

We thank the reviewer, the editor and the journal staff for taking the time to review the manuscript, for their feedback and for allowing us a second revision. Below we address each comment individually together with the changes made to the manuscript accordingly. We believe that all the suggestions have been adequately addressed and we hope that this version will be accepted for publication in Optics Express.

1. In the introduction we added the three references proposed by the reviewer.
2. In Eq. (3) we corrected the subscript r_1
3. In Section 7 we replaced Eq. 14 by Eq. (14)