**Supplementary Information for**

**DUAL-CAVITY SPECTROMETER FOR MONITORING BROADBAND LIGHT EXTINCTION BY ATMOSPHERIC AEROSOLS**

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Figure S1. Linearity between the reflectivity values calculated for both cavities and plotted against each other. The error bars indicate one standard deviation (vertical and horizontal) of the values over all the points in each 5 nm bin.

Fig. S2(a)



Fig. S2(b)



Fig. S2(c)



Figure S2. Allan deviation plot for a wavelength bin size of a) 2 nm, b) 10 nm, c) 25 nm.