

Interactive comment on “The in-flight blackbody calibration system for the GLORIA interferometer on board an airborne research platform” by F. Olschewski et al.

Anonymous Referee #1

Received and published: 23 August 2013

General comments This is an excellent presentation of a very thorough engineering work. The calibration units are designed and characterized very carefully indeed, and the calibration approach follows all the established rules for a correct absolute calibration. Consequently, the estimated accuracy of the calibration is impressive! I can only congratulate the team for doing an excellent job.

All this positive judgment would probably not be enough to recommend the paper for publication on its own since it represents a well-established technique. I do, however, strongly recommend it for publication as a contribution to the special issue on the GLORIA instrument. I think that this contribution plays a very important role as a part of the

C2209

experiment.

Technical corrections

Even though the paper is very carefully edited I have spotted 2 typos:

p.5536, line 26: "has" should be "have"

p.5545, line 5: "is" should be "are"

Interactive comment on Atmos. Meas. Tech. Discuss., 6, 5529, 2013.