



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2013_PSIJ_8590
Title of the Manuscript:	Effect of polarity of the voltage pulse on the appearance of the discharge at the breakdown in the nonuniform electric field
Type of the Article	Short 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)
<u>Compulsory</u> REVISION comments	1- Need provide the schematic diagram of methodology. 2- Need more details about RADN-220 pulser. 3- How confirm that the fig. 3 graph d was breakdown. 4-until which value the gas was decrease in fig. 3 (a). 5- Need to conclude the result.	1. The schematic diagram of experimental setup is shown on the Fig. 1. 2. The parameters of the RADAN-220 pulser is presented in the item 2.1. 3. At conditions of Fig. 3d the oscillograms like those on the Fig.2 were registered. It confirms the presence of breakdown at conditions of Fig. 3d. 4. The pressure of air at conditions of Fig. 3a was constant – 0.5 atm. 5. The conclusion is presented in the item 4.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		