Detection of Sulfur Dioxide by Broadband Cavity Enhanced Absorption Spectroscopy (BBCEAS)

Supplementary Information

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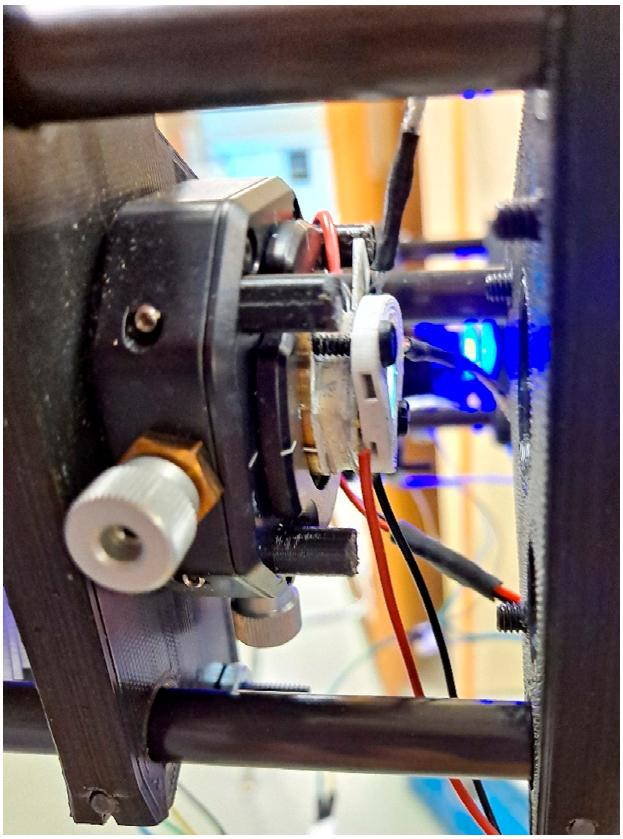


Figure S1: LED cooling mount in the cage system.

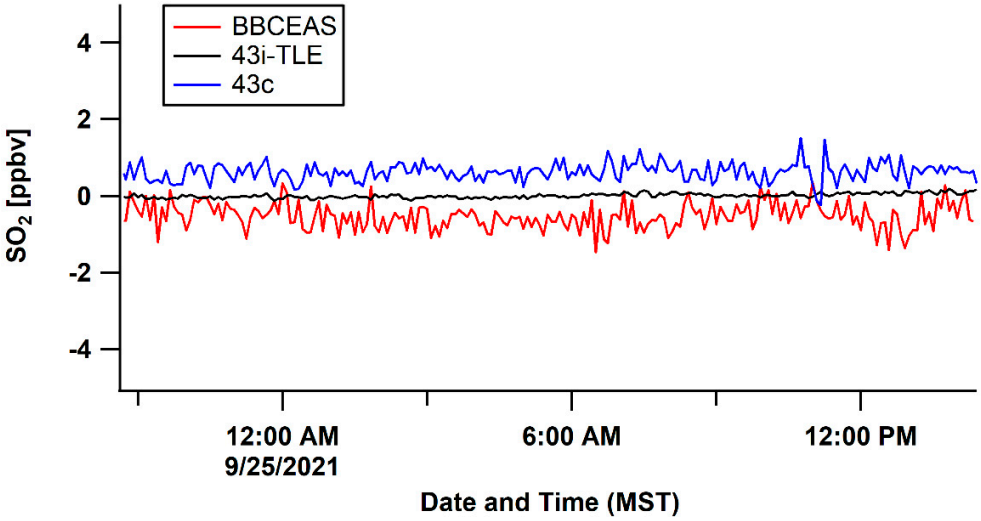


Figure S2: Ambient measurements of SO_2, averaged to 5-minute data for all three instruments.

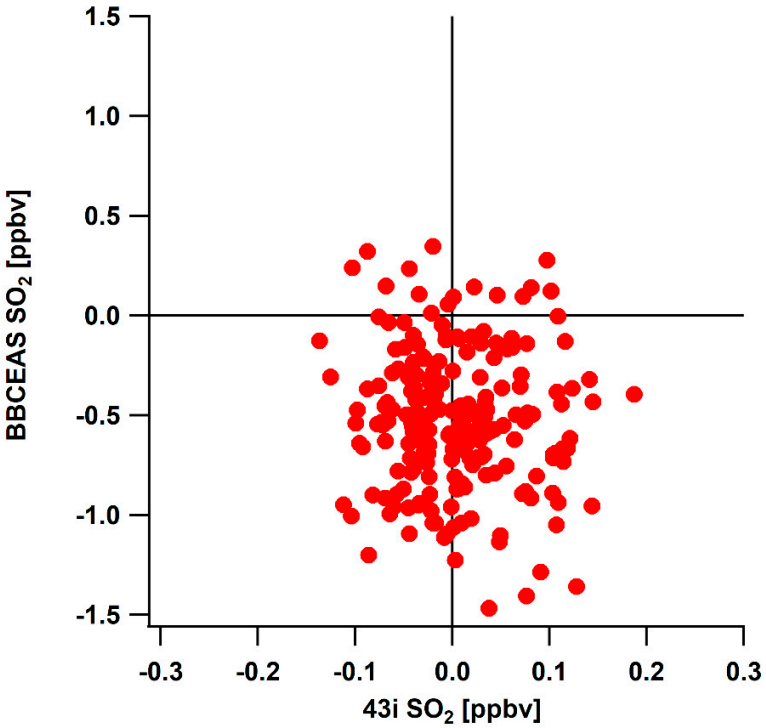


Figure S3: Correlation of ambient data from Figure S3 for BBCEAS measured [SO_2] relative to the 43i.

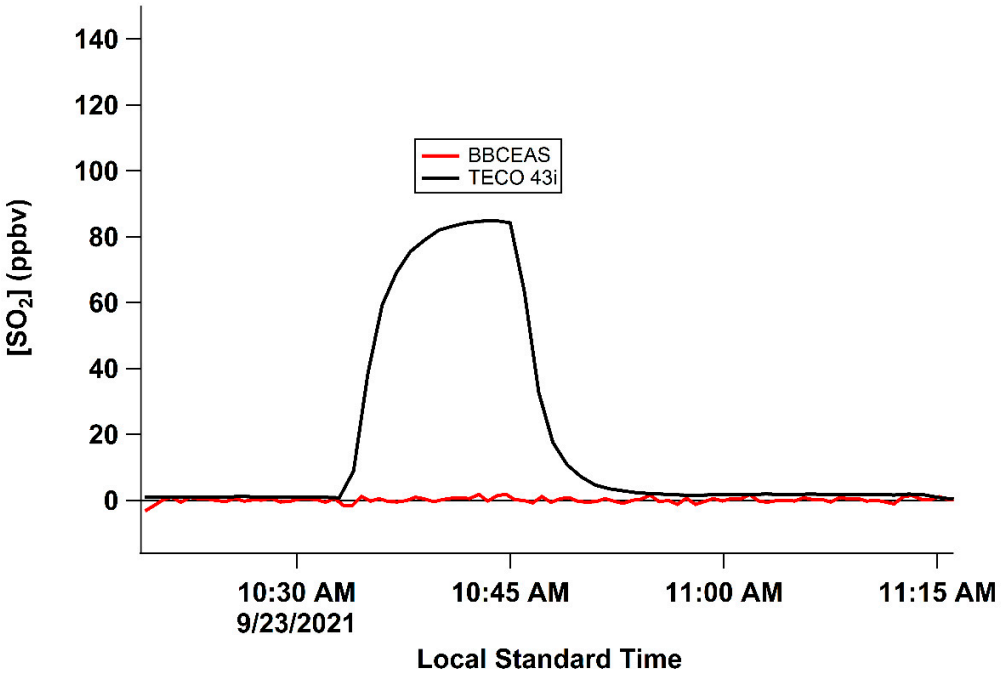


Figure S4: Response of BBCEAS vs. fluorescence detection in the presence of NO. 400 ppbv of NO is provided to the instruments with a measured SO_2 concentration of 85 ppbv in the Thermo 43i.