

Interactive comment on “Fast retrievals of tropospheric carbonyl sulphide with IASI” by R. Anthony Vincent and Anu Dudhia

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It is very exiting to see IASI OCS data. I have a few comments after I look at the figures.

1) The OCS total column maps always show a wired feature that a sharp change from west US to east US with a smooth line coming down from north to south. This is quite suspicious and may related to scan angle.

2) Also IASI OCS in this paper is showing total column, IASI should be most sensitive to mid tropospheric OCS, why authers do not show how it is compared with HIPPO OCS across Pacific? Validation with NOAA ground measurements is great but not enough.

Hope my comments would help to improve the study.

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