

## Supplemental material for

### Applicability of Optical and Diffusion Charging-based Particulate Matter Sensors to Urban Air Quality Measurements

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## Figure Captions

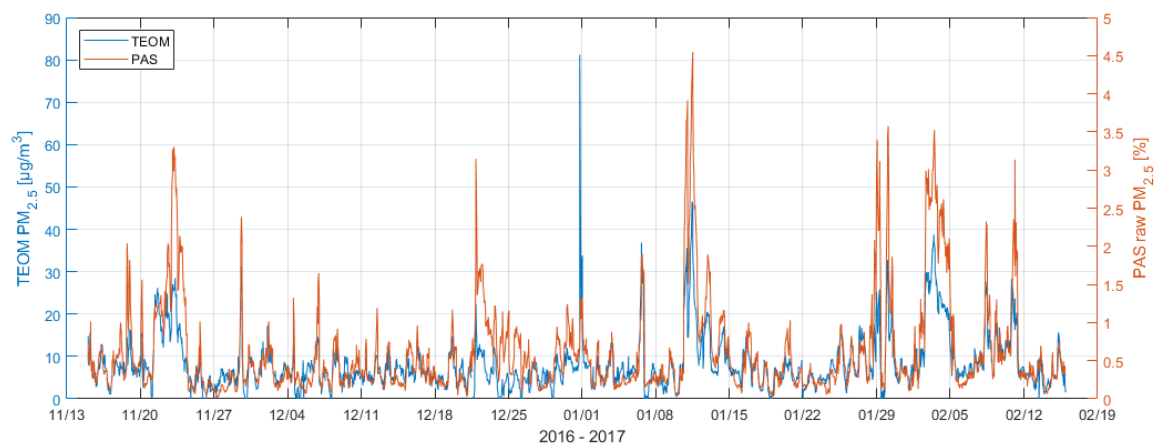
**Fig. S1.** Full time series of raw  $PM_{2.5}$  measured with PAS and TEOM.

**Fig. S2.** Diurnal cycle of  $PM_{2.5}$  measured with the TEOM. Red lines indicate median, blue boxes 25<sup>th</sup> and 75<sup>th</sup> percentiles and whiskers maximum and minimum values. The y-axis is scaled in (b) panel.

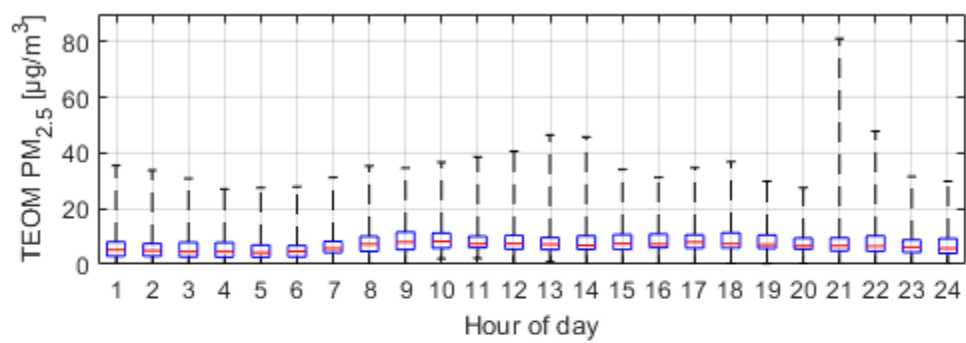
**Fig. S3.** Full time series of raw  $PM_{10-2.5}$  measured with PAS and TEOM.

**Fig. S4.** Diurnal cycle of  $PM_{2.5-10}$  measured with the TEOM. Red lines indicate median, blue boxes 25<sup>th</sup> and 75<sup>th</sup> percentiles and whiskers maximum and minimum values. The y-axis is scaled in (b) panel.

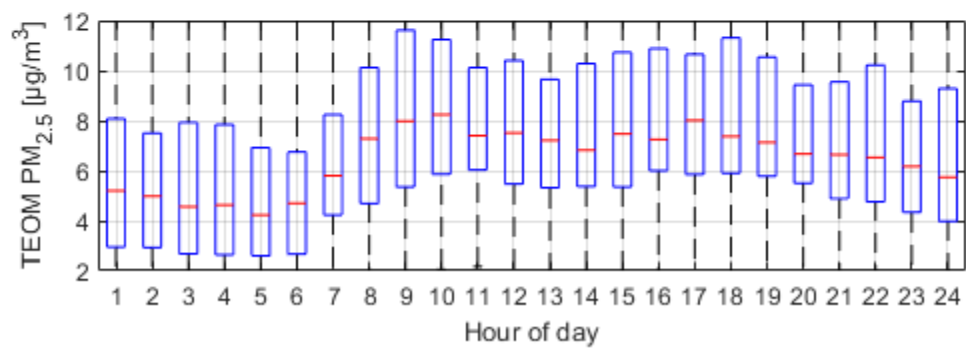
**Fig. S5.** Full time series of LDSA obtained from the DMPS and raw current measured with Pegasor AQ Urban.



**Fig. S1.**

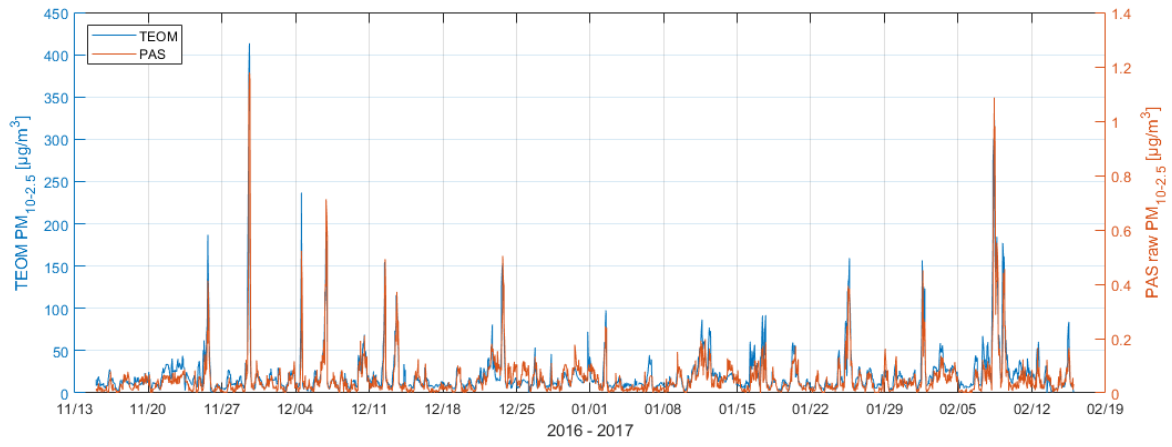


a)

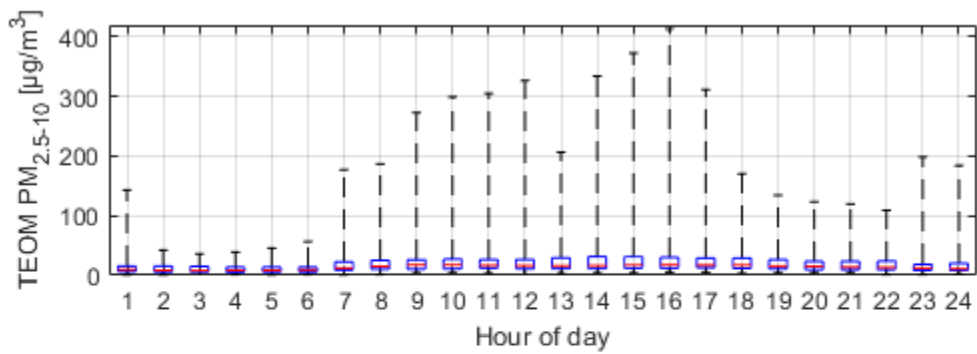


b)

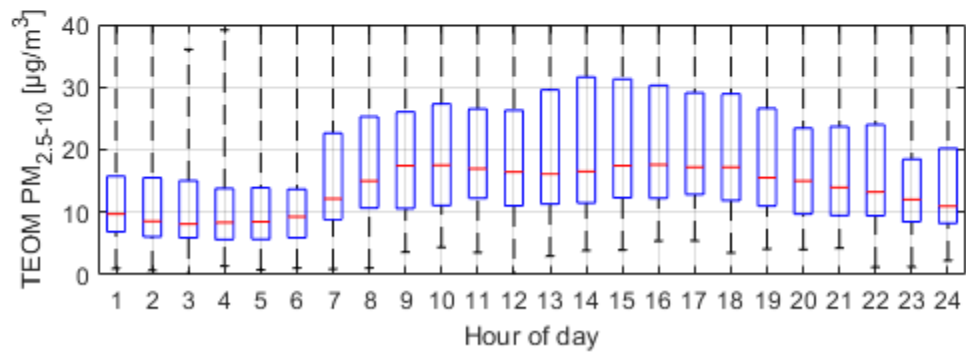
**Fig. S2.**



**Fig. S3.**

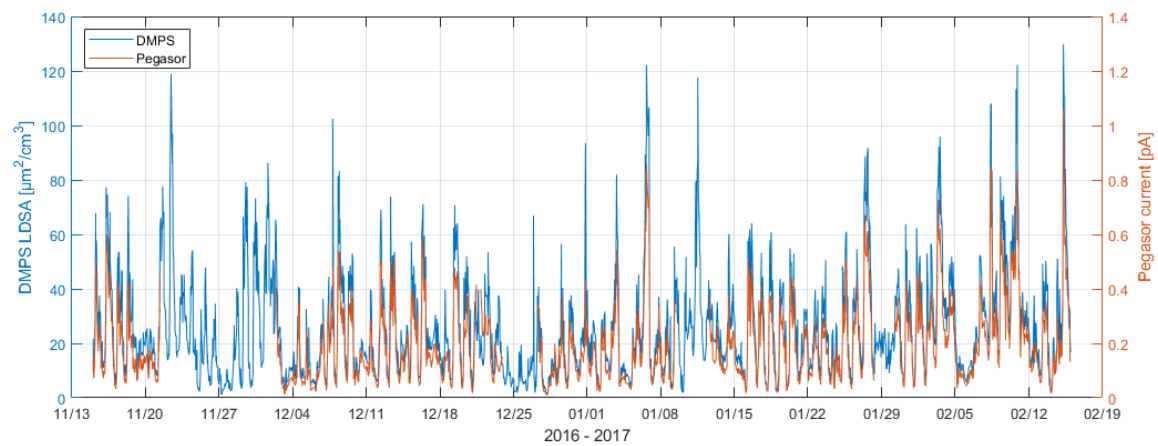


a)



b)

**Fig. S4.**



**Fig. S5.**