

Interactive comment on “Intercomparison of slant column measurements of NO₂ and O₄ by MAX-DOAS and zenith-sky UV and visible spectrometers” by H. K. Roscoe et al.

H. K. Roscoe et al.

hkro@bas.ac.uk

Received and published: 14 October 2010

Response to Anonymous Referee 1.

Referee 1 is very generous.

In response to the Specific Comment that there was no discussion in the instrument presentation about the field of view of the instruments, we have now inserted the FOV values in Table 1, and the following text in the Instruments section:

“Most instruments had a field of view (Table 1) that would not permit seeing the horizon

C1719

even at the lowest elevation angle of 2°, except in case of significant elevation errors (see below). That of Toronto at 2° was much the largest: it was designed as a zenith sky instrument, and only modified to MAX-DOAS elevation scanning in the run-up to the campaign.”

Interactive comment on Atmos. Meas. Tech. Discuss., 3, 3383, 2010.