# Author’s Response to the Review Comments

***Journal* : Jurnal Elektronika dan Telekomunikasi**

***Title of Paper* :** Design Analysis of Microstrip Rectangular Patch Array Antenna 16x1 On X-Band Radar

We appreciate the time and efforts by the editor and referees in reviewing this manuscript. We have addressed all issues indicated in the review report, and believed that the revised version can meet the journal publication requirements. We have included the line numbers in the revised manuscript to help the reviewers identify our changes.

| **Comment** | **Response** | **Location of Response in Revised Manuscript** |
| --- | --- | --- |
| **EDITOR’S COMMENTS** |  |  |
|  |  |  |
|  |  |  |
| **REVIEWER A COMMENTS** |  |  |
| How the authors explain that the VSWR = 0.6 ? | Thank you for the question, we have reread the reference about vswr, so we measured the antenna again | Section: AbstractPage(s) 1Result and discussion Page(s) 5 |
|  |  |  |
|  |  |  |
|  |  |  |
| **REVIEWER C COMMENTS** |  |  |
| Double citation in [12] and [13]? It should only be mentioned one time if both sources are same.  | Yes, it's the same and we have revised it  | Section: MethodPage(s) 3References Page(s) 5 |
| In conclusion paragraph 2 there is a typo:>>Furthermore, the design has been obtained fustriasinya? | We have revised  | Section: conclusionPage(s) 5 |
| However, if the authors could add more details on the comparison between current design and others, readers may find useful insights from what the authors have done | We have added | Section: Introduction Page(s) 1 |
|  |  |  |
| **REVIEWER D COMMENTS** |  |  |
| The comment of Presentation and organization from point 1 to 9, over all is enough,....but every body know commonly the weather problem here is not only rain..there is so many parameter in the weather such as Humidity,Temperature and so on...why not just tell the antenna more specific just for the rain detection ???...I think it is more fair for this paper | We have revised Weather Radar has been changed to monitoring atmospheric precipitation | Section: AbstractPage(s) 1Introduction Page(s) 1 |
| The detection of Rain how far,..is there an information about heavy rain, or what kind of rain the antenna can detected, or just only detect there is a rain or predicted the weather will be rainy soon....please explain is this paper. | We have added | Section: Introduction Page(s) 1 |
| How far the minimum rain detection distance predicted for this antenna can be measured? | We have added | Result and discussion Page(s) 5 |