

Author response to referee comments

1. Referee comments (RC3) are in **BLACK**
2. Authors' answers (AC) are in **BLUE**
3. Changes in the manuscript (MC) are in **PURPLE**; the lines refer not to the original, but to the revised version of the manuscript.

Author's response to comments of Referees #3 and #4

AC: We thank the anonymous referees for the review of the manuscript. The minor comment by Referee #3 is addressed below, alongside the changes that were made to the manuscript based on this comment.

RC3: The titles of the y-axis on the paper's figures still read "Irradiance" instead of "Spectral irradiance" even though the units are now (correctly) those of spectral irradiance.

AC: Thank you for the note, we changed all the required axis titles accordingly.

MC:

- Fig. 4 (line 730): y-axis title was changed in panels (a) and (b)
- Fig. 5 (line 733): legend of panel (a) was changed
- Fig. 7 (line 741): y-axis title was changed in panel (c)
- Fig. 8 (line 746): y-axis title was changed in panel (c)
- Fig. 9 (line 750): y-axis title was changed in panel (c)
- Fig. A1 (line 760): y-axis title was changed in all ten panels