



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	Ms_PSIJ_19439
Title of the Manuscript:	High Microwave Absorption of Multi-Walled Carbon Nanotubes (Outer Diameter 10 - 20 nm)-Epoxy Composites in R-Band
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)
<b>Compulsory</b> REVISION comments	<p><b>So much work has been carried out recently in the area of Multi-walled Carbon Nano-tubes epoxy composites that I don't find any novelty in the work presented in this manuscript.</b></p> <p><b>Moreover, authors have to study penetration depth required for this frequency range and how Raman spectra will be affected if MWCNT is embedded with epoxies.</b></p> <p><b>Does thermal stability of the composites is affected when MWCNT are entrapped in epoxy matrix.</b></p> <p>Please see the paper: J Nano particle Research 2013, 15:1554, DOI 10.1007/s11051-013-1554-0</p>	<p>The diameters of CNTs have a strong influence on their electronic properties. In this work, the selected MWCNTs with OD in 10-20nm are explored for epoxy composites and their microwave absorption properties. The results may serve for potential applications.</p> <p>Our lab aims to study the microwave properties of various materials and does not have the capability to study penetration depth and Raman spectra. We will explore the suggested topic in the future.</p> <p>Thermal stability of the composites is an interesting topic for future research. This paper focuses more on the microwave absorption properties of the composites. We have checked the referred papers.</p>
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		