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| Book Name: | **Design and simulation of GHz antennas** |
| Manuscript Number: | **Ms\_BPR\_3848.2** |
| Title of the Manuscript:  | **Multi-Band Rectangular Two Element and Slotted antennas for MIMO** |
| Type of the Article | **Book chapter** |

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| PART 1: Review Comments |
| Compulsory REVISION comments | Reviewer’s comment | 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** | In this paper, the authors present a multiband antenna with a single feed rectangular two-element microstrip antenna array. Overall, the article is well-written. The subject is intriguing and may have some relevance. However, certain important issues were either partially or not at all covered. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **I recommend modifying the title to "Multi-Band Two Element Slotted Rectangular antenna". The paper's title suggests that the antenna is a MIMO antenna, yet the authors don't mention or show a MIMO antenna in the text. Addressing this discrepancy between the title and the substance can help to prevent misunderstandings.** |  |
| 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. | * **A few grammatical errors in the abstract need to be fixed for better readability and clarity.**
* **It would be advantageous if the authors listed particular applications for the suggested antenna.**
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| **Are subsections and structure of the manuscript appropriate?** | **Overall, the article is well-structured.** |  |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** | * **The design and testing process for the antenna is explained in detail in this manuscript.**
* **The performance of the suggested antenna, including GAIN and EFFICIENCY, S11, and VSWR, is thoroughly examined in this manuscript.**
* **Comparing with literary works.**
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| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **- The references [8, 9, 16, 17, 18, 19, 20] are old, try to add the recent work since 2020 to 2024. I recommended to read the following articles that discuss the field of multiband antenna: DOI= 10.1007/978-3-031-68675-7\_12 , DOI= 10.1016/j.rineng.2024.102842 , DOI= 10.1016/j.sciaf.2024.e02294.** |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | * There are a few errors in grammar in the muniscript that should be corrected for improved reading and clarity.
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| Optional/General comments | * What about the future direction of your antenna design?
* All Figures are low quality.
* For more clarity, in Table 7 add the performance of the proposed antenna, as shown in the articles that I proposed previously.
* In this manuscript, all results are displayed using simple simulation. Even if the simulated data is helpful, the study would be much better if experimental verification was included. Confirming the expected outcomes by physical trials would provide more trustworthy evidence of the design's operation and increase the validity of the findings.

To my knowledge, there is no plagiarism. |  |

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| **PART 2:**  |
|  | **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)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** |
| Name: | **Youssef Amraoui** |
| Department, University & Country | **Sidi Mohamed Ben Abdellah University, Morocco** |