



# ***Interactive comment on “Calibration of the passive cavity aerosol spectrometer probe for airborne determination of the size distribution” by Y. Cai et al.***

## **Anonymous Referee #2**

Received and published: 27 June 2013

p.4125. L2. Diameter plural. Insert that after diameters.

p. 4129. L8. Flight plural.

L11. Add ed to conduct.

L12. Are to were.

L14. Is to are.

L18. Though for different sizes.

L22. Variation plural.

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L26. Not the last column but the 6<sup>th</sup> column.

L28. Is this shown in Table 1?

p. 4131. L12. A calibration does not produce. It indicates. The word increase implies time, i.e., growth, which is not the case here. This is merely a comparison that is independent of time. The laboratory calibration shows sizes that are larger or smaller than the manufacturer calibration.

L13-14. This does not make sense. Why not just compare the same rows of the two columns as they are written? There is no 0.30 or 0.28 or 0.40 in the last column and there is no 0.27, 0.29 or 0.34 in the column before the last column.

L14-15. This is not evident in Table 1. Please explain.

L16-17. Note row 6 of Table 1.

L18. There is no diameter increase. There is a difference between the manufacturer and the laboratory calibration.

L22. Evaluate is not the best word. Indicate would be better.

L23. Explain reversal.

P4134. L22. Is to was.

P4135. L8. Former to non-spherical.

L9. Latter to spherical. Former and latter do not same that much space.

P4137. L5. Shift plural.

L7. Size plural.

P4145. Threshold units?

P4149. No a or b in fig. Maybe not necessary?

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P4150. Threshold units?

P4151. No a, b or c on fig.

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Interactive comment on Atmos. Meas. Tech. Discuss., 6, 4123, 2013.

**AMTD**

6, C1431–C1433, 2013

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