Reviewer report

First of all, this paper addresses relevant scientific questions within the scope of GI and presents novel concepts and ideas about the method for processing XCP data. The title clearly reflects the contents of the paper and the abstract provides a concise and complete summary. This paper outlines the scientific methods and assumptions clearly, and then it reaches substantial conclusions, the results in discussion part are sufficient to support the interpretations and conclusions. The calculations are sufficiently complete and precise. The number and quality of references are appropriate. The overall presentation is well structured and clear. But I still have some questions, so minor revisions should be made.

1. Line35: The unit of electric field strength is V/m, so what's the meaning of 'nanovolts' you mentioned here?

2. Line46: Two essential steps are presented here, while the second one is scarcely mentioned in the text, with only one result.

3. Line57: In the text you mention 'the induced voltage direction', but the voltage is scalar and has no direction.

4. Line61: The meaning of the 'average velocity' is unclear, please make a clear definition.

After reading through the full paper, I find the language is fluent and precise.