**ANALYSIS OF NITRIC OXIDE SENSOR READINGS AT DIFFERENT CONCENTATIONS**

**Nitric oxide sensor readings without supplying nitric oxide gas**

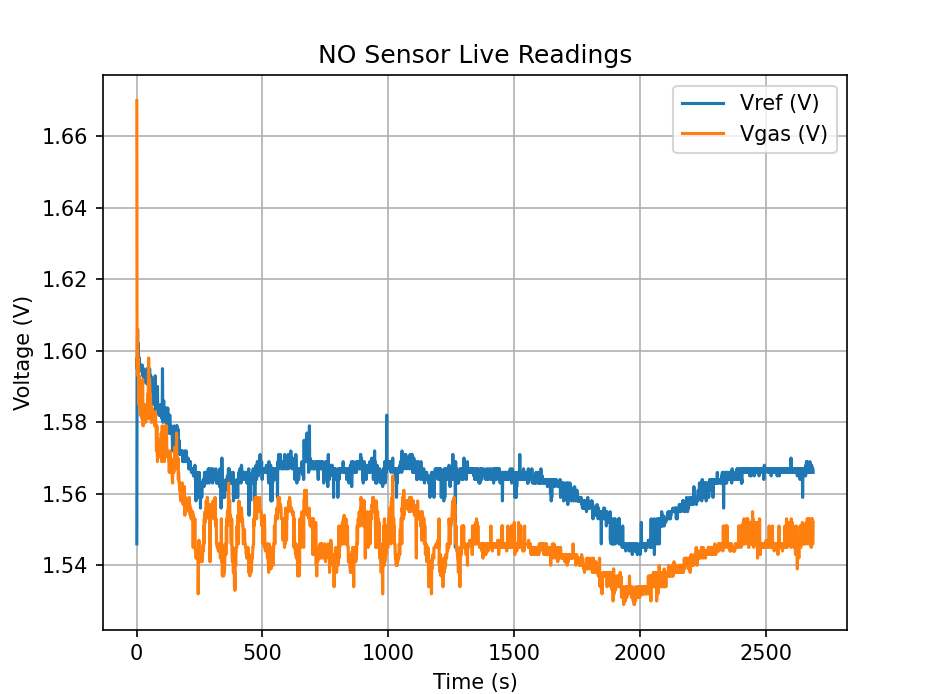
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Figure 1: Nitric oxide voltage values vs time *plot without butter worth filter* over 2500 seconds

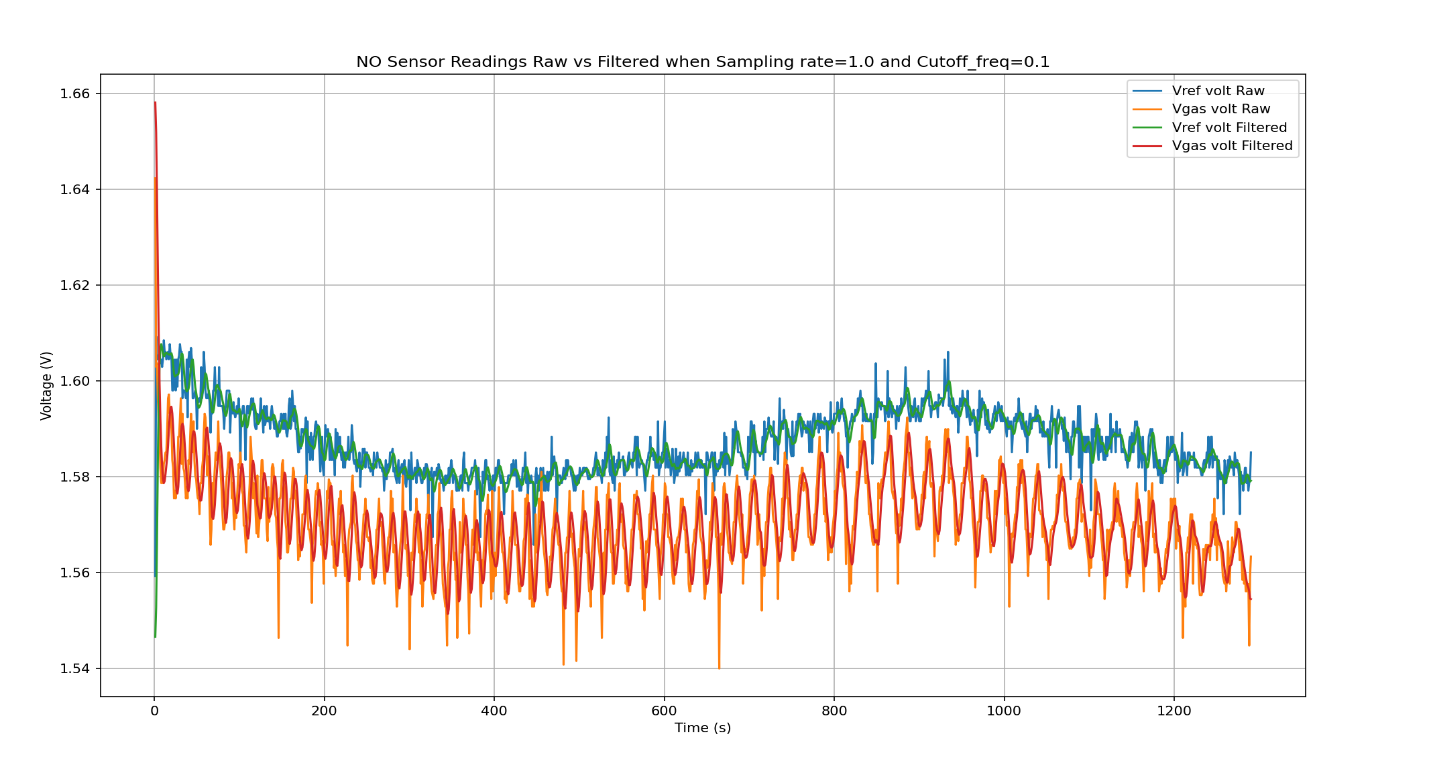


Figure 2: Nitric oxide voltage values vs time plot with butter worth filter (Fs=1 and Fc=0.1) over ~1200 seconds

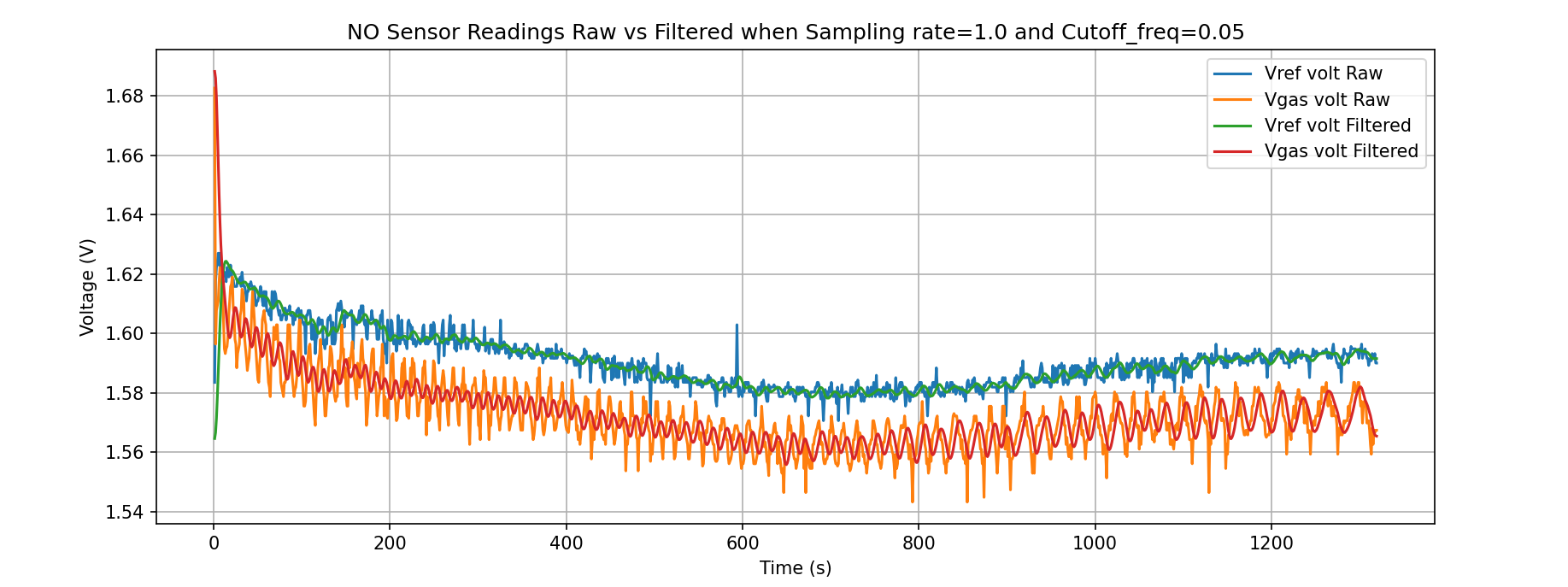


Figure 3: Nitric oxide voltage values vs time plot with butter worth filter (Fs=1 and Fc=0.05) over ~1200 seconds

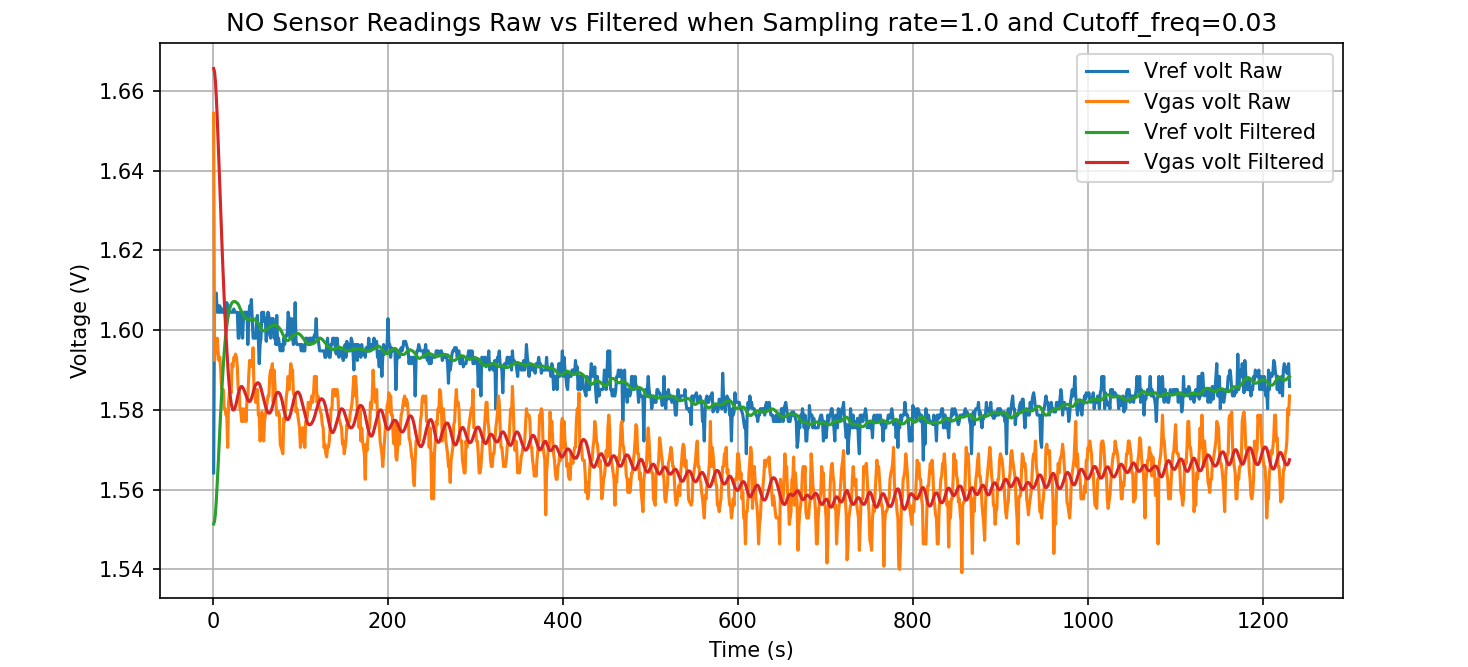


Figure 4: Nitric oxide voltage values vs time plot with butter worth filter (Fs=1 and Fc=0.03) over ~1200 seconds