Point-by-point response to Comments and Suggestions for Authors

Thank you for your review of our paper. We have answered each of your points below.

Comments 1: *[increase the readability of drawings no. 7 and 8 - perhaps the solution will be to use two rather than three views (the first two are similar anyway), which will allow to increase the size of the drawings.]*

Response 1: *[I agree with this comment. The second image in Figure 7 and Figure 8 was deleted, and the image size was increased.]*

Comments 2: *[heatmaps visualization has been introduced in Figure No. 8, this aspect is discussed in the text in lines 296-298, however, the text does not provide direct results as to what the purpose of this type of presentation is, and how to interpret the color maps in Figure No. 8 - for To increase the clarity of the text, it is necessary to enter an additional description in the text for this figure.]*

Response 2: *[I agree with this comment. A text note has been added to page 11 to elucidate the rationale behind the incorporation of the heat map. The enhanced algorithm's detection area is comparatively expansive. P.11 yellow marker text]*