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Journal Name:	Physical Science International Journal
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 <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, 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:

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PART 1: Review Comments

	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 commentsIn this work, authors fabricated MWCNTs-epoxy composites, which shows unique characteristics of microwave absorption in R-band, and they found the optimized the weight % of MWCNTs in composites to maximize their absorption in wide range of microwave. I think readers of this journal would have interest in this study, but found some ambiguity in their discussion, and would like to recommend publication after some revisions regarding the points listed below.1. Title and introduction: I wonder why you emphasize the outer diameter of MWCNTs and it should be commented why you focus on R-band region, not in 2-18 GHz region as you referred.2. Section 3.1, Line 94 - 101: This part mentioned general discussion about the effect of morphology to microwave absorption properties. I think that the discussion should be moved to latter part of this section or written after showing their absorption properties.3. Section 3.2, Line 122-123: You mentioned "the peak positions slightly 	

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	reason for the increase.	
	6. Section 3.3, Line 153 – 161: The clear discussion to explain the increase of ε' and ε'' should be given in the manuscript. I don't understand the reason why the 9 and 10 wt% sample give the high values compared to other samples.	
	7. Section 3.5: If possible, please add further explanation why the absorption ratio in the range < 30 GHz in the 10 wt% sample decreased compared to 7 and 8 wt% samples, as shown in Figure 5 (a). I would like to know why the frequency dependence appeared at high wt% MWCNTs sample (also up to 7 - wt% samples in Figure 5 (b)).	
Minor REVISION		
comments		
<u>Optional/General</u>		
comments		

Reviewer Details:

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