

Interactive comment on “Nadir measurements of the Earth’s atmosphere with the ACE FTS: first results” by W. F. J. Evans et al.

Anonymous Referee #1

Received and published: 30 August 2008

This paper discusses observations of nadir viewed radiance using the ACE (solar occultation) instrument. While in general the paper is well written I do not believe it should be published in ACP. Basically, this paper describes an instrument capability, not any new science. The paper speculates on the potential of possible science objectives such as radiative forcing but does not demonstrate how the observed radiances could address this subject.

Since the calibration of the instrument needed to obtain the radiances looks interesting I would recommend publication in more relevant journal such as applied optics.

Specific comments:

Degrading the resolution in favor of signal-to-noise also degrades your information con-

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



tent (think of the limit of zero spectral resolution).

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 13355, 2008.

ACPD

8, S6556–S6557, 2008

Interactive
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

S6557

