

I noted in the response to point 2) from reviewer 1 that the authors said that they are now using a shape file to average over rather than the green box in the original figure 2. In the track change manuscript however figure 2 and 6 still have the green box on and the text still says that the averaging is done over this box (line 158 and captions to figures 3,4,5). If the new method has been implemented and shows better results, please ensure that the manuscript is updated to reflect this.

Reply: We modified the specified points in the revised manuscript and highlighted them in the track-change document. The captions for figures 3, 4, and 5, as well as text in line 158, have been modified accordingly.