

Interactive comment on “Intercomparison of total column ozone data from the Pandora spectrophotometer with Dobson, Brewer, and OMI measurements over Seoul, Korea” by Jiyoung Kim et al.

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Received and published: 8 September 2016

Answers for Specific comments: line 21-22: The sentence is changed in line 20-23
line 49: The sentence is reformulated in line 50-51 line 115: a trend from 1979 to 2004
is divided into the former trend from 1979 to 1991 and the latter trend from 1992 to
2004 in line 115. In the section starting at line 118: It is mentioned as for the Dobson
instrument, the calibrations (and their conclusions) that are relevant for the comparison
period. line 179: The meaning of RMS and uncertainty is specified and reformulated
in line 180. line 247-248: It means that all linear regression lines between Pandora

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and the others are close to 1 to 1 line. The sentence is changed. line 273: Yes MSR abbreviation for "mean square regression". line 303 and following: SO₂ effect is mentioned in line 315. Figure 1 : It is hard to distinguish many TCO points from each instrument if the 5 panels are combined in one panel. Figure 3: Vertical axis is changed to "frequency" and its meaning is explained.

Please also note the supplement to this comment:

<http://www.atmos-meas-tech-discuss.net/amt-2016-146/amt-2016-146-SC1-supplement.pdf>

Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2016-146, 2016.

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