# Author’s Response to the Review Comments

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

***Title of Paper* : Design and Performance Analysis of Linear Array Microstrip Antennas with Mitered-Bends Feeding Network for X-Band Radar Applications**

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** |  |  |
|  | No revision made |  |
|  |  |  |
| **REVIEWER 1 COMMENTS** |  |  |
| ABSTRACT : please mention about "Mitered-Bends Feeding Network" give some comment why do you used it. | We have revised the abstract based on these recommendations | Section: Abstract |
| INTRODUCTION : Please add a paragraph that explain what do you propose in this paper with some advantages and other | We have revised the introduction based on these recommendations. | Section: Introduction  Paragraph (s) 2-4 |
| Please draw the basic structure of the antenna in 3-D, cross section view and top view with detail parameter symbols for easy understand the reader what you mention. | We have revised the display of antennas based on these recommendations. | Section: Figure 4 and Figure 5 |
| SIMULATION RESULT : Please extend the sample from 5 - 15 GHz and give some comments if any new evidence coming in the curves. | We have revised the sample chart based on these recommendations. | Section : Figure 7 and Figure 8 |
| Please give some experimental results for prove the performance of the antenna | We have provided experimental results to prove the performance of the antenna. | Section : Result and Analysis  Page (s) 4  Paragraph (s) 1-3  Table (s) 2 |
| Please give deep discussion regarding the results | We think the analysis is quite deep and clear regarding the initial design of the antenna and the resulting parameters. | Section: Result and Analysis |
| Please give comment for improving furthermore | We have provided suggestions to improve further research. | Section: conclusion |
| Please check the English and follow the paper Template. | We are already using it according to the given paper template. | No revision made. |
| **REVIEWER 2 COMMENTS** |  |  |
| Many symbols and equations are in low-res. | We have revised the symbols and equations based on this recommendation. | Section: Revision of the entire page. |
| Please consider to re-fabricate and re-measure the antenna so that it can be used for the X-Band Radar. | We think re-fabrication and remeasurement are unnecessary, consider the limitation of materials and timing. We only need analysis of possible causes of shifts in antenna measurements and provide suggestions for subsequent research. | No revision made. |
| The simulated and measured radiation pattern in Figure 7 should be in the same figure to ease the readers comparing those two, similarly as in S11 and VSWR comparison in Figure 5 and 6. | We have revised the Figure 7 based on this recommendation. | Section : Figure 9 |