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Author Feng-Yu Lin
Author's Email Address No Public.
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Abstract
In this thesis, we proposed a design of open-slot broadband and multi-band antenna, and it is have small size, wide band and simple structure. After design a very wide band antenna, study the influence of the ground plane to the antenna efficiency and reduced the antenna size respectively. Finally, design an open-slot monopole antenna by using the same structure. To obtain a new frequency mode by the slot and can achieve the impedance matching. An open-slot monopole antenna of the operating bandwidth can cover the UWB system 3.1~10.6 GHz is designed. Further, By inserting the slit to reject the dispensable bands.
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