Atmos. Chem. Phys. Discuss., 10, C9533–C9534, 2010 www.atmos-chem-phys-discuss.net/10/C9533/2010/ © Author(s) 2010. This work is distributed under the Creative Commons Attribute 3.0 License.



ACPD 10, C9533–C9534, 2010

> Interactive Comment

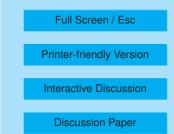
## Interactive comment on "First carbon dioxide atmospheric vertical profiles retrieved from space observation using ACE-FTS solar occultation instrument" by P. Y. Foucher et al.

## V. Fomichev

victor@nimbus.yorku.ca

Received and published: 9 November 2010

The title of this paper suggests that ACE-FTS CO2 observations are presented at the first time. This is however not right. Another paper titled "First multi-year occultation observations of CO2 in the MLT by ACE satellite: observations and analysis using the extended CMAM" by Beagley et al. was published in ACP early 2010. That paper also presents CO2 vertical profiles retrieved from ACE-FTS solar occultation instrument and two coauthors of that paper (C. Boone and P. Bernath) are also coauthors of the current paper. Both papers have a word "first" in their titles, but deal with CO2 observations in different atmospheric regions. So, to avoid any potential confusion, I suggest to modify





the title of the current paper to emphasize the stratosphere/troposphere high accuracy nature of the observations (contrary to observations in MLT presented by Beagley et al.).

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 26473, 2010.

## **ACPD**

10, C9533-C9534, 2010

Interactive Comment

Full Screen / Esc

**Printer-friendly Version** 

Interactive Discussion

**Discussion Paper** 

