



SDI Review Form 1.6

Journal Name:	<u>Physical Science International Journal</u>
Manuscript Number:	Ms_PSIJ_33973
Title of the Manuscript:	Evaluation of Electromagnetic Fields from Power Lines in Irrua, Edo State, 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>)



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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	<p>Abstract Line 8-9 – The study focus on constant current and the variation of electric and magnetic field at different distance. Line 17-18 – To general recommendations.</p> <p>Line 64 -66 and 84 – Reference is required.</p> <ul style="list-style-type: none"> • action of nerves. [] • above 1000μT and 50 kV/m.[] • worse polluters than the huge HVETLs.[] <p>Line 115 – 3.0 Theoretical Background</p> <p>The theoretical part seems irrelevant with the Title as the focus should be on electromagnetic. The author can provide and focus the effect of radiation at part 2.0 and part 3.0 should focus on the equation for the calculation of Magnetic and Electric field to show how the distance affects the magnitude of the measurement.</p> <p>Line 161 - 4.0 –Method The author should provide the meaning of HVTPL for the first time usage and should provide the details on where it is situated for example the position from the ground.</p> <p>I don't see that the usage of measuring tape is safe</p>	



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	<p>method to measure distance especially when you are measuring at 5m from HV source.</p> <p>6.0 – Conclusion The author should provide more specific recommendations (for example provide a recommended distance based on study) otherwise this study doesn't serve a purpose.</p>	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	<p>Since the author has conducted the experiment at a hospital maybe the author can compare outdoor and indoor signal to clarify whether it is safe to stay indoors compared to outdoor.</p>	

Reviewer Details:

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