



**SDI Review Form 1.6**

Journal Name:	<b><u>Physical Science International Journal</u></b>
Manuscript Number:	<b>Ms_PSIJ_30035</b>
Title of the Manuscript:	<b>Theoretical Computation of Magnetic Field Density within the Vicinity of Rukpokwu 11 KVA Distribution Power Lines</b>
Type of the Article	<b>Original Research Article</b>

**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>)



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**PART 1: Review Comments**

	<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>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	<ul style="list-style-type: none"> <li>- The word electricity should be replaced with current (line 33).</li> <li>- The full-stops should come after the parentheses citing an author. (see line 35 as an example).</li> <li>- The right acronym for electromagnetic field Force is (EMF). Check line 53,</li> <li>- What Physics laws did authors consider in their work? It is appropriate to state the laws considered.</li> <li>-Define all the terms in equation (1).</li> <li>-The word equivalently should be removed</li> <li>-Increase the font size of all equations used in the work.</li> <li>- Stick to a uniform justification style; See line 33 to 49, these lines are left justified.</li> <li>-In line 210, the word study area is most appropriate. Check justification from line 220.</li> <li>- The total magnetic field strength continued to decrease as the distance from the conductor increases. However, at 600 m, the trend changed. Why this change at 600 m?</li> </ul>	<p>It has been replaced.</p> <p>The full-stops have been put after the parentheses.</p> <p>ELF stands for Extremely Low Frequency and not electromagnetic field force .</p> <p>We used the Ampere's law. This law has been fully articulated in the theoretical formulations.</p> <p>All the terms in equation (1) have been defined.</p> <p>The word equivalently has been removed.</p> <p>We have increased the font size of all equations.</p> <p>The justification is now uniform.</p> <p>We have used the word study area.</p> <p>The <math>B_{x_{inT}}</math> increased at point 600 m and therefore influenced the total magnetic field. It could be that the x- component of magnetic field at this point is high relative to the shorter distances.</p>



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<b><u>Optional/General</u></b> comments	<p>The work is scientifically sound considering the area of research implications (human radiation absorption). I find the paper publishable. However, authors should follow the review comments and the highlighted original manuscript and effect corrections.</p> <p>Finally, the number of citations in the work is minimal. A minimum of 10 authors should be cited for scientific paper of this nature.</p> <p>Standard referencing style should be followed. Authors are not consistent with work listed at the referencing list.</p>	<p>We have added 4 additional references making the total equal to 11.</p>
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As per the guideline of editorial office we have follow VANCOUVER reference style for our paper.  
Kindly see the following link: <http://sciencedomain.org/archives/20>