



## Correction to “Scanning Imaging Absorption Spectrometer for Atmospheric Chartography carbon monoxide total columns: Statistical evaluation and comparison with chemistry transport model results”

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[1] In the paper “Scanning Imaging Absorption Spectrometer for Atmospheric Chartography carbon monoxide total columns: Statistical evaluation and comparison with chemistry transport model results” by A. T. J. de Laat et al. (*Journal of Geophysical Research*, *112*, D12310, doi:10.1029/2006JD008256, 2007), the caption of Figure 4 should explicitly state that the convolution with artificial noise is a 2-sigma Gaussian noise convolution. Also, the caption of Figure 7 incorrectly stated that the noise errors are shown as  $10^{18}$  molecules/cm<sup>2</sup>. This should be percentage of the corresponding annual mean TM4 CO total columns. The correct figure captions are as follows:

**Figure 4.** Probability density functions for single SCIAMACHY and corresponding TM4 CO total columns

for four different SCIAMACHY instrument noise intervals indicated at the top of each panel in  $10^{18}$  molecules/cm<sup>2</sup>. The red line indicates the SCIAMACHY probability distribution function (PDF), the dark blue line indicates the TM4 PDF while the light blue line represents the PDF of TM4 results convoluted with artificial noise (Gaussian,  $2\sigma$ ) corresponding to the selected measurement noise interval. Note the different  $x$  axis range for the top left plot.

**Figure 7.** Similar to Figure 6 but for the average SCIAMACHY CO total column monthly mean instrument noise errors for the period September 2003 to August 2004. Noise errors are shown in percentage of the corresponding annual mean TM4 CO total column.