

Interactive comment on “Radiometric flight results from the HyperSpectral Imager for Climate Science (HySICS)” by Greg Kopp et al.

Anonymous Referee #1

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i find the paper very well written, with a high scientific level.

I just have some very small comments: * §2.1: i recommend for a better understanding of the optical system to introduce a figure describing the instrumentation * figure 1: change burring to blurring in the legend * §4.2.3.: a way to have a better estimation of the spectral scale correction is also to use the 02 atmosphere absorption band which very narrow, this will reduce the uncertainty of this correction as two different methods can be used with independent errors. * figure 4: why the x axis does not cover the 2-2.5 μm spectral range? * spectral shift: i understand the way to achieve a spectral calibration (positioning) is done using a lamp which marginally covers the SWIR band. What is happening in the domain? * to reduce the flat field uncertainty it is said that a multi image processing could be a way. This is generally what is done why not doing it directly, before processing?

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., doi:10.5194/gi-2016-37, 2016.

GID

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