

## **ABSTRACT**

*The existing condition of frequency bands allocation for fixed wireless access is still overlap with other wireless communication such as for cellular communication system, microwave link and satellite communication system. From its usage license, several radio frequency for broadband wireless access is exclusively provided for some location and several frequency bands with sharing usage.*

*Frequency band of 3,3-3.4 GHz is used as broadband wireless access allocation in Indonesia and other countries with smallest channel unit of 2 MHz. This frequency allocation is very compatible used for broadband wireless access implementation.*

*After frequency allocation is defined, regulator should distribute the existing frequency bands and determine how many allocation will be accesible by each operator and whether it is valid for national or regional. Therefore it is needed the technical and economic study of frequency allocation planning and spectrum license, in order to get fair condition.*

*Key word: frequency allocation, broadband wireless access*