



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	Ms_BJAST_32619
Title of the Manuscript:	A Comparative Study of the SAR Reduction Techniques for the Effects of Electromagnetic Waves on Human Head
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 <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>
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	Indicate in a few words the extra contribution when compared with references 6, 7, etc. For example numerical SAR calculation with SAM phantom is similar to result of to reference (7) (M. T. Islam et al). What kind of equations found from the references 5-8 or equivalents are used in this manuscript for the simulation.	Our work shows the effect of the different shielding materials with three different antennas to achieve the better SAR reduction. The SAR results might be close to Ref. [7] for ferrite with helix only, but we calculated it for other types of antenna and other head models. The equations used for SAR calculations are the same foe all references but we introduce a comparison with different models and different antennas to come out with the best model for the design
<u>Optional/General</u> comments		