

The authors thank the editor and the referees for their contribution.

The suggested corrections are now included in the manuscript.

In particular, the following sentence is added:

L500 -> "Assuming a lifetime of 5-6 h, the increase in NO₂ column density due to the ship emissions given by STEAM ($7 \cdot 10^5$ g/month/grid pixel) would be about $1-2 \cdot 10^{14}$ molec./cm², which is of the same order of magnitude as the NO₂ column enhancement (about $4 \cdot 10^{14}$ molec./cm²) with respect to the background ($1.5 \cdot 10^{15}$ molec./cm²) observed by OMI in the center of the Baltic Sea."