

Figure 1 displays three time series plots stacked vertically, sharing a common x-axis labeled 'Time (sec)' ranging from 24 to 27.5. The top plot shows a 'Pulse' signal, which is a high-frequency, irregular oscillation. The middle plot shows an 'EICO<sub>2</sub>' signal, which is a lower-frequency, smooth oscillation. The bottom plot shows a 'Displacement (μm)' signal, which exhibits a sawtooth-like pattern with sharp drops and gradual rises, ranging from approximately -20 μm to 20 μm.