

***Interactive comment on “Processing of
GRAS/METOP radio occultation data recorded in
closed-loop and raw-sampling modes” by
M. E. Gorbunov et al.***

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Received and published: 28 March 2011

I have several issues with this manuscript:

- Abstract: it mentions that it will show data quality to be similar to COSMIC. This is in fact nowhere shown in the whole paper.
- Page 1066, Line 6: How sharp is the tropopause resolution of ECMWF, is this really just a GRAS issue?
- Page 1066, Figure 6: Why has CL data a much larger bias than RS data at low lats? That points to some processing problem, the instrument should measure a similar

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bending in RS & CL, only CL will terminate earlier. Your figure 6 however shows an increasing bias downward, starting already at around 8km, while the RS+CL data does show no bias down to about 2km at low latitudes.

- Conclusion: it states that removal of navigation bit data is very similar to detection of it, this is again not shown in the paper. It would actually be very interesting to show this here, and remove a not too useful plot (fig 2?).
- Conclusion: Last paragraph seems to be out of place.

Interactive comment on Atmos. Meas. Tech. Discuss., 4, 1061, 2011.

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