

Response to Referee #3

Lines 464 to 468: We adjust the description accordingly the reviewer's comment: we only mention here the hourly exposure which is similar to the duration of the measurement.

Line 456: We corrected the typo.

Response to Referee #4

1 - We agree that this is an important point, which is clearly mentioned now in the method section.

2 - Thanks for this comment, we corrected it accordingly concerning the OPC.

3 - For the image analysis, equivalent spherical diameters (ESD) are indeed considered to reconstruct the GSDs. As required, we add a more detailed explanation on that step.

4 - 3, 4, 5, and 10: Thanks for noticing that. We corrected the key inside Figures 3, 4, and 10. Note that the same symbols are used in Figure 5 (cf. caption).

5 - We corrected as suggested.

6 - Thanks for this suggestion, we added this point at the end of the conclusion.

7 - Thanks a lot for your detailed corrections, we corrected them accordingly.