

The authors have done a good job in responding to the reviews – I suggest that this paper should now be published in AMT. I do have one remaining question, concerning the calibration of the QCLAS in the environmental chamber. I wonder if the use of dry nitrogen for this experiment is really the best option – does the different pressure broadening coefficient in dry nitrogen relative to wet air not bias the results? The field deployment data in Tuzson et al. suggests that any such effect does not result in a large bias, so I don't think the publication of this paper should be held up on this basis, but I would be interested to hear the authors' thoughts.