

Thesis Title	Cordless PABX Using Scanning Unoccupied Channel Technique
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Abstract

This Thesis presents the design of the Cordless PABX Using Scanning Unoccupied Channel Technique for 4 external lines and 16 internal lines , performed by using FSK modulation at asynchronous transmission data rate between the switching base unit to portable units is 300 bits per second . A full duplex tranceiver uses the frequency range of 46 MHz and 49 MHz bands , by scanning an unoccupied frequency pair of 7 pairs channel , done by the switching base unit for the conserve of radio frequencie spectrum .