Comments on Ocean Science editor review

Both reviewers found several common points for improvements in the initial version.

First, the length of the manuscript -- addressed by separating the manuscript into two.
Second, the old section 2.2 -- revised in accordance with the comments.
Third, the treatment of incoherent components of internal tides as "dissipation" (comment 5 from Rev.#1 and first "Remark" from Rev.#2). -- This is addressed by adding two paragraphs (LL.206-208 & LL.609-613), but I found some discussion could also be added at LL.422--429.
Forth, the old section 2.3.6 -- now totally rewritten.

We thank the editor for his quick and thoughtful feedback on our revised submission while acknowledging the changes we have made based on the reviewers' comments.

Considering the treatment of incoherent components of internal tides as "dissipation": following the suggestion of the editor, we also included a paragraph at L. 428-433, alongside the already existing paragraphs at L. 210-211 and L. 610-615. Also, the two sentences from the previous manuscript (L. 461-464) were displaced to L. 428-430 in the new manuscript. We found it more appropriate to address the high dissipation rates already in Sect. 4.2 since Fig. 9 refers to it.

I found other comments from both reviewers have been addressed appropriately through the revision and the manuscript is almost ready for publication. Before printing, however, could you consider following potential improvements?

L.22, 'express' → 'express themselves'
Thank you for this suggestion, we corrected it.

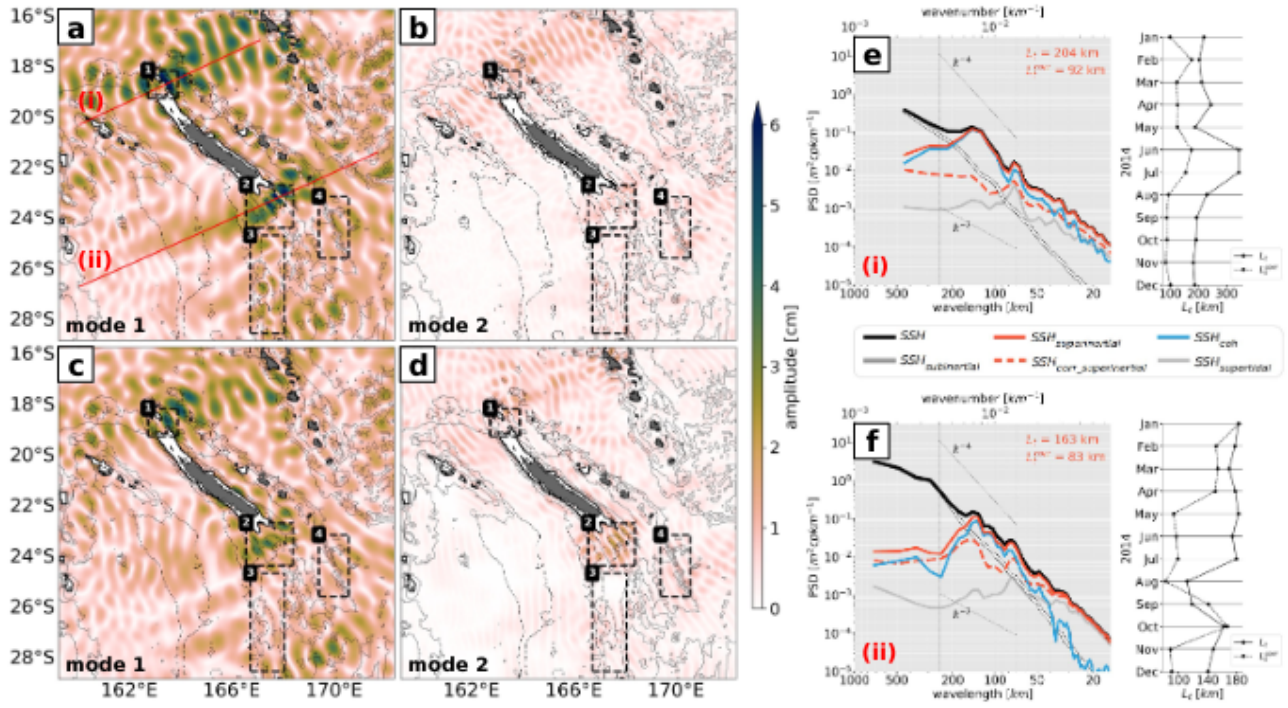*L.138, '2.5e-3' → 2.5×10^{-3}*
Thank you for spotting this mistake. This is now corrected.

Figure 13, panel d. The colorbar hides the important north-eastward beam emitted from Box 1. Is it possible to move the colorbar somewhere else? Maybe lower left corner or outside of the box?
Thank you for this remark, we agree on this point. The colorbar is now outside of the sub-figures (a)-(d) as shown below (next page)

L.527 'variations of the variations'
Thank you for spotting this error. It is now corrected.

New Fig. 13 with colorbar outside the subplots (a)-(d)