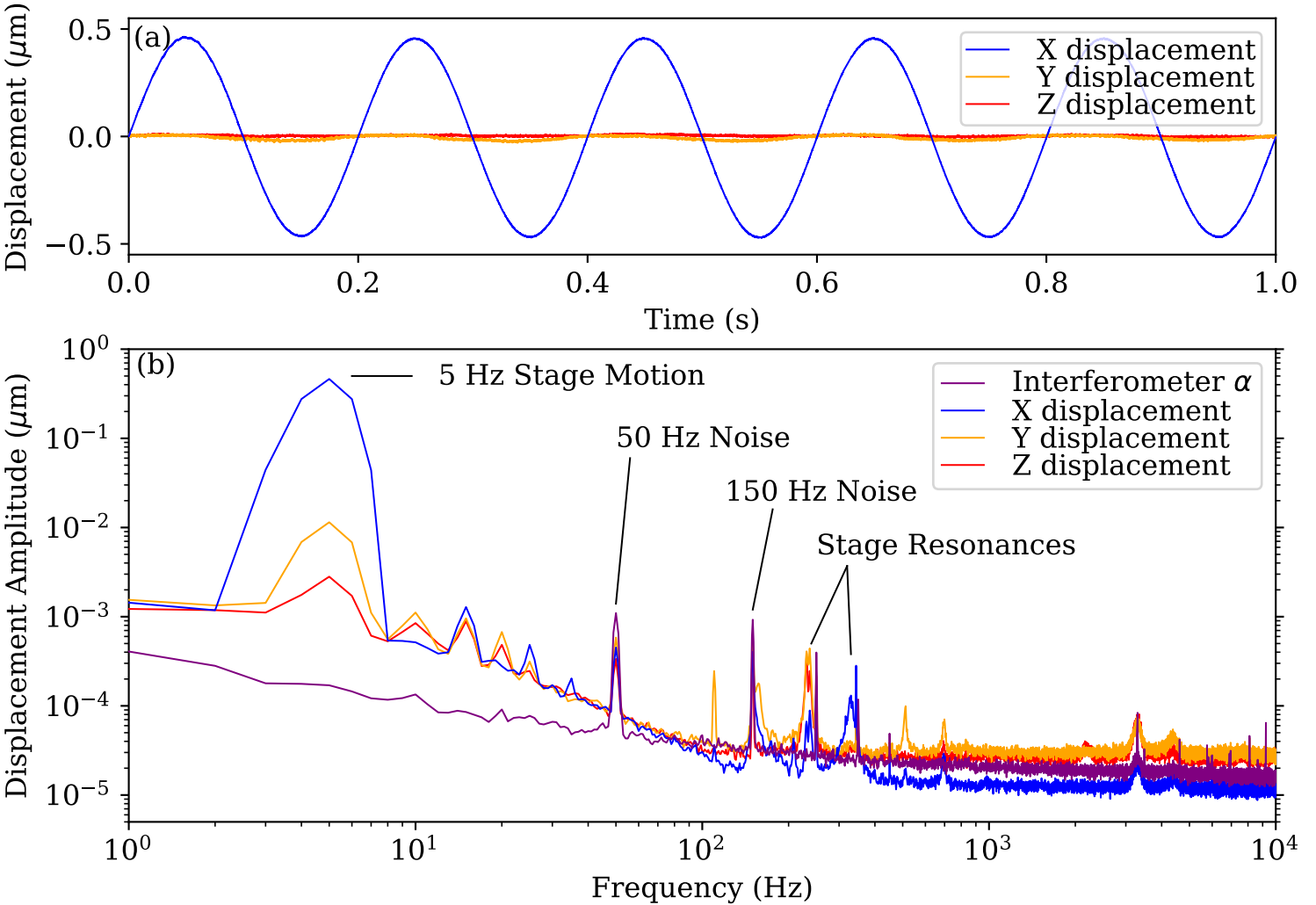
(a)
X displacement
Y displacement
Z displacement
Displacement (μm)
0.5
0.0
−0.5
0.0
0.2
0.4
0.6
0.8
1.0
Time (s)
(b)
5 Hz Stage Motion
50 Hz Noise
150 Hz Noise
Stage Resonances
Interferometer α
X displacement
Y displacement
Z displacement
Displacement Amplitude (μm)
10^0
10^−1
10^−2
10^−3
10^−4
10^−5
10^0
10^1
10^2
10^3
10^4
Frequency (Hz)