Response to Reviewer 2 Comments

Point 1: As the double-sided welding approach induced an annealing of the material welded in the pass beforehand, would it be interesting to use a laser with higher power to achieve a single-pass weld with full penetration?

Response 1: In our case, we had a laser only with a maximum power of 3 kW, if we had used a more powerful laser, we would have been able to weld 10 mm sheet metal from one side. We used single-pass weld for 5 mm thick plate during project performance too; nevertheless, these results were beyond manuscript content. But the annealing of the top side was not for single-pass weld observed.

Point 2: Other than that, I would only recommend to spell-check again.

Response 2: Re-spell-check has been accomplished.