

We will like to thank the editor and the reviewers for taking the time to correct our manuscript. We much appreciate their combined effort in making the paper suitable for publication. The technical corrections suggested by one of the reviewers have been amended and highlight in color red accordingly.

* Conclusions: remove '(i)' before the first sentence

The 'i' before the first sentence, in conclusion, has been deleted

We have examined the variations of observed and modeled TEC over an equatorial region in Africa during a year of low solar activity.

* Line 359: Correct 'Our findings showed:' as 'Our findings showed that:'

Line 359 has been written as suggested by the reviewer

Our findings showed that

* Line 360: remove 'that.'

Line 360 has been rewritten to remove that. The statement now reads

(i) GPS-TEC and modeled TEC are solar zenith angle dependence.