

**Review Form 3**

Journal Name:	<a href="#">Journal of Engineering Research and Reports</a>
Manuscript Number:	Ms_JERR_125760
Title of the Manuscript:	<b>Analysis and Prediction of Path Loss for Mobile Communication Lines in Nasarawa State Using Propagation Models</b>
Type of the Article	<b>Original Research Article</b>

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>This manuscript is a timely and impactful contribution to the scientific community, offering a comprehensive examination of Mobile Communication. The authors' meticulous approach to Propagation Models yields compelling results that challenge prevailing assumptions and provide fresh perspectives on Prediction of Path Loss for Mobile Communication. The study's findings have far-reaching implications for, with potential applications in Mobile Communication. I particularly appreciate the manuscript's clarity, organization, and thoughtful discussion, which facilitate a deeper understanding of the complex issues explored. Overall, this manuscript has the potential to significantly influence future research directions and inform policy decisions in communication filed."</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>Yes, the title Accurately reflect the article's content and main theme.</p>	
<p><b>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.</b></p>	<p>The abstract is well-structured and informative, providing a concise overview of the study. However, to enhance clarity and comprehensiveness, consider the following suggestions:</p> <p>Additions:</p> <ol style="list-style-type: none"> <li>Briefly mention the measurement methodology (e.g., signal strength info app, data collection period).</li> <li>Specify the frequency band used (e.g., 4G, LTE).</li> <li>Clarify the significance of the study's findings for practical applications.</li> </ol>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>This structure appears appropriate for a research manuscript.</p>	
<p><b>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 minimum of 3-4 sentences may be required for this part.</b></p>	<p>This manuscript demonstrates scientific robustness and technical soundness through its rigorous methodology, thorough literature review, and comprehensive data analysis. The authors employ established empirical models and conduct a meticulous comparison with measured path loss data, ensuring reliability and validity of the findings. The use of Root Mean Square Error (RMSE) analysis provides a quantitative assessment of model accuracy, allowing for informed conclusions. Furthermore, the manuscript's clear presentation of results, including tables, figures, and equations, facilitates transparency and reproducibility.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>YES, all the references listed in this paper are recent and releavent to research work in this manuscript</p>	
<p><b>Minor</b> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language quality appears to be clear and concise, making it suitable for scholarly communications.</p>	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

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

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