



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	Ms_BJAST_33104
Title of the Manuscript:	Risks Associated with Radio-frequency Radiation Exposure at Close Proximities to Mobile Phone Base Stations in Port Harcourt, Rivers State, Nigeria.
Type of the 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	1. Abstract: i. Line 12- 1.6m contradicts 1.5m stated in line 82 under Materials and methods. Also standard height usually applied is 1.0m. 2. Line 14- The unit kilogramme is represented by the symbol 'kg.' and not 'Kg.' Also needs to be corrected at other places in the report particularly on the Tables, the graphs and under Results and discussion. 3. Figures 1- 4 have wrong captions. Should be 'Graph of Total Power Density against Distance' 4. The legends on these graphs do not accurately describe the lines on the graphs. 5. No explanation is given for the constant values used in Equation 1 for human surface area and weight. The reference cited also has not given any explanation for this choice.	
Minor REVISION comments	1. Introduction i. Line 26- Delete 'Base Stations (masts)' ii. Line 27- Replace 'easily' with 'easy' iii. Line 28- Replace 'businesses patterns' with 'business partners'; Replace 'Telecommunication based' with 'These base' iv. Line 29- Replace 'in' with 'around'; Add 's' to 'area', 'school' and 'place' v. Line 30- Insert 'other' between 'and' and 'living' ; Replace 'organisms' with 'things'; Delete the second 'living' vi. Line 31- Replace 'with respect to' with 'depending on' vii. Line 35- Delete 'Base Stations (masts) to man'	



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	viii. Line 37- Replace 'over' with 'due to' ; Delete 'telecommunication' and insert 'the' ix. Line 38- Delete 'both residential and official residence' and insert 'residential areas, office premises etc.' ; Change 'wolf' to 'Wolf' x. Line 41- Change 'has' to 'have' xi. Line 43- Change 'have' to 'has'; Delete 'this'; Change 'long term' to 'long-term' xii. Line 45- Change 'sleep-disorders' to 'sleep disorders' xiii. Line 46- Insert '.' after '(EM Watch, 2011)' ; Replace 'as' with 'have' xiv. Line 48- Arrange listed references chronologically. xv. Line 52- Change 'fields' to 'radiation' ; Insert 'quality' after 'the' ; Replace 'radiofrequency (RF)' with 'radiation' xvi. Line 54- Replace 'are' with 'is' <u>2. Study Area</u> i. Line 63- Confirm correct values for latitude and longitude. ii. Line 66- Replace 'area' with 'city' ; Change 'area' to 'locations' iii. Line 68- Change 'contain' to 'contains' ; Be specific about the distribution of the base stations. <u>3. Materials and Method</u> i. Line 76- Insert 'the RF' after 'analyze' ii. Line 77- Insert 'the' before 'telecommunication' ; Change 'studied' to 'study' iii. Line 86/87- Change 'radiation can be measured' to 'frequencies could be covered' <u>4. Results and Discussion</u> i. Line 100/101- Change 'distances' to 'distance'; Change second 'shown' to 'show'	
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	ii. Line 155- Change 'was' to 'were' iii. Line 157- Insert 'in this area' after 'stations' iv. Line 160- Change 'mast' to 'masts' v. Lines 160-162- The basis for comparison here needs to be properly clarified: is the concentration of masts in the study area in 2010 still the same as that in the present study? vi. Line 164- Change 'was' to 'were' vii. Line 176- Change 'is' to 'are' 5. Conclusion i. Line 191- Cite reference after 'health' ii. Line 192- Change 'does' to 'do' iii. Lines 193-202- The recommendations stated here do not agree with the conclusion in this work. The conclusion should be restructured to capture what is available in literature that some adverse effects had been observed but the data from the present study does not indicate this. However there is the need for precautions in view of the several observed effects reported in literature. Recommendations in literature also include specific design values for citing telecommunication base stations. Please take note of these as those stated in this work are rather vague.	
<u>Optional/General</u> comments	The results of this work would add to existing data on this topic in the study area.	

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