



جامعة المستقبل
AL MUSTAQBAL UNIVERSITY

Department of Computer Engineering Techniques (stage : 2)

Communications Foundations



Class: 2th

Communications Foundations

Chapter Three

Double sideband

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Double sideband

- Double sideband suppressed carrier (DSB-SC) modulation has the advantage of requiring less power compared to single sideband (SSB) modulation.

-Tools :-

Computer by using Matlab program

The experiment is applied in the lab.

Steps

1. Sine wave 2
2. Product2
3. Analog Filter Design
4. Scope

Double sideband (DSB) modulation has the advantage of requiring less power compared to single sideband (SSB) modulation. This is because in DSB-SC modulation, the carrier is completely removed, which reduces the power required to transmit the signal.

- Connect the chart :-

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