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8, S1319-S1320, 2008

Interactive Comment

## Interactive comment on "Technical Note: Impact of nonlinearity on changing the a prioriof trace gas profiles estimates from the Tropospheric Emission Spectrometer (TES)" by S. S. Kulawik et al.

## **Anonymous Referee #3**

Received and published: 5 April 2008

The paper by Kulawik et al. represents an interesting and innovative contribution to the scientific literature on atmospheric remote sensing.

Prior to publication in ACP, however, the paper should be thoroughly checked and corrected/improved with regard to typos and bulky formulations. Examples from the abstract: - "We examines ..." - "We find that ... is shown to ..."

Moreover, the references to articles that are "accepted" or "in press" should be updated.

Beyond that, I agree with most suggestions outlined in the preceding referee comment,

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Interactive Discussion

Discussion Paper



but I think that for ACP the paper qualifies as a technical note rather than a research article. It provides new and relevant methodological information for trace gas retrievals but no new insights into atmospheric processes and properties (see abstract and conclusions).

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 1261, 2008.

## **ACPD**

8, S1319-S1320, 2008

Interactive Comment

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