Authors' response to comments by the editor:

Co-Editor Decision: Publish subject to minor revisions (review by editor) (28 Nov 2017) by Markus Petters

Comments to the Author:

Dear authors,

I have received two second round reviews of your manuscript. Both referees are satisfied with the responses to the initial comments and I will be happy to accept the paper for publication. However, the manuscript must follow the ACP data policy (https://www.atmospheric-chemistry-and-physics.net/about/data_policy.html). To quote from this:

Authors are required to provide a statement on how their underlying research data can be accessed. This must be placed as the section Data availability'at the end of the manuscript before the acknowledgements. Please see the manuscript composition for the correct sequence. If the data are not publicly accessible, a detailed explanation of why this is the case is required." In response to this item, please address in the manuscript how the data can be publicly accessed. Please note that data will be made available upon request's not acceptable under the ACP policy. The data should be freely available via a supplement to the manuscript or via a public archive.

Best regards,

Markus Petters

Reply: Thank the editor for your information, we add some information as follows:

Related additions and changes included in the revised manuscript:

Page 24 line 666-667, we add: "**Data availability.** The measured results underlying this publication are available under the https://pan.baidu.com/s/1jIDxAcA."