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## ***Interactive comment on “Transport pathways of CO in the African upper troposphere during the monsoon season: a study based upon the assimilation of spaceborne observations” by B. Barret et al.***

**Anonymous Referee #2**

Received and published: 11 April 2008

This paper presents assimilation of MLS upper tropospheric CO observations in the MOCAGE chemical transport model and an analysis of dynamical processes responsible for the transport of pollution over Africa in July 2006. I found their results interesting and, I'm specially happy to see that their assimilated CO fields agrees with observation and some other model simulations, e.g. the one uses Canadian GEM -AQ model that I'm involved with.

This paper undoubtedly will motivate worthwhile effect to future research using satellite data. The paper is well written and the results are well presented. I have no further

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questions, but recommend acceptance of this paper.

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Interactive comment on Atmos. Chem. Phys. Discuss., 8, 2863, 2008.

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8, S1545–S1546, 2008

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