

Interactive  
Comment

## ***Interactive comment on “Validation of MIPAS-ENVISAT NO<sub>2</sub> operational data” by G. Wetzel et al.***

**Anonymous Referee #2**

Received and published: 22 April 2007

This paper compares the MIPAS operational NO<sub>2</sub> with a number of correlative measurements. The paper is generally well written and scientifically sound. I recommend publication after some minor corrections (pg. and line numbers refer to the print version) 1. pg. 3340, l.2, “statistical”. 2. pg. 3340, near top. Please add a few words about how the systematic errors were determined (e.g., were errors in the line parameters included?). 3. Table 1 and Figure 2 captions, “2-day”. 4. Table 2 caption, “as a function of the solar zenith angle”. 5. pg. 3341, l. 7, “adopted”? 6. pg. 3342, l. 15, “graph”. 7. pg. 3346, l. 18, use “as a function of” rather than “in dependence on”. 8. pg. 3347, l. 24, “NO\_2”. 9. pg. 3348, l.2, “was” POAM III has also failed. 10. pg. 3349, l. 5, fix this sentence. 11. pg. 3349, l. 12, “not very” 12. pg. 3361, l. 16, “Bernath”

---

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 3333, 2007.