



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_26301
Title of the Manuscript:	Quantitative Design and Evaluation of EMI Filters in a Digitally Controlled Boost PFC Converter
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)
<u>Compulsory</u> REVISION comments	● The main contribution of the authors with respect to previous research work is not mentioned clearly in the paper. ● In introduction part the contribution and novelty of the research work with respect to existing literature work is to be explained. ● Is this method valid for high-power converters? ● Whether this concept is applicable for design of boost converter with other different practices and topologies? ● Check the entries of last column of the Table-4 and Table-5	● Some sentences have been added to the introduction section to address the main contribution and novelty of the proposed paper with respect to previous research work. (in line No. 49-58 of the introduction section) . ● The proposed design method is valid for high-power converters. ● The proposed design concept is also applicable for designing of boost converter with other different practices and topologies. A sentence about this point is added to the conclusion section. (in line No. 468-469 of the conclusion section) . ● The entries of last column of the Table-4 and Table-5 have been checked and amended.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		