

Interactive comment on “Negligible influence of livestock contaminants and sampling system on ammonia measurements with cavity ring-down spectroscopy” by J. N. Kamp et al.

Anonymous Referee #2

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General comment According to the manuscript, the CDRS was calibrated under laboratory and field conditions. Due to possible interference of other compounds (water, dust, temperature) or between compounds (NH₃, CH₄, CO₂,...), it is important to compare the specifications and performance of the instrument under field conditions by comparing results of simultaneous measurements performed by using this instrument and a reference method (e.g. gas washing for NH₃, gas chromatographie for CH₄, N₂O and CO₂). This information is missing. Please add to the manuscript whether these measurements were performed (or not). If so, please report the results of the comparison. If not, please comment in the manuscript why this was not performed, and how this is going to be checked before using the instrument for real under field

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conditions.

Other comments: In general, for a number of compounds the subscripts are not as subscript in the manuscript. Page 3, lines 12-15. These are results, not part or an introduction.

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