

Instructions: Enter information for the FFT settings on the 831C Sound Level Meter using the drop downs and type in the accelerometer specifications. The chart will update with the expect noise floor for your configuration.

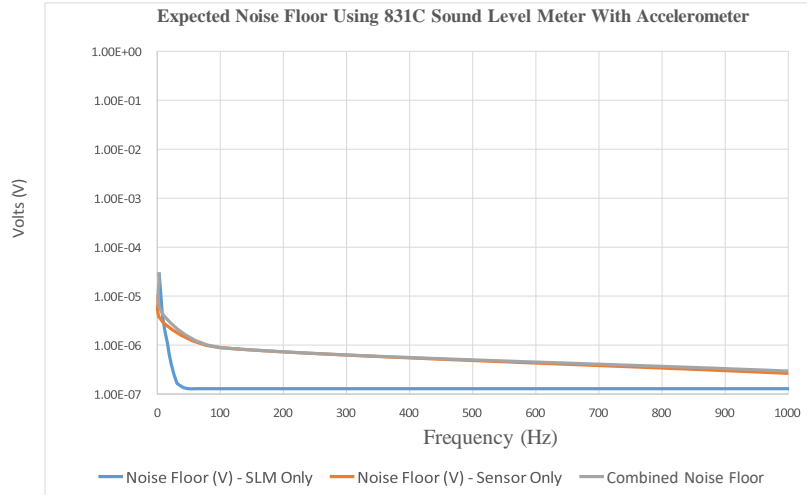
FFT Settings

Bandwidth	20000	Hz
Number of Lines	6400	Lines

Accelerometer Parameters

Accelerometer Sensitivity	100	mV/g
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Spectral Noise at 1 Hz	60	$\mu\text{g}/\sqrt{\text{Hz}}$
Spectral Noise at 10 Hz	16	$\mu\text{g}/\sqrt{\text{Hz}}$
Spectral Noise at 100 Hz	5	$\mu\text{g}/\sqrt{\text{Hz}}$
Spectral Noise at 1000 Hz	1.5	$\mu\text{g}/\sqrt{\text{Hz}}$



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