



Project # 1 (students graduated by July. 2012)

Analysis, Design, and Implementation of Microstrip Ultra-Wideband MIMO Antenna for 3G/4G Applications

Abstract

In this project, an Ultra-Wideband (UWB) MIMO antenna is analyzed, designed and implemented at frequency band 1 up to 15 GHz. The CST microwave simulator has been used to compute the S-parameter of the UWB antenna from 1 up to 15 GHz. The UWB MIMO antenna is implemented on FR-4 substrate with different feed configurations. The antenna parameters such as, directivity and radiation patterns are measured using our antenna and microwave laboratory. Also the S-parameters are measured using the HP network analyzer.

Students

| Name | Grad of 1 st semester | Grad of 2 nd semester |
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