|  |  |
| --- | --- |
|  | |
| Book Name: | [**Current Research Progress in Physical Science**](https://www.bookpi.org/bookstore/product/current-research-progress-in-physical-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4691** |
| Title of the Manuscript: | **MODELING TOTAL ELECTRON CONTENT AND CRITICAL FREQUENCY AT F1 AND E LAYER BOUNDARY** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Asian Journal of Physical and Chemical Sciences, 11(4): 37-42, 2023.**

**DOI:** [**https://doi.org/10.9734/ajopacs/2023/v11i4213**](https://doi.org/10.9734/ajopacs/2023/v11i4213)

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This paper investigates the total electron content theory at various points with respect to critical frequency. The study is case study with some experimental evidences and therefore may be very useful for similar works.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Abstract requires reconsidersation from the author. Objective of the work is not cleared** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript can be considered scientifically correct but need some technical additions and justification of theory behind it.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Latest References must be included. Only two or three references from last 3 years** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Formatting is required. Grammatical errors are there. |  |
| Optional/General comments | Ovrerall manuscript requires some additions which justify the theory behind the work. |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Simerpreet Singh, Bhai Gurdas Institute of Engineering & Technology, India**