

(12) FSK USING MULTISIM

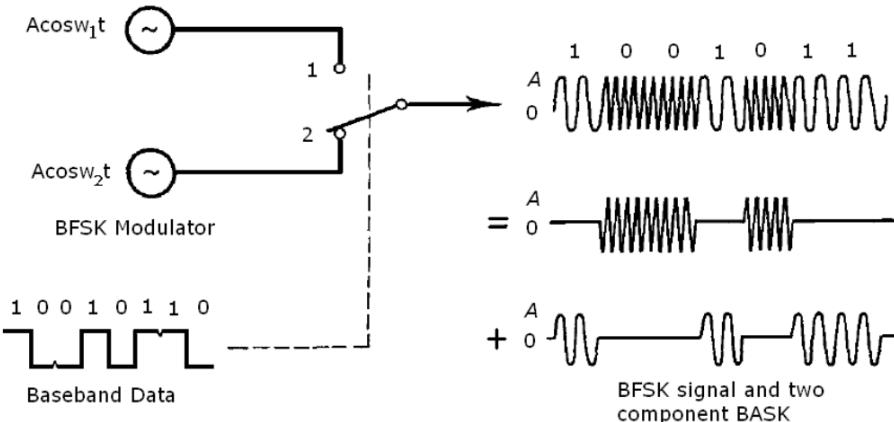
1. OBJECTIVES

Use the Multisim to study FSK.

2. BACKGROUNDS

The modulation can be visualized as the input binary controls a switch and the output is a sine wave whose frequency either of f_1 or f_2 .

$$x(t) = \begin{cases} A \cos(\omega_1 t) & \text{for logic 1} \\ A \cos(\omega_2 t) & \text{for logic 0} \end{cases}$$



3. PROCEDURE

Implement the following circuit in Multisim

