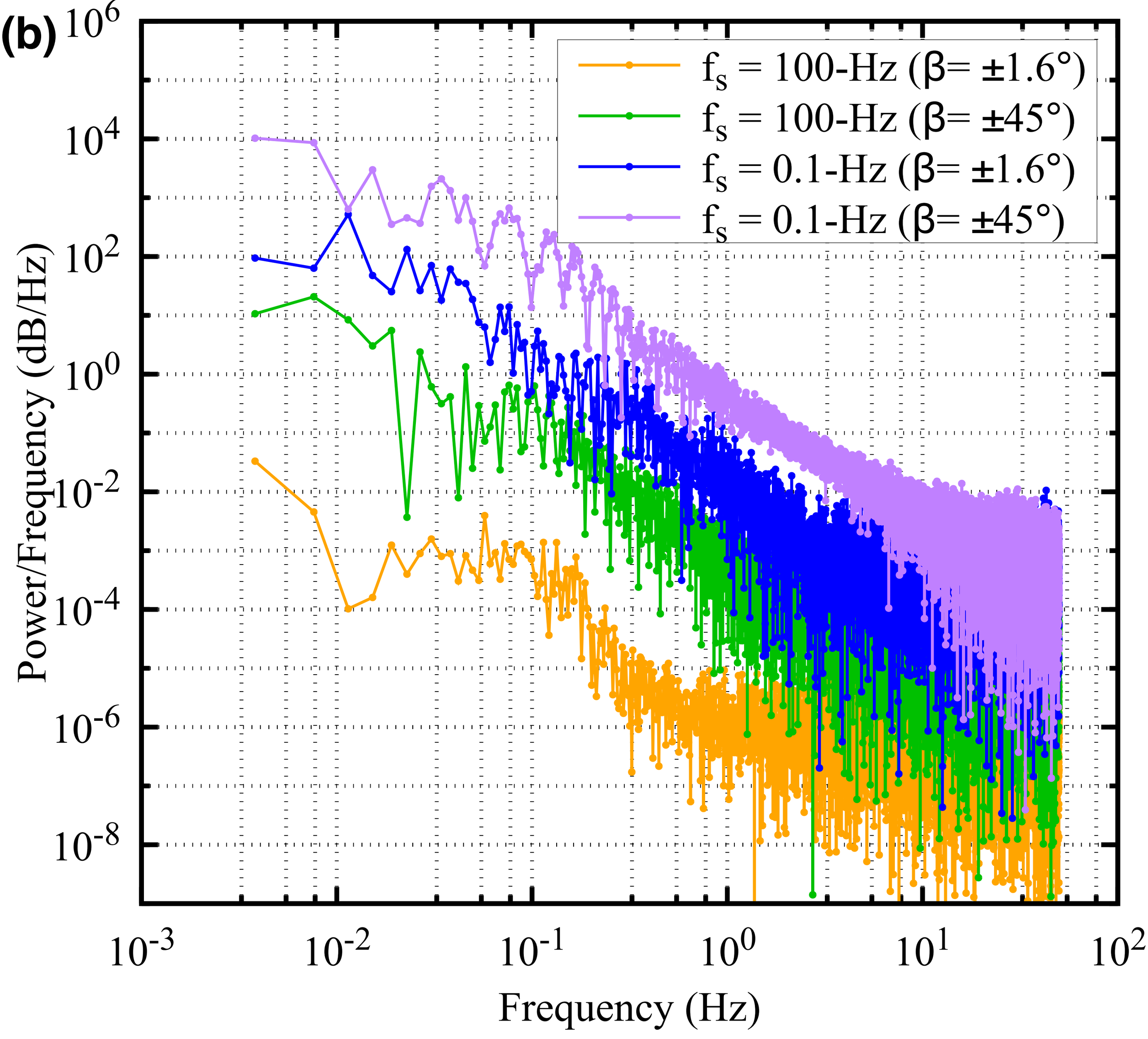
(b)


f_s = 100-Hz (β= ±1.6°)
f_s = 100-Hz (β= ±45°)
f_s = 0.1-Hz (β= ±1.6°)
f_s = 0.1-Hz (β= ±45°)
Power/Frequency (dB/Hz)
10^{6}
10^{4}
10^{2}
10^{0}
10^{-2}
10^{-4}
10^{-6}
10^{-8}
10^{-3}
10^{-2}
10^{-1}
10^{0}
10^{1}
10^{2}
Frequency (Hz)