Atmos. Meas. Tech. Discuss.,
doi:10.5194/amt-2016-152-RC2, 2016

Atmospheric Measurement Techniques Discussions
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Interactive comment on "Evaluation of IWV from the numerical weather prediction WRF model with PPP GNSS processing for Bulgaria" *by* Tzvetan Simeonov et al.

Anonymous Referee #2

Received and published: 7 September 2016

The paper contains interesting comparisons of data.

The new idea and proposal of new method or methodology have not been articulated enough AMT journal's requirement. The chapter "methodology" should be separated and included new products.

The description of GNSS processing strategy is too detailed and refers to a known standard processing of GNSS data in PPP mode.

The paper requires significant changes for showing the integration model not only comparisons of data from different sources.

The WRF model needs reference: Skamarock WC, Klemp JB, Dudhia J, Gill DO,

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Discussion paper

Barker DM, Duda MG, Huang XY, Wang W, Powers JG (2008) A Description of the Advanced Research WRF Version 3. NCAR Tech. Note NCAR/TN-475+STR, doi:10.5065/D68S4MVH;

The same ideas integration of GNSS processing data and WRF model outputs are presented in the paper: Wilgan K., Hurter F., Geiger A., Rohm W., Bosy J. (2016) Tropospheric refractivity and zenith path delays from least-squares collocation of meteorological and GNSS data. Journal of Geodesy, DOI: 10.1007/s00190-016-0942-5, URL: http://link.springer.com/article/10.1007/s00190-016-0942-5

The conclusions should show more progress than confirm already known from literature results.

I cannot accept this publication in this form in AMT journal and major revision is required.

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