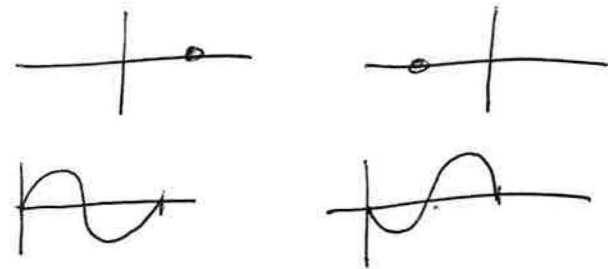


↓ BPSK Modulation  $\Rightarrow I(t) = d_i(t) \sin(2\pi f_c t)$   
 No spreader

$$d_i(t) \in \{-1, 1\}$$

BPSK Alphabet



Data Sequence:  $[1 \ 1 \ 0 \ 0 \ 0 \ 1 \ 1 \ 0]$

Differential Data Sequence:  $[1 \ 0 \ 0 \ 0 \ 0 \ 1 \ 0 \ 0]$

Composite Wave Form:

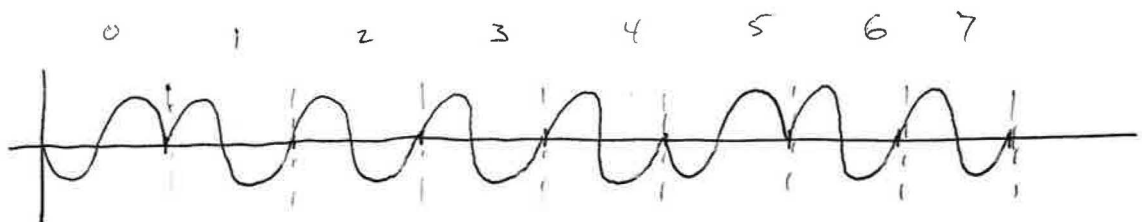


EXHIBIT 1227