

What are the advantages and disadvantages of single sideband in analog communication ?

## **Advantages and Disadvantages of Single Sideband**

### **Advantages of Single Sideband**

1. Lesser power consumption.
2. Conservation of bandwidth.
3. Noise reduction.
4. Less fading.

### **Disadvantages of Single Sideband**

1. Requires complex receiver.
2. At the receiver, the coherent carrier has to be generated.
3. In the case of the pilot carrier, at the receiver end, it has to be boosted properly.

Steady Run