

Responses to reviewer comments

We thank the referee for the positive comments. The two specific comments are addressed below.

- L185
I would replace wording “concentrations” by “mixing ratios”. This is what you need in the following

Done

- L360
After point 5 I would expect something like: By varying K and the source coordinates y_{pTR} and y_{pNA} , the best fit of the tropical and NA spectra will be determined.

The determination of K, y_{pTR} and y_{pNA} are actually found in the optimization listed as Step 4. We have added those specific terms in that step following the phrase ‘transport parameters’.