

Interactive comment on “Representativeness of Total Column Water Vapour Retrievals from Instruments on Polar Orbiting Satellites” by H. Diedrich et al.

Anonymous Referee #1

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The manuscript falls into the scope of ACP and has the scientific quality to be published. It is very well written and organized and although there are in the literature many comparison of PWV data from satellites and GPS, none of them from the point of view of the authors, who make a great scientific contribution to validate the representativeness of the PWV measurements from the polar orbiting satellites (one per day) taking into account the temporal variability of this meteorological variable.

Technical corrections: There are two typo mistakes in caption of Figures 9 y 10. It says "red bars indicate the classes that are in the 10th percentile" and it should say "blue bars indicate the classes that are in the 10th percentile".

C1

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2016-99, 2016.

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