

“ GPU accelerated atmospheric chemical kinetics in the  
ECHAM/MESSy (EMAC) Earth system model (version 2.52)”  
Reply to Referee Comments

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We would like to thank the referees for their careful reading of our manuscript. We are most grateful for the comments and very useful suggestions received on how to improve the paper.

Following the suggestion of the reviewer we added in the paper comparison of the results with the SCAV (scavenging) module disabled (Figure 3) and enabled (Figure 4). We modified the text to reflect the differences and the impact of the module in comparison with and without acceleration.