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Object : Response to technical corrections

Dear Prof. Dr. Michael Krautblatter,

We revised the manuscript by following all your suggestions. We added supplementary material with the figure and the corresponding discussion from the EGU poster. We included the elements of discussion in the revised paper as suggested. We supplemented the acknowledgement with thanks toward the reviewers and the editors. The only comment for which we did not follow your suggestion regards the position of the four location of the TLS on the map : Given that the measurement points are distant from the DTM shown in Figure 1, providing the positions of the TLS to scale would significantly reduce the size and thus the readability of the map presented in Figure 1.

We hope this version is now suitable for publication in E-Surf, and we thank you warmly for all your help and constructive suggestions.

Best Regards,

Clément Hibert, on behalf of all the authors