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Journal Name:	**Physical Science International Journal**
Manuscript Number:	**2014_PSIJ_12908**
Title of the Manuscript:	THERMAL AND FREQUENCY STABILITY OF DIELECTRIC CERAMIC $Ba_{6-3x}Nd_{8+2x}Ti_{18}O_{54}$ (x=0.15, 0.25)
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)*
Compulsory REVISION comments	Materials and methods: 1] The mixing of raw materials must be calcined before sintering to remove CO_2 gas by a certain heat treatment. The author must be mention in the main text the condition of the calcination process. Results and discussion: 1] The author made the XRD-analysis and he/she mentioned that the structure was orthorhombic phase, it is necessary to calculate the lattice constants in order to emphasize the orthorhombic structure. 2] The author mentioned to the shifting of the XRD-peaks, but also it is necessary to mention the variation of the peaks intensities and their effect on the position of Nd-ions in the structure. 3] The data in table (1), was not clear how it was obtained.	
Minor REVISION comments	Materials and methods: 1] Archimedex experiment is not accurate in comparable with densometer apparatus if it was used. 2] Some times the author used the word (doping), but the process to composite the mixture is (substitution) not doping.	
Optional/General comments	Results and discussion: He/she did not try to discuss the effect of frequency if it is used greater than 1 MHz.	

Note: Anonymous Reviewer