

Supplemental Information

“A UV-vis photoacoustic spectrophotometer“

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Supplemental Figures:

Figure S1: Calibration of UV-vis PAS with NO₂

Figure S2: Allan deviation plot

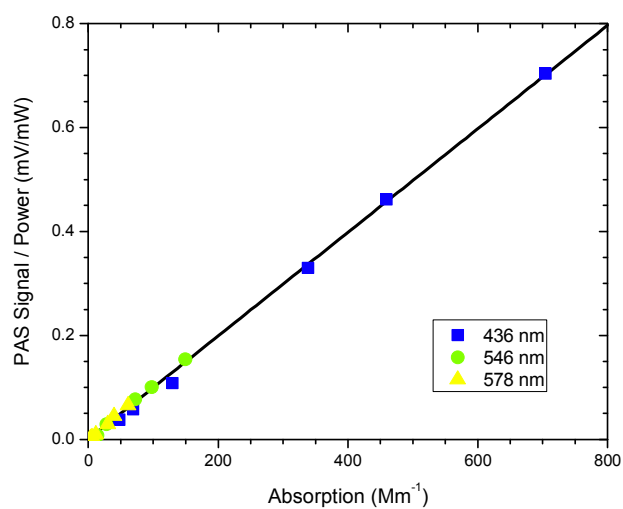


Figure S1. Calibration of the PAS instrument using NO₂ absorption at three different wavelength bands.

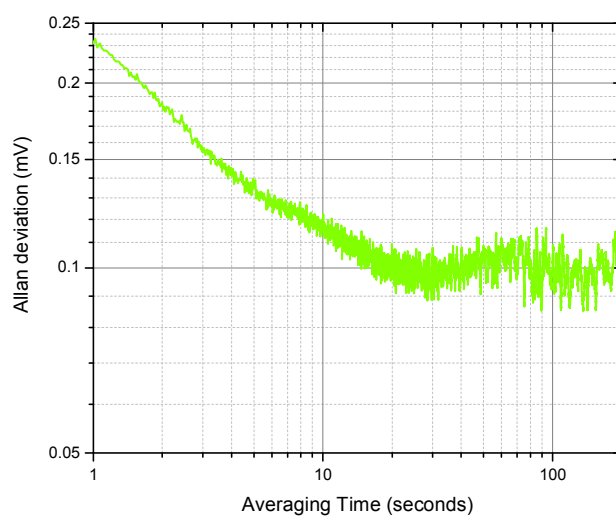


Figure S2. Allan deviation plot of background signal with the 546 nm band. The optimum averaging time was determined to be 20 seconds.