



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	Ms_PSIJ_51839
Title of the Manuscript:	Diurnal, Seasonal and Annual Variation of Microwave Radio Refractivity Gradient over Akure, South West Nigeria
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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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)
<b>Compulsory</b> REVISION comments	<ul style="list-style-type: none"> <li>- Numbering system of referencing should be used i.e., [Tanko et al. (2018)]. should be replaced with [1], [Sizun (2005)] with [2] and so on. Note that: It has to be sequential. See previous published papers and journal author's guide.</li> <li>- Give a brief description of the study area under a separate section and differentiate between the two distinct seasons; the dry and wet seasons with respect to their months for Akure. This will make the readers understand why 2<sup>nd</sup> January and 2<sup>nd</sup> July in Figs.1 and 3.</li> <li>- At the Methodology section, give the conditions for sub-refraction, super-refraction and ducting based on the refractivity gradient.</li> <li>- Calculate the refractivity gradient for diurnal, seasonal and annual level. This will cancel the word "suspected" as assumed that the propagation is sub-refraction.</li> <li>- Some minor corrections can be seen on the manuscript.</li> <li>- See journal author's guide on reference pattern.</li> </ul>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments	The manuscript will be more informative; if the minor corrections are effected.	



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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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