SDI Review Form 1.6

Journal Name:	Asian Journal of Research and Review in Physics
Manuscript Number:	**Ms_AJR2P_45027**
Title of the Manuscript:	**SCALED-UP ANALYSIS OF SURFACE REFRACTIVITY ACROSS WEST AFRICA**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.
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PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	In electromagnetic wave propagation, it is well known that the changes of refractivity with height determine the curvature followed by the ray, but not the difference of refractivity at two different latitudes. In my opinion, a much better approach would be to obtain the vertical gradient of refractivity with the height in each zone using that the measures at 2 and 10 meters are available.	Thank you for your valuable comments. A future implication on vertical gradient of refractivity with the height in each zone could be considered in the next manuscript
Minor REVISION comments		
Optional/General comments	The paper is well organized and written. However, the problem of electromagnetic waves bending is not adequately focused and the comment made in the previous point could be a good solution in a corrected version of the paper.	Authors very much appreciate the comments of the reviewers. We are working on this section for our future studies

PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	