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	

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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	I would suggest and prefer that this manuscript to be improved upon especially on the implications and the rationale. There is a need to use recent publications to write more on the introduction and background of this study. See the following published articles which are on refractivity studies and how these weather variables affect signals within the study region and cite them accordingly for improvement of this manuscript: 1. Ukhurebor, K.E; Azi, S.O (2018): Review of Methodology to Obtain Parameters for Radio Wave Propagation at Low Altitudes from Meteorological Data: New Results for Auchi Area in Edo State, Nigeria, *Elsevier Journal of King Saud University – Science (doi: https://doi.org/10.1016/j.jksus.2018.03.001).* 2. Ukhurebor, K.E; Azi, S.O; Abiodun, I.C; Ojiemudia, S.E (2018): The Influence of Weather Variables on Atmospheric Refractivity over Auchi, South-South, Nigeria, *Journal for Applied Science and Environmental Management', Vol. 22(4), pp 471-475 (*DOI: https://dx.doi.org/10.4314/jasem.v22i4.5). 3. Ukhurebor, K.E; Umukoro, O.J (2018): Influence of Meteorological Variables on UHF Radio Signal: Recent Findings for EBS, Benin City, South-South, Nigeria, *IOP Conference Series: Earth & Environment Science, 173, 012017 (doi:10.1088/1755-1315/173/1/012017).* Also, the materials, methods and results from your studies need to be expressed concisely and explicitly. Your references would be better if you cite recent published articles within the study region which are on refractivity studies and possibly how these weather variables affect signals. Make use of one's listed above and possibly more.	We have upgraded the manuscript with the mentioned recent references in our revised version
Minor REVISION comments	Abstract: Line 5: Would be better as: The scaled-up analysis of surface refractivity over a period of 22 years (1983 – 2005) for different climatic zones in… Please, do same for every where you have such statement. Line 7-9 would be better if moved to join the introduction section. Please, also check out for some other minute errors especially grammatical ones.	Corrections have been made according to the comments
Optional/General comments	I must comment the author(s) of this manuscript, because as rightly stated in the concluding part of this manuscript the implications of normalized values of surface refractivity across any climatic zone is very crucial to radio propagations.	

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)*	