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| Book Name: | [**Scientific Research, New Technologies and Applications**](https://www.bookpi.org/bookstore/product/scientific-research-new-technologies-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_3704** |
| Title of the Manuscript: | **Effect of Gas Attenuation Prediction Models at Ota, Southwest Nigeria** |
| Type of the Article | **Book Chapter** |

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| PART 1: Review Comments | | |
| Compulsory REVISION comments | Reviewer’s comment | Author’s Feedback*(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.** | **This manuscript addresses a critical challenge in satellite telecommunication systems: the impact of gas attenuation on earth-space link reliability, particularly in tropical regions. By analyzing five years of data from a spectrum analyzer and weather station, the study provides valuable insights into the accuracy of various gas attenuation prediction models, with specific reference to the ITU-R model's suitability for tropical conditions.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes** |  |
| **Are subsections and structure of the manuscript appropriate?** | **Yes** |  |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part.** | **This manuscript demonstrates scientific robustness and technical soundness by addressing a critical issue in satellite telecommunications—gas attenuation on earth-space paths, particularly in tropical regions.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/Generalcomments | No |  |

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| **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)* |  |

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| **Reviewer Details:** | |
| Name: | **Rohitashv Nagar** |
| Department, University & Country | **Career Point University, Kota (Rajasthan), India** |