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Manuscript Number:	2014_PSIJ_8904
Title of the Manuscript:	Random Telegraph Signals Generated in Transistors Due to Gamma Ray Irradiation: Online Study of the Device Characteristics
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>)

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	The effect of radiation is often on the electronic circuits that are close to radioactive sources, especially in the nuclear labs. The protons or alpha particles or beta particles have no effect on the properties of electronic unless the nuclear radiation be of high energies and direct on electronic circuits because the	The energy range of photons used in the present study is higher than that of typical gamma rays emitted from radio active sources. Hence the observed effects. In view of the comments we assume that no revision is recommended and the manuscript is acceptable.



SDI Review Form 1.6

	plasma formed from these particles are close to the surface of the material, but gamma rays as possible penetrate the area of potential barrier and events influence.	
Minor REVISION comments	I think the effect of nuclear radiation is clear in the case of irradiation of the second and third time.	Yes, this has been ensured by repeated measurements
Optional/General comments	The paper is important because the effect of radiation on the electronic properties sometimes have a negative impact on the practical results.	Yes.