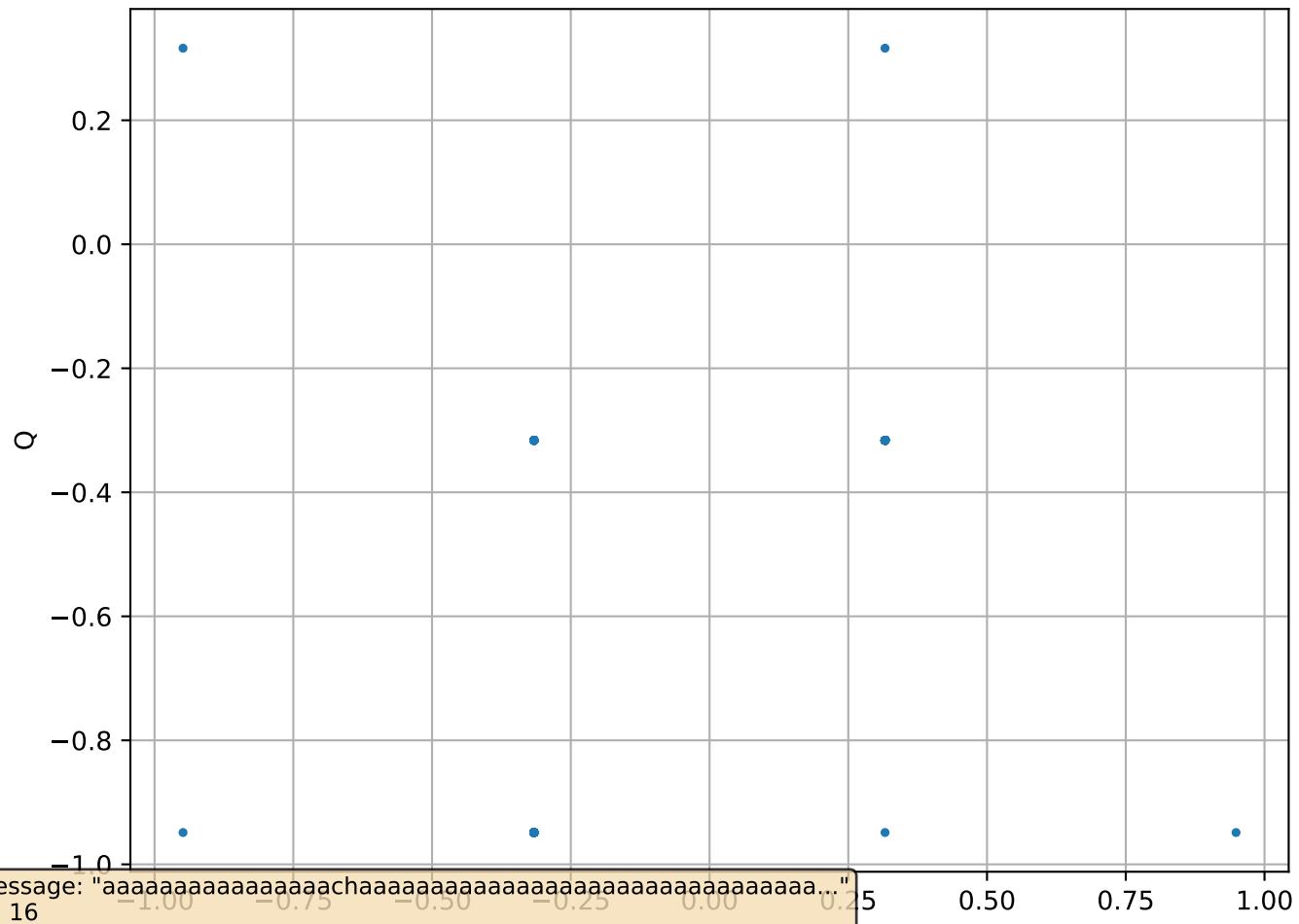
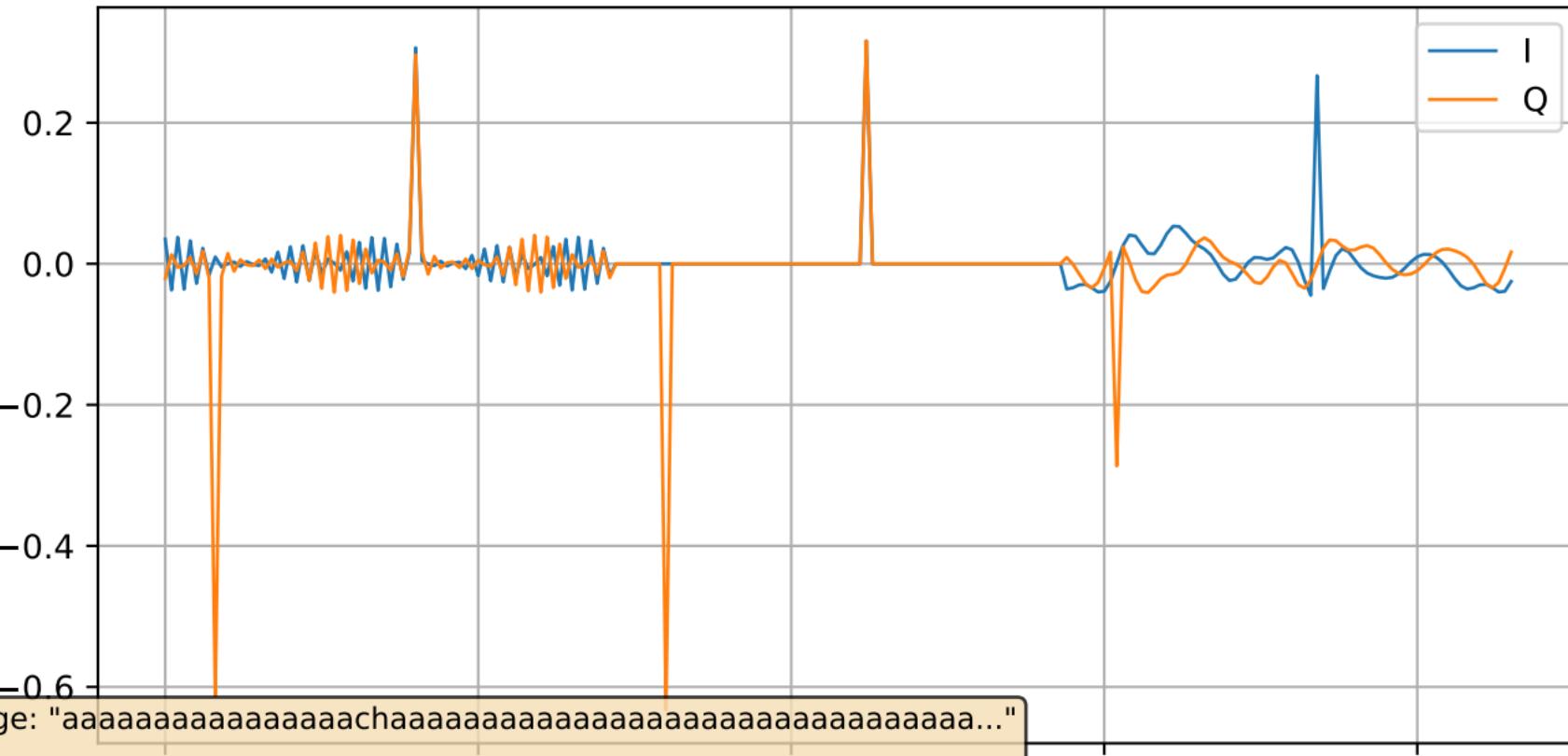


### R1 - Constellation Diagram (0)



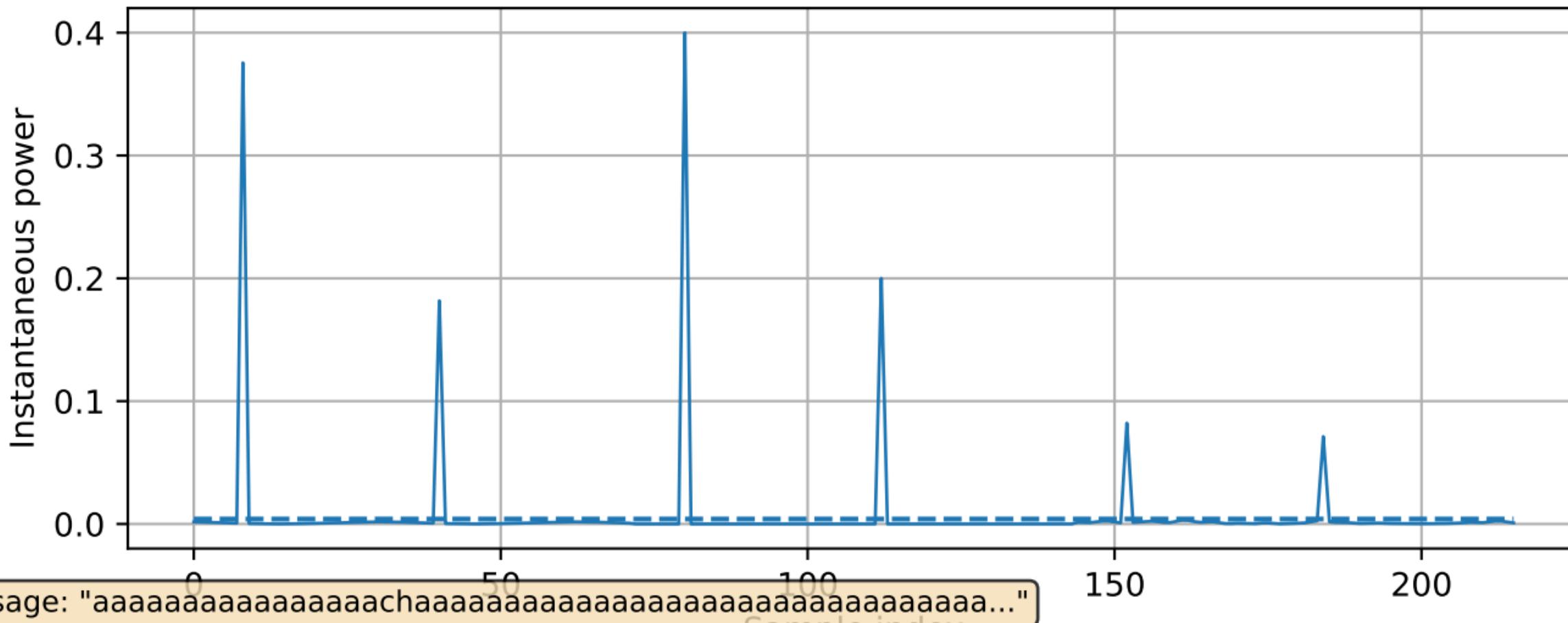
Message: "aaaaaaaaaaaaaaaaaaaaachaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa"  
M: 16  
Subcarriers: 64  
CP Length: 8

## R1 - OFDM I/Q Signal (0)



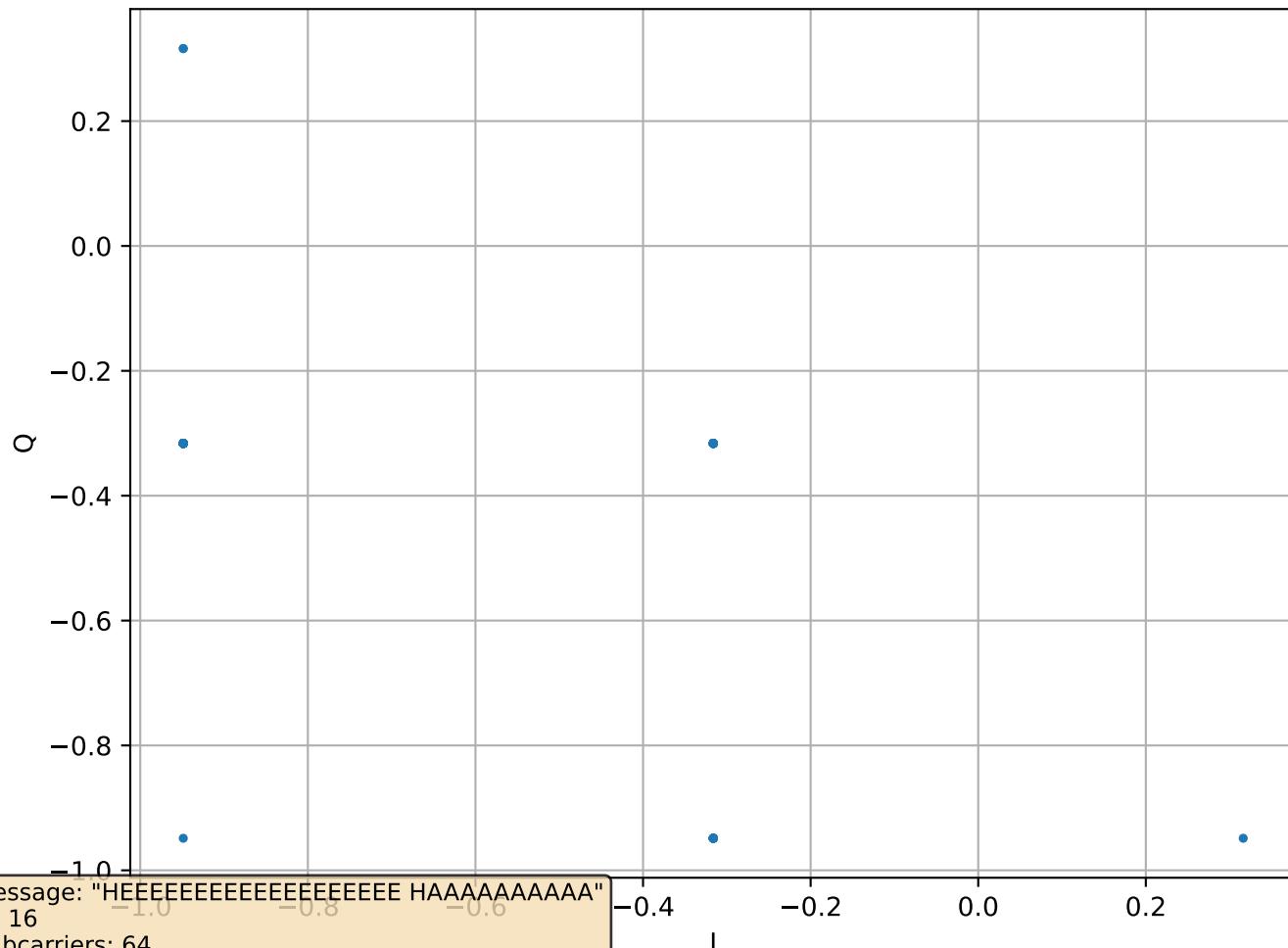
Message: "aaaaaaaaaaaaaaaachaaaaaaaaaaaaaaaaaaaaaaa..."  
M: 16  
Subcarriers: 64  
CP Length: 8

# R1 - Spectrum Sensing (0) | BUSY (avg power=6.7277e-03)



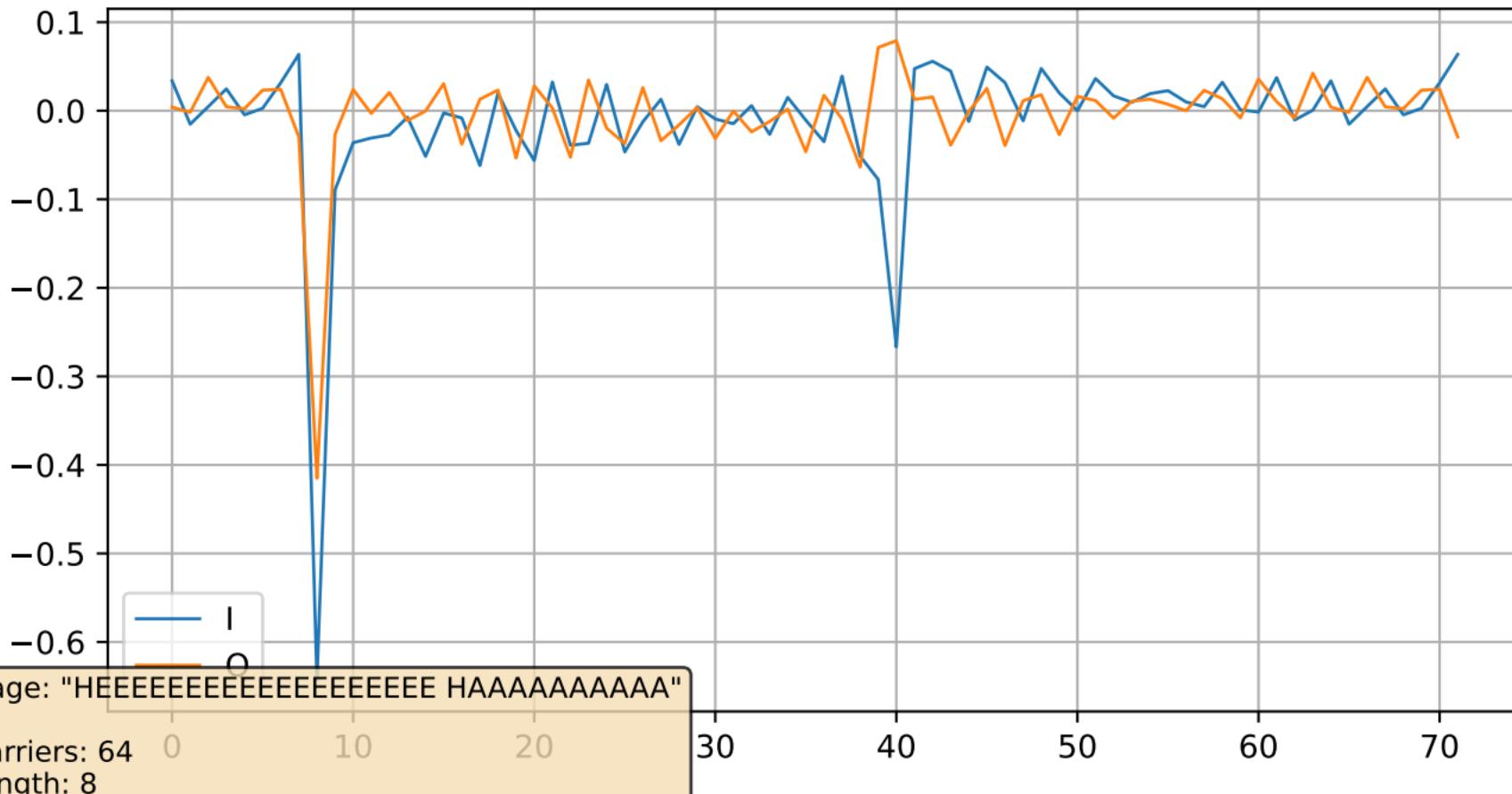
Message: "aaaaaaaaaaaaaaaachaaaaaaaaaaaaaaaaaaaaaa..."

### R1 - Constellation Diagram (1)

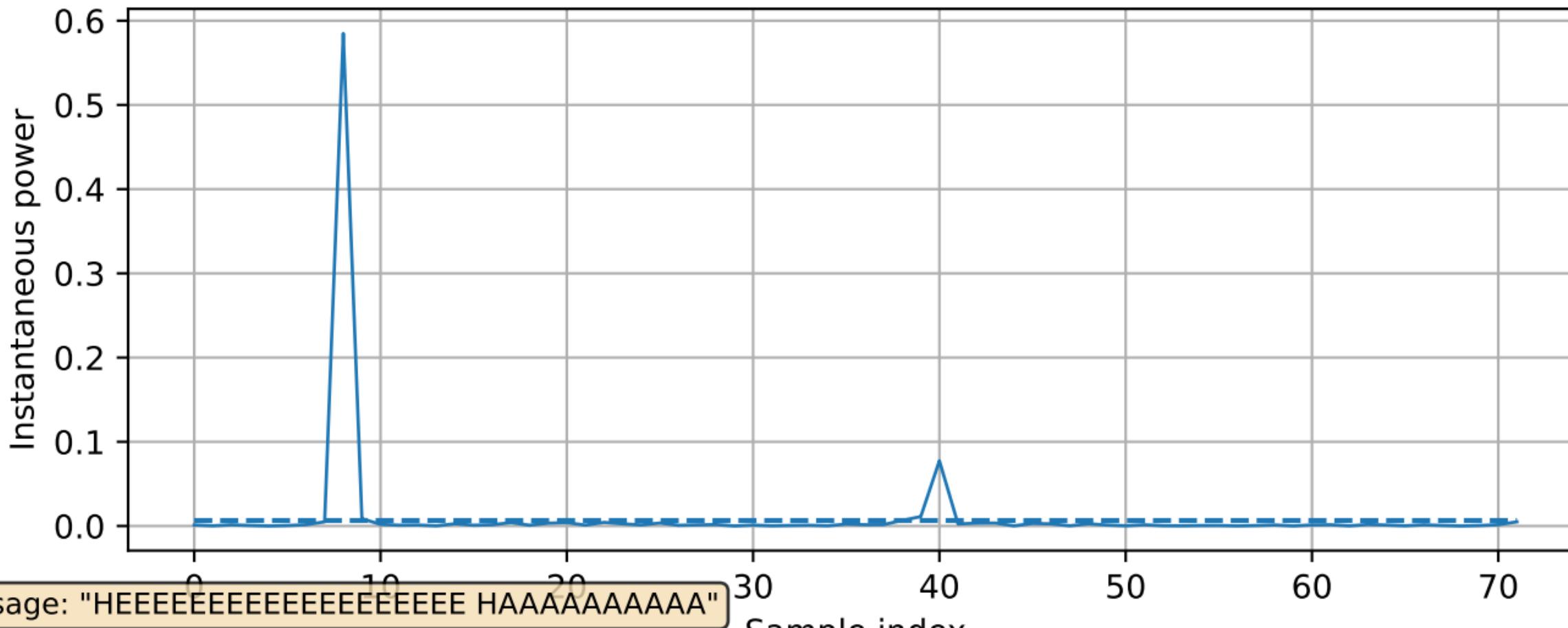


Message: "HEEEEEEEEEE HAAAAAAA"  
M: 16  
Subcarriers: 64  
CP Length: 8

# R1 - OFDM I/Q Signal (1)



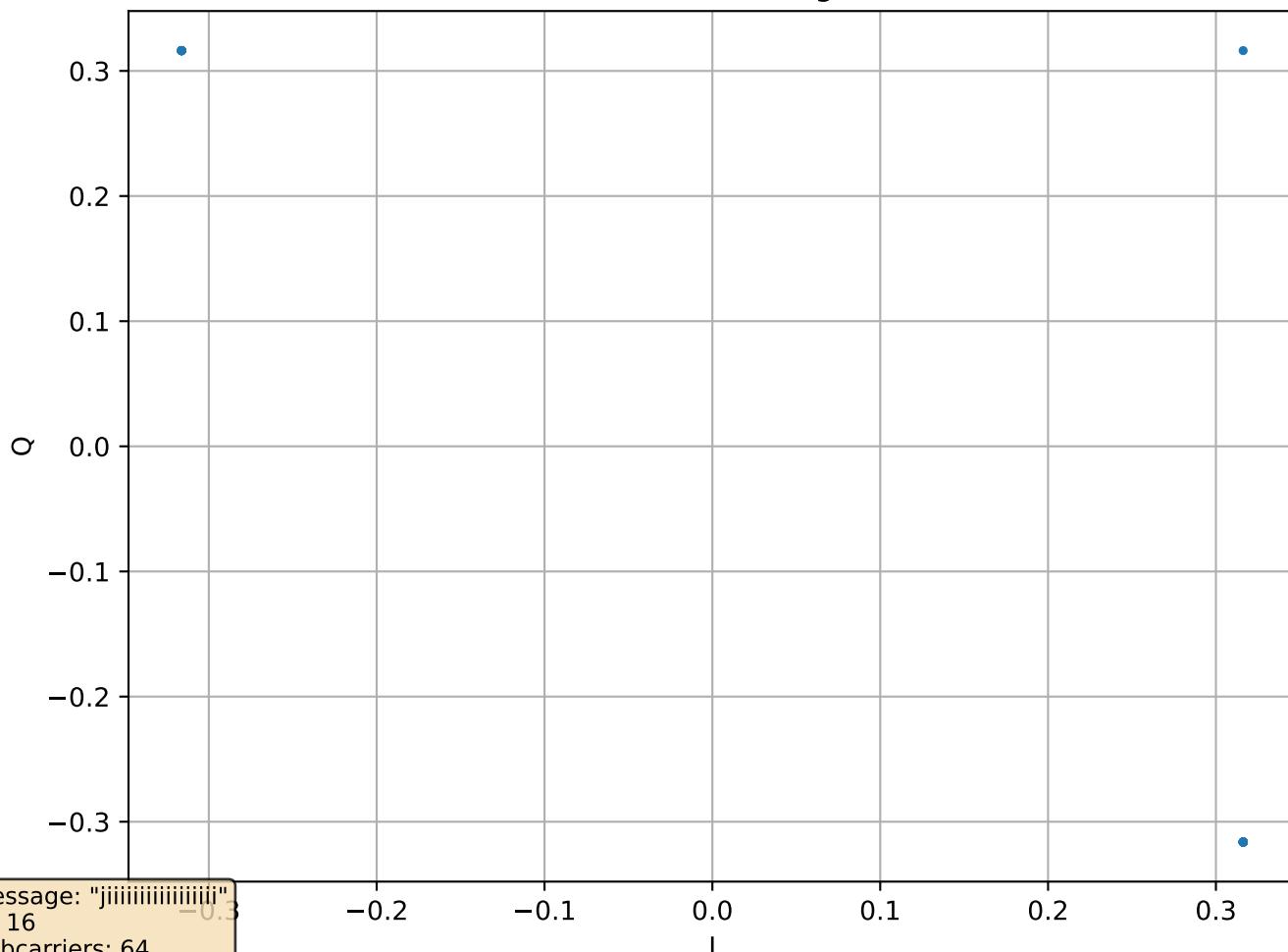
# R1 - Spectrum Sensing (1) | BUSY (avg power=1.0910e-02)



Message: "HEEEEEEEEEEEEEEEEE HAAAAAAA"

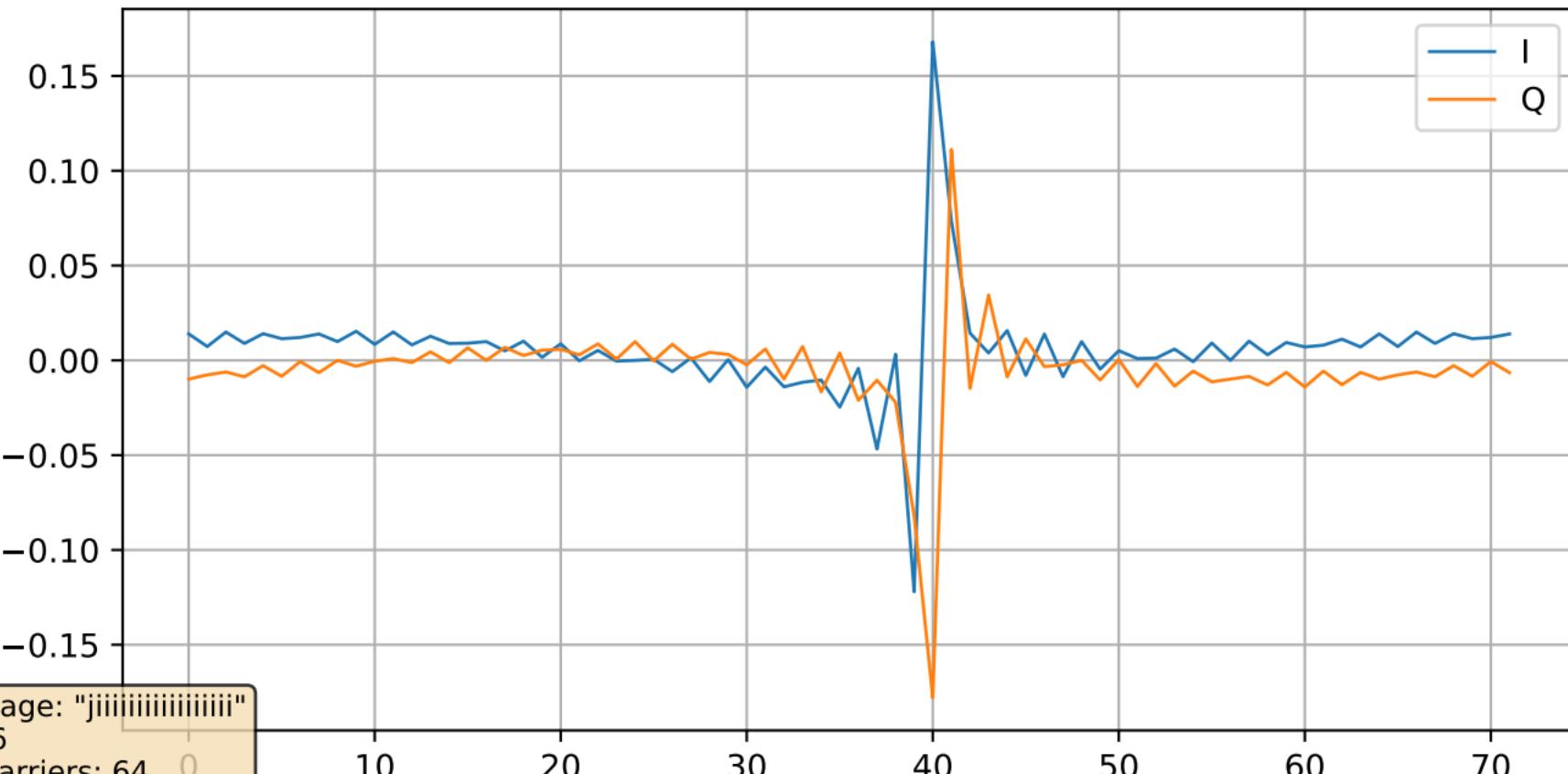
Sample index

## R1 - Constellation Diagram (2)



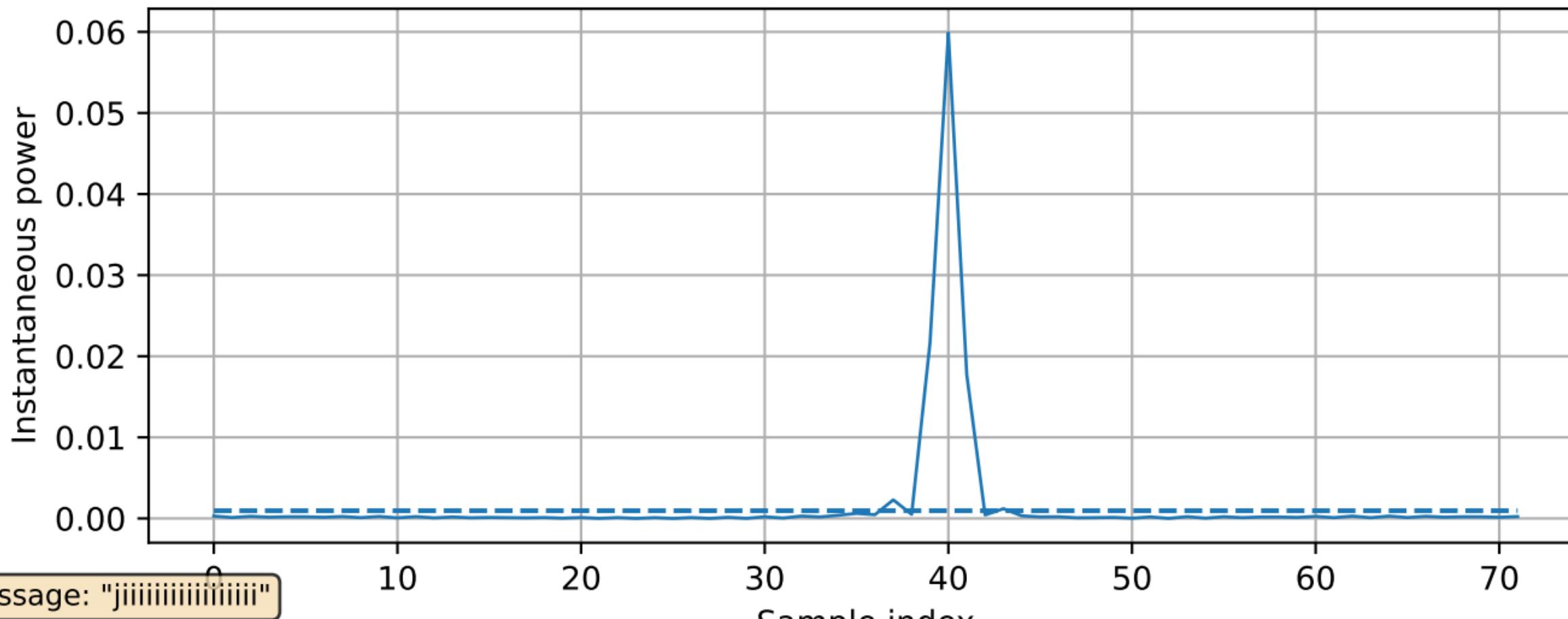
Message: "jiiiiiiiiiiiiii"  
M: 16  
Subcarriers: 64  
CP Length: 8

## R1 - OFDM I/Q Signal (2)



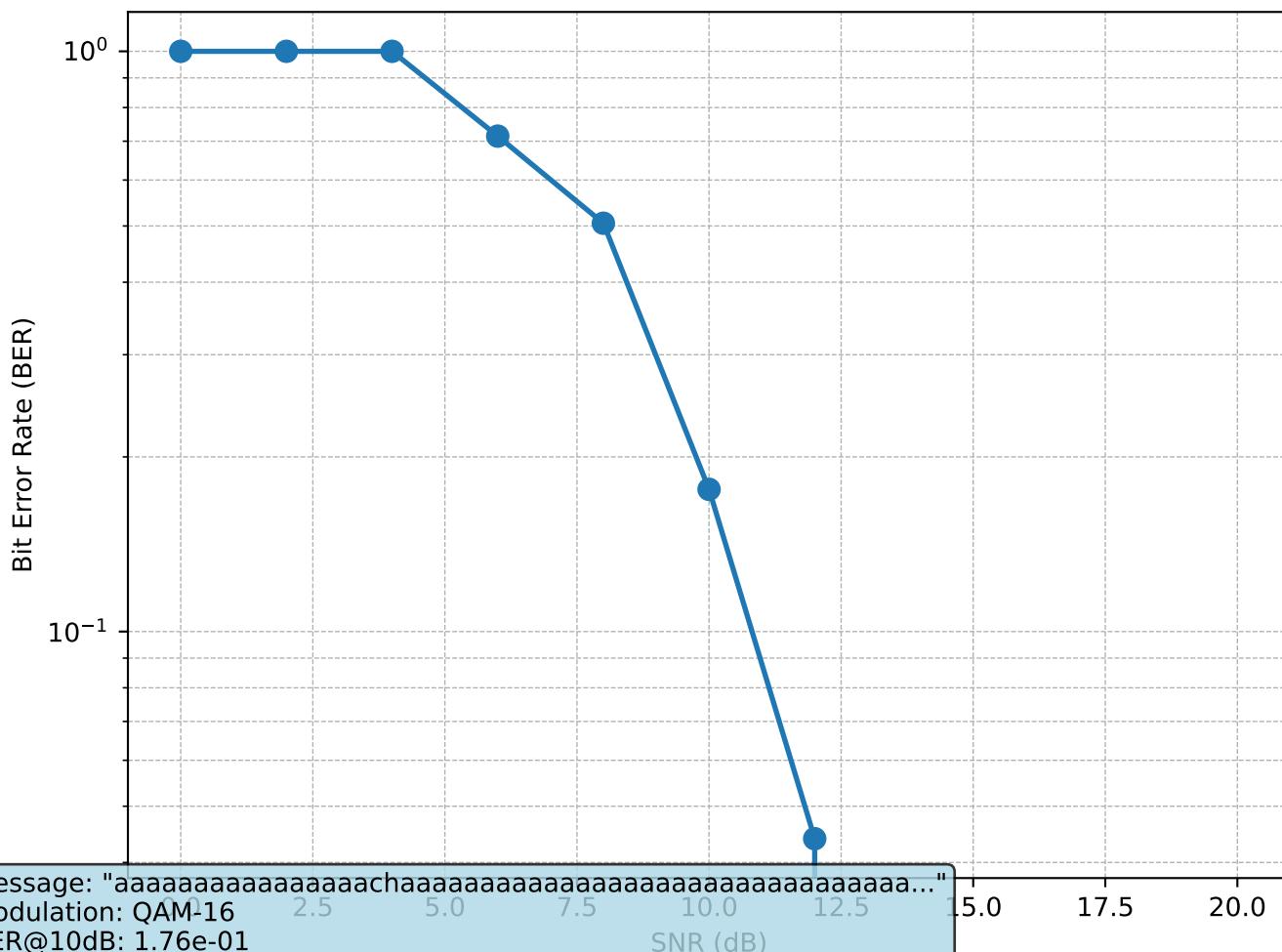
Message: "jiiiiiiiiiiiiiiiiii"  
M: 16  
Subcarriers: 64  
CP Length: 8

# R1 - Spectrum Sensing (2) | BUSY (avg power=1.5848e-03)



Message: "jiiiiiiiiiiiiiiii"

## SNR vs BER Performance



Message: "aaaaaaaaaaaaaaaaaaaaachaaaaaaaaaaaaaaaaaaaaaaa..."  
Modulation: QAM-16  
BER@10dB: 1.76e-01  
BER@20dB: 0.00e+00