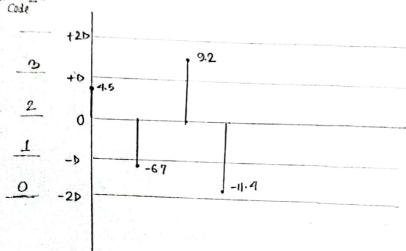
$$D = \frac{V_{max} - V_{min}}{L} = \frac{12 - (-12)}{4} = 6$$



1255



Normali zed

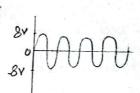
Quantized value

Quantized code

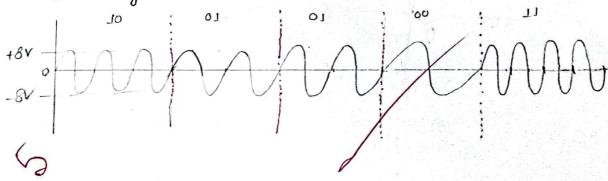
2 0

. .

2. Carociers signal

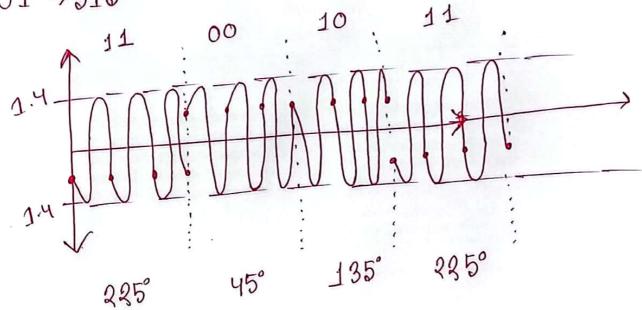


modulated signal



3. From Constellation Diagram,

$$11 \rightarrow 225^{\circ}$$



1=112=1.4

