



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_36981
Title of the Manuscript:	Characterization of vertical profile of rain micro-structure using Micro Rain Radar in a tropical part of Nigeria
Type of the Article	Review Paper

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>)

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		
Minor REVISION comments	<p>This is a very useful paper that considers rainfall parameters from a radar at Nigeria. Observations obtained during one year are analysed and overall results are presented. Moreover, radar reflectivity - rain rate relationships are obtained at different heights and compared with results from other locations. Relationships between liquid water content and rain rate are also presented. Finally, two rain events are compared. The paper uses varied references. It merits to be published, although certain minor changes should be introduced prior to its publication.</p> <p>L. 73, replace “works of ((Das et al., 2010...” by “works of Das et al. (2010)...”</p> <p>L. 139, replace “typeis” by “types”.</p> <p>Since the bright band is used along the text, one paragraph in the theoretical section should be devoted to its definition and determination.</p> <p>Figure 1 (a) and (b). Indicate the variable in the scale and its unit.</p> <p>L. 175-185, detail the bright band in Fig. 1 (a-b).</p>	<ul style="list-style-type: none"> ❖ L. 73 - Agreed and correction effected ❖ L. 139- Agreed and correction effected ❖ Bright Band and No Bright Band now discussed in sections 4.1 and 4.2 ❖ L. 175-185 Bright and No Bright Band region indicated as BB and NBB respectively.
Optional/General comments		