

### Review Form 3

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|--------------------------|--|
| Journal Name:            | <a href="#">Asian Journal of Advanced Research and Reports</a>   |
| Manuscript Number:       | Ms_AJARR_126868  |
| Title of the Manuscript: | Evaluation of Wavelet Orthogonal Frequency Division Multiplexing Massive MIMO (W-OFDM mMIMO) for Enhancing Spectral and Energy Efficiencies in Digital Wireless Communication System |
| Type of the Article      | Original Research Article  |

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies Regarding Peer Review**

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#### PART 1: Review Comments

| <b>Compulsory</b> REVISION comments  | <b>Reviewer's comment</b>  | <b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|--|--|---|
| <b>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.</b>                        | The study of advanced systems to improve spectral and energy efficiency in the radio channel is an actual task. The mMIMO and W-OFDM technologies have great potential for further development and improvement, so their research is a promising area of science and technology. The research results presented in the article are relevant. |   |
| <b>Is the title of the article suitable? (If not please suggest an alternative title)</b>  | Yes, it does.  |   |
| <b>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.</b>   | The abstract of the article is exhaustive.   |   |
| <b>Are subsections and structure of the manuscript appropriate?</b>  | Subsections of the manuscript are organized in accordance with the research conducted.   |   |
| <b>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.</b> | The results of the analytical research are based on the scientific facts presented in the works listed in the references. The results of analytical studies do not contradict the well-known theory describing mMIMO and W-OFDM. The theoretical results obtained in this article are supported by mathematical modeling.                    |   |
| <b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b><br>-  | The link «Chockalingam, A. & Zorzi, M. (1998). Energy Efficiency of Media Access Protocols for Mobile. Data networks. <i>IEEE Trans. On Communications</i> , 46(11), 1418-1421» is a bit outdated.   |   |
| <b>Minor</b> REVISION comments   | Yes, the style of the article is scientific in nature.   |   |
| <b>Is the language/English quality of the article suitable for scholarly communications?</b>   |  |   |
| <b>Optional/General</b> comments   |  |   |

#### PART 2:

|   | <b>Reviewer's comment</b>  | <b>Author's comment</b> (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) |
|---|--|--|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |  |

#### Reviewer Details:

|                                  |   |
|----------------------------------|---|
| Name:                            | <b>Mykhailo Rozhnovskyi</b>   |
| Department, University & Country | <b>State University of Intelligent Technologies and Telecommunications, Ukraine</b> |