# Author’s Response to the Review Comments

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

*Title of Paper* : Comparison Study of Time Synchronization in NC-OFDM Systems

 Based on Symmetric Correlator

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** |
| --- | --- | --- |
| **REVIEWER C COMMENTS** |  |  |
| Authors can provide previous research on GLRT method/ Iterative Normalization method at introduction section, as a background why these methods are used at section III | We provide previous research on GLRT method/ Iterative Normalization method at introduction section as follows:“In [8] improvements were made to the synchronization technique based on symmetric correlators in the face of high delay spread in OFDM systems with the GLRT (Generalized Likelihood Ratio Test) technique. In [9] improvements were made to the GLRT technique in order to improve detection of the arrival of the OFDM symbol in multipath channel environments with very high delay spreads in OFDM systems with iterative normalization technique.” | Section: Introduction Page(s) 1Paragraph(s) 3Line(s) 13 |
| In introduction, Authors stated that this paper provides comparison study and also the improvement of existing/compared methods. However, we could not find/distinguish any improvement from compared methods from the explanation in method section. | In this paper, we compare the YI method [7], the GLRT method [8], and the Iterative Normalization method [9]. What is meant by improvement in this paper is that the GLRT method is an improvement from the YI method, and the Iterative Normalization method is an improvement from the GLRT method. The three methods are time synchronization techniques in OFDM systems. In this paper the three time synchronization algorithms are tested on the NC-OFDM systems where Narrowband Interference (NBI) appears on this systems. | No change has been made  |