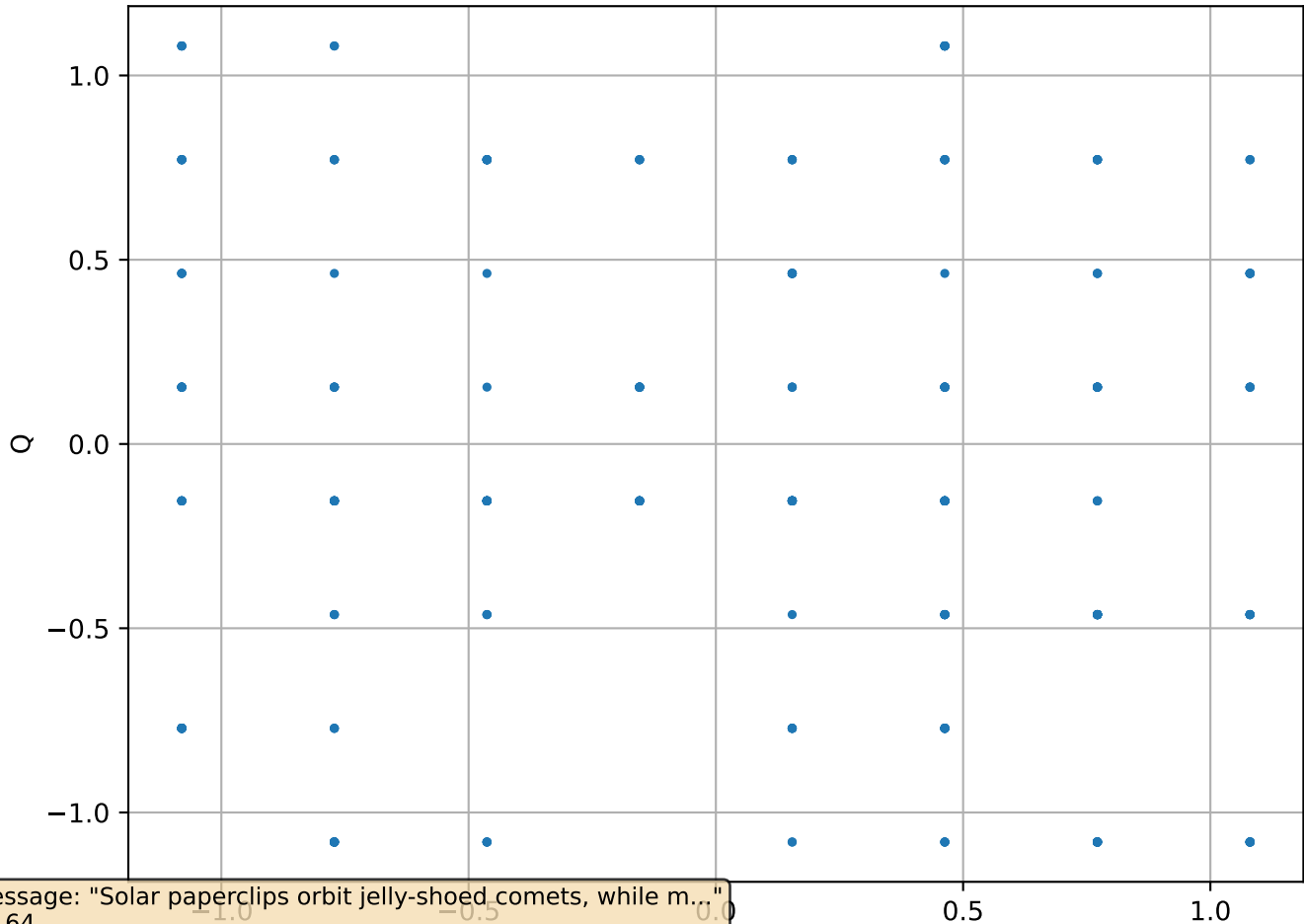
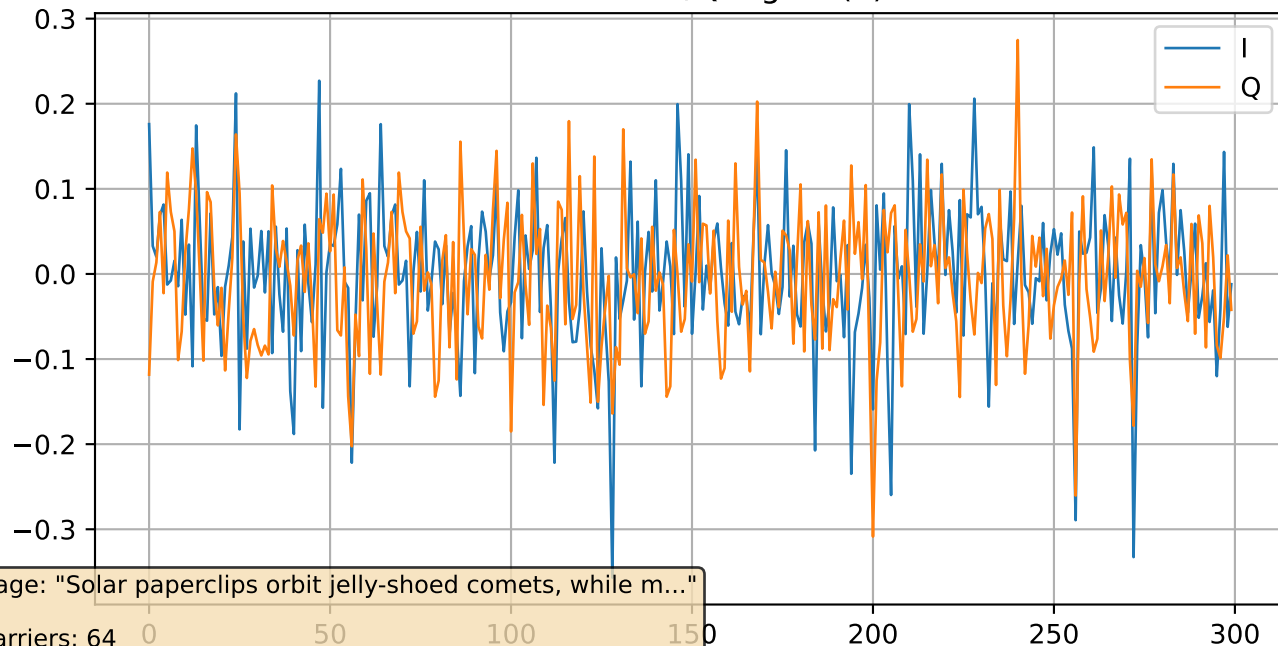


# R1 - Constellation Diagram (0)



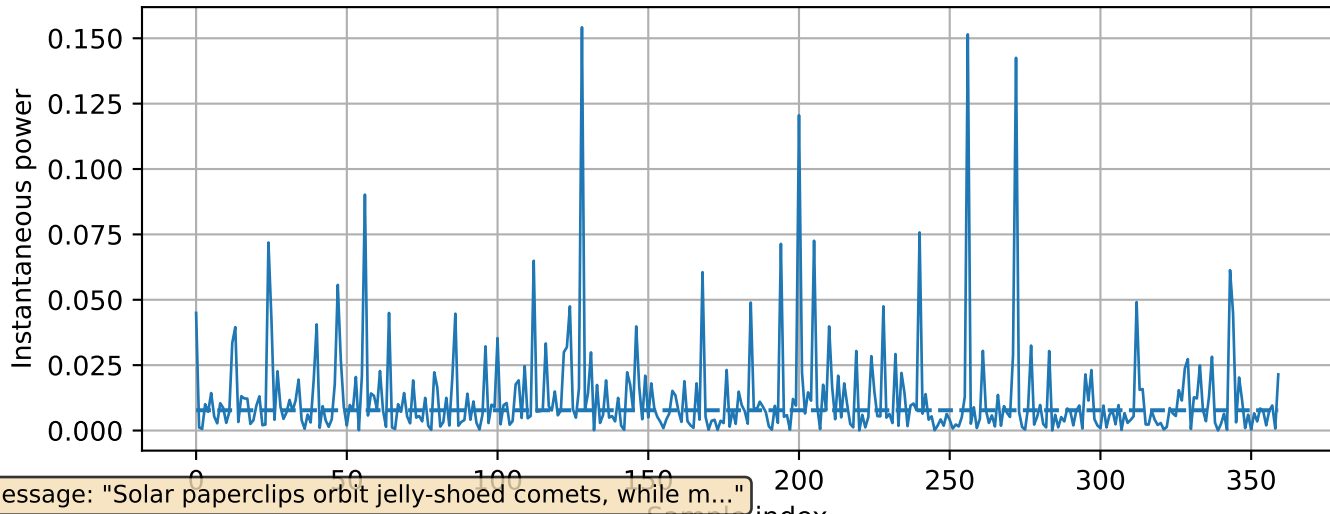
Message: "Solar paperclips orbit jelly-shoed comets, while m..."  
M: 64  
Subcarriers: 64  
CP Length: 8

R1 - OFDM I/Q Signal (0)

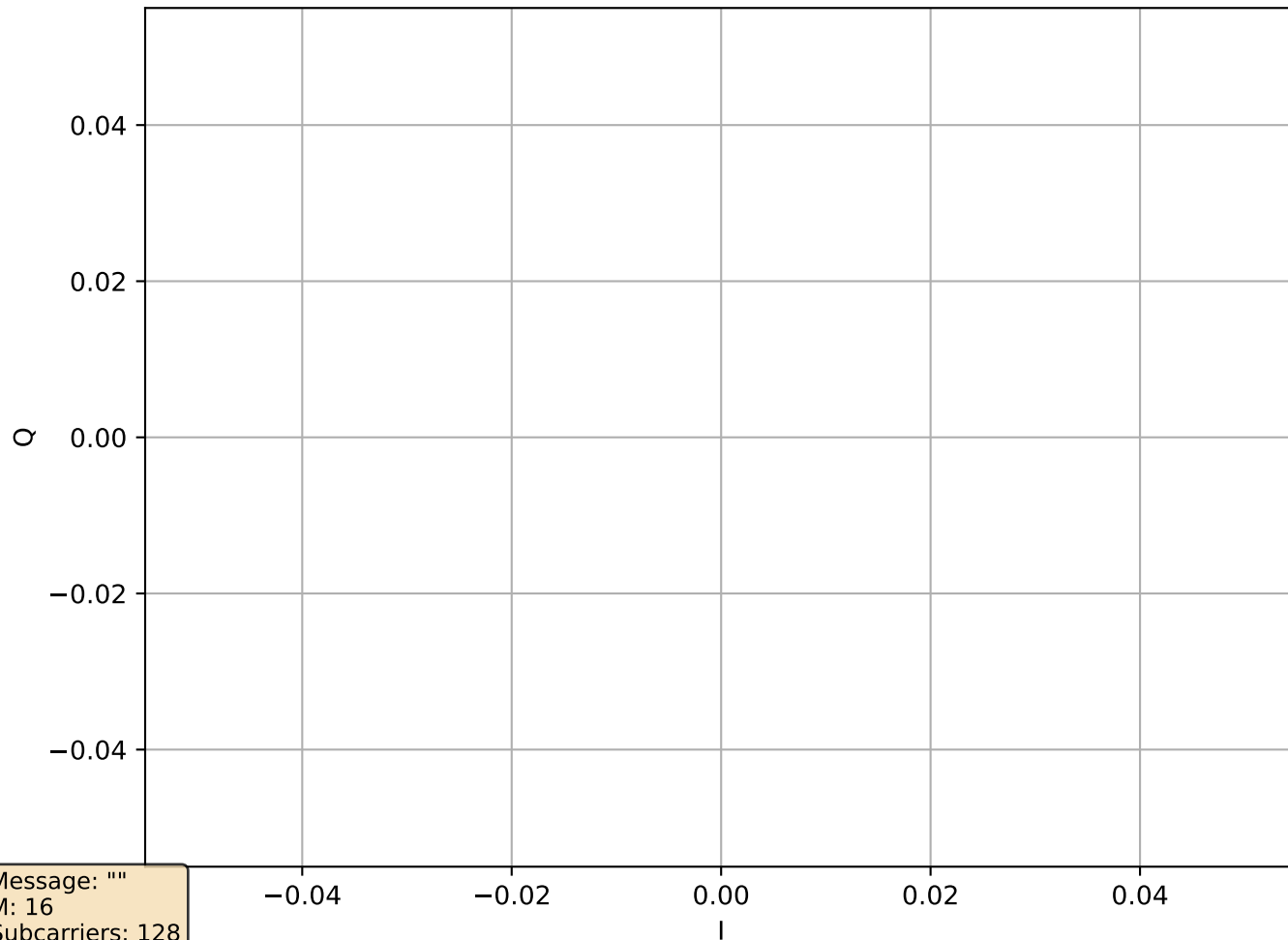


Message: "Solar paperclips orbit jelly-shoed comets, while m..."  
M: 64  
Subcarriers: 64  
CP Length: 8

R1 - Spectrum Sensing (0) | BUSY (avg power= $1.2916 \times 10^{-2}$ )

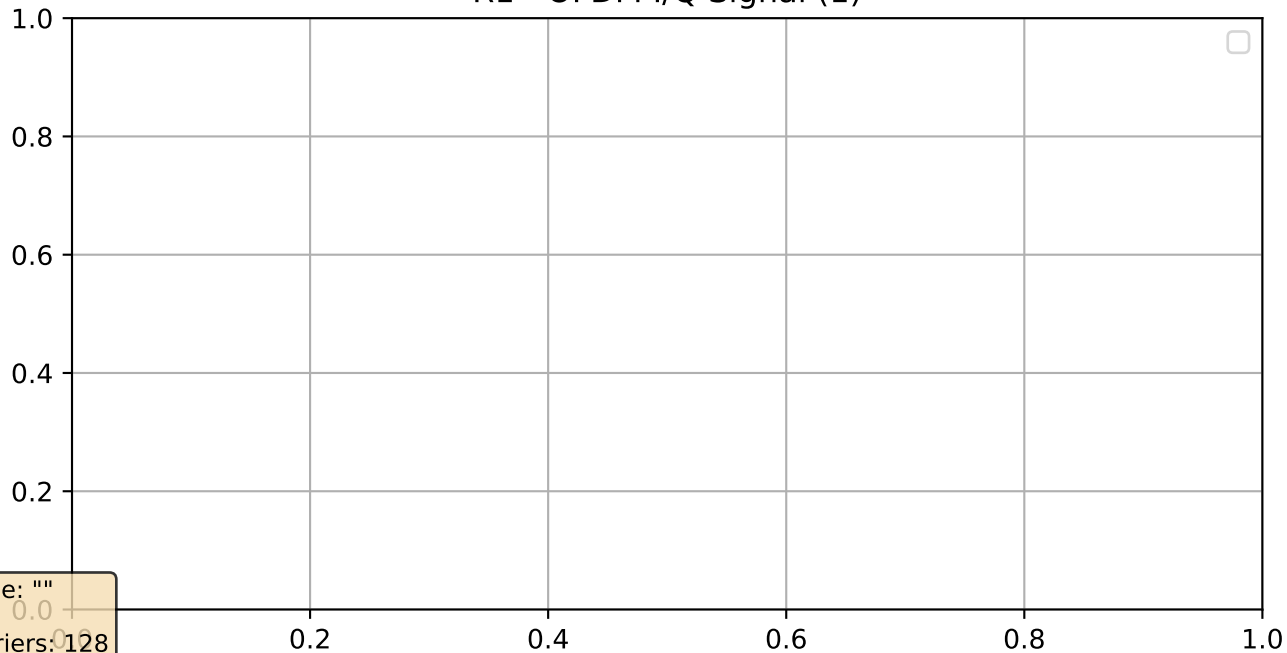


R1 - Constellation Diagram (1)



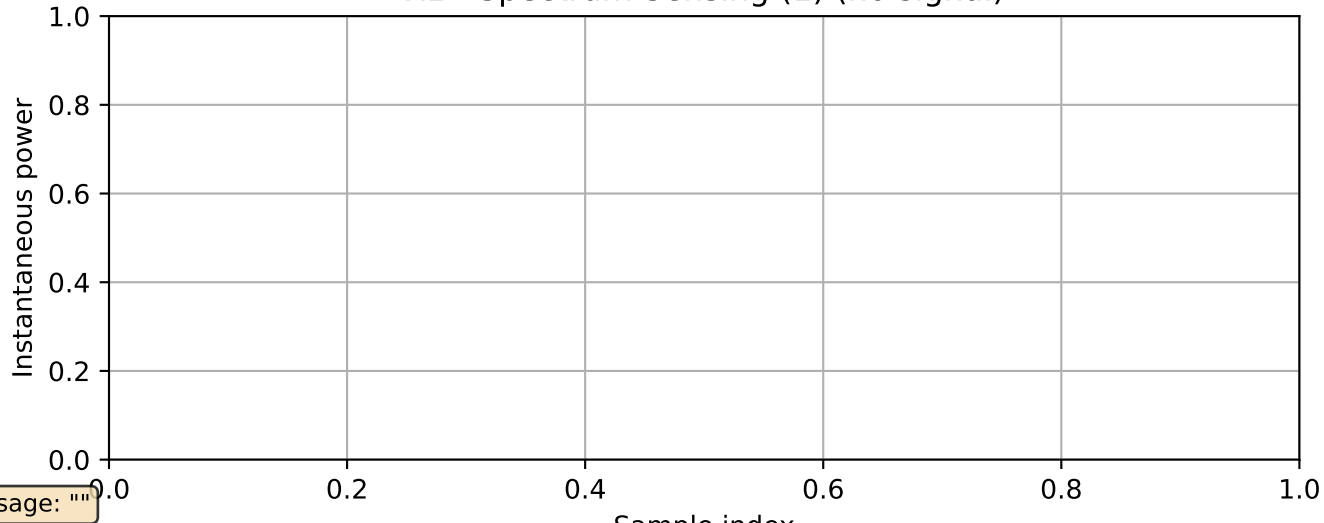
Message: ""  
M: 16  
Subcarriers: 128  
CP Length: 16

R1 - OFDM I/Q Signal (1)



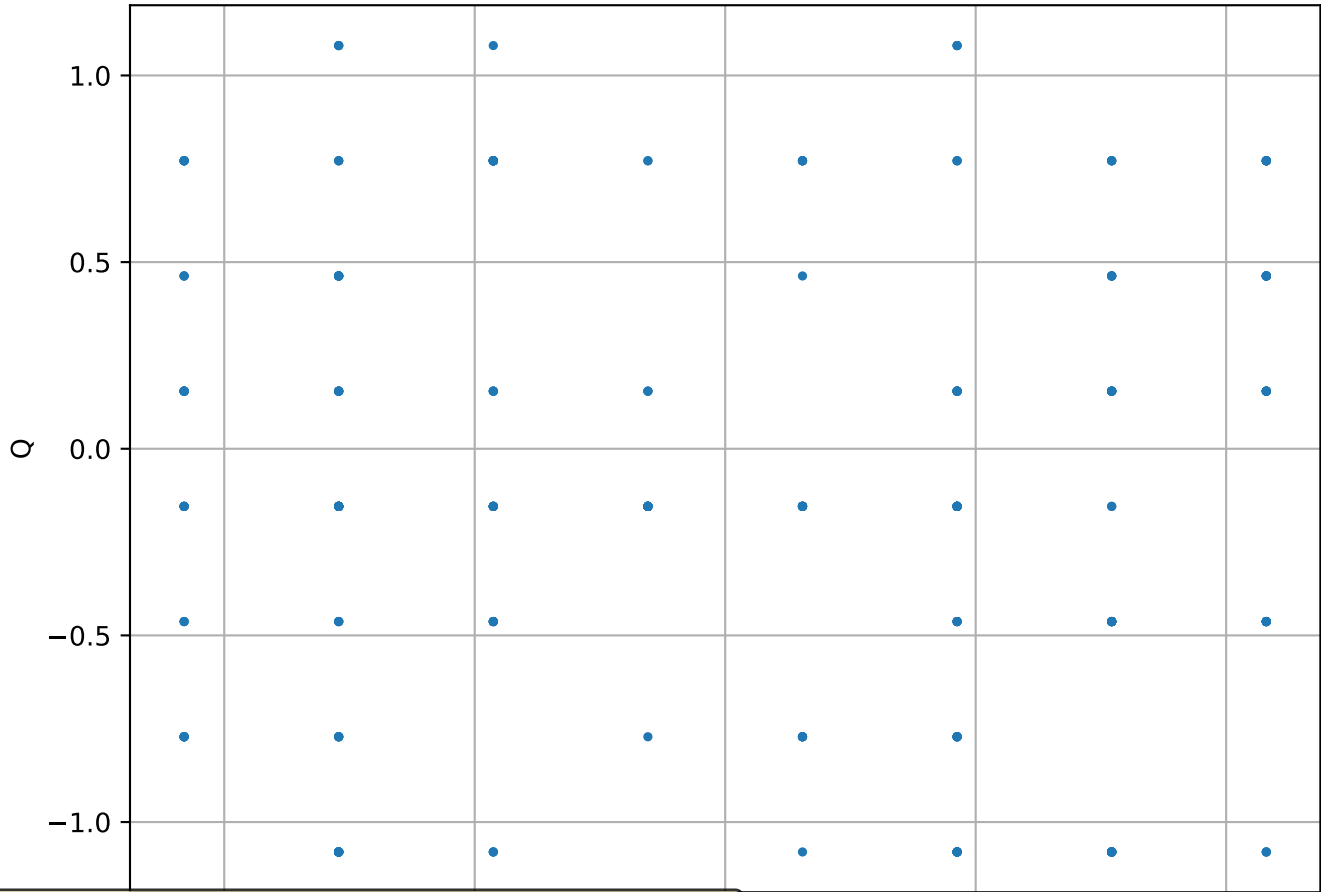
Message: ""  
M: 16  
Subcarriers: 128  
CP Length: 16

R1 - Spectrum Sensing (1) (no signal)



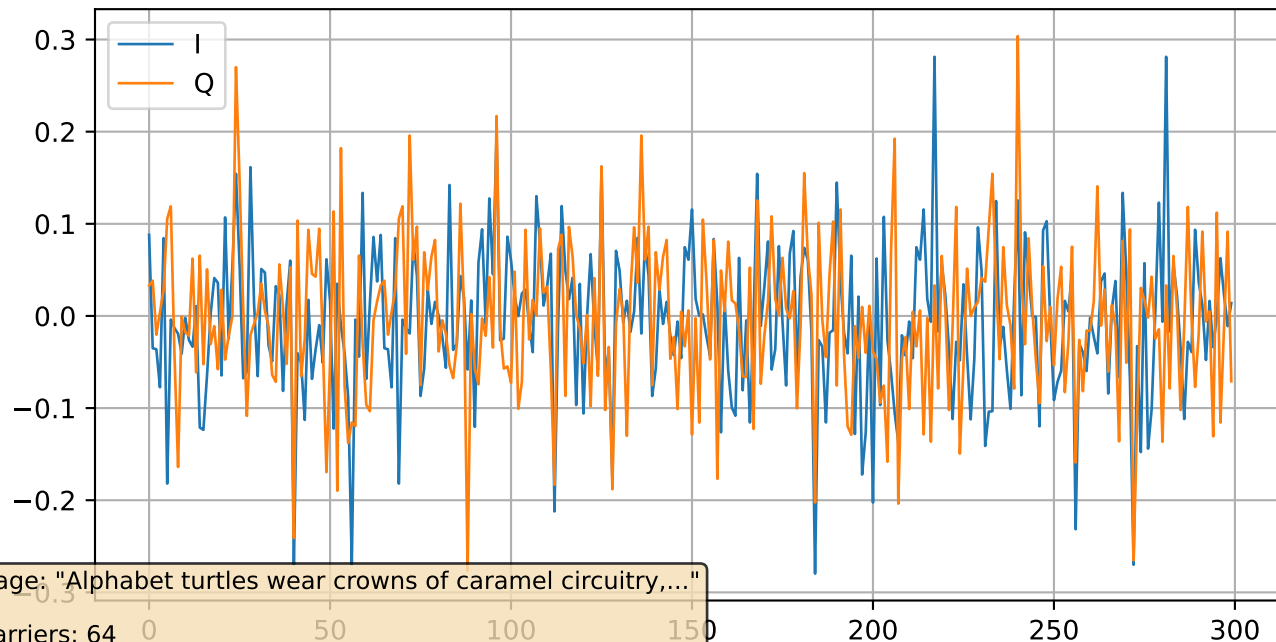
Message: ""

# R1 - Constellation Diagram (2)



Message: "Alphabet turtles wear crowns of caramel circuitry,..."  
M: 64  
Subcarriers: 64  
CP Length: 8

R1 - OFDM I/Q Signal (2)



Message: "Alphabet turtles wear crowns of caramel circuitry,..."

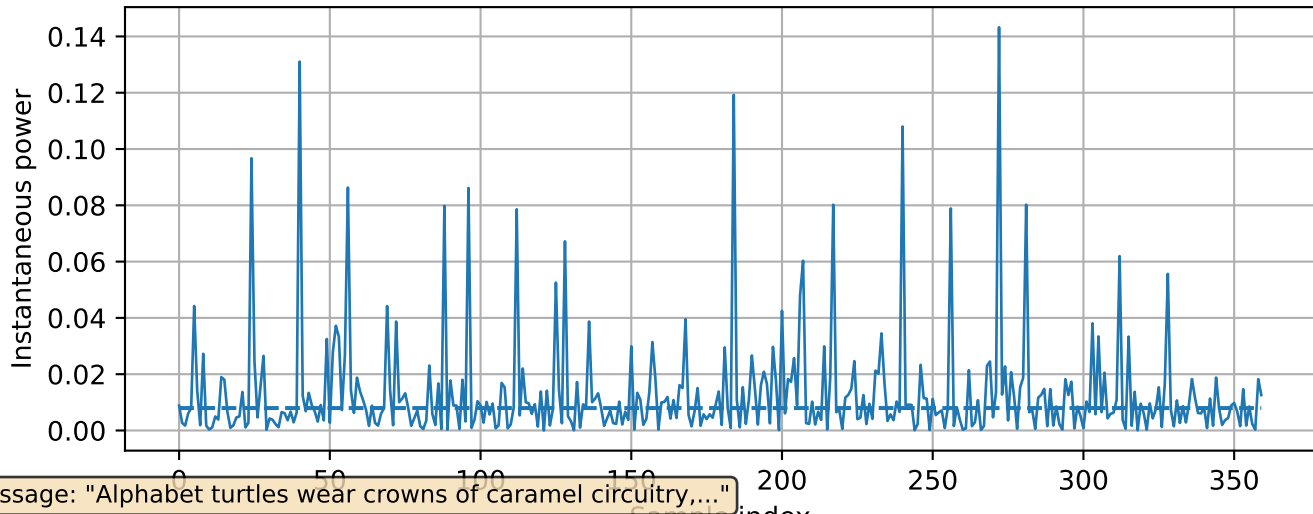
M: 64

Subcarriers: 64

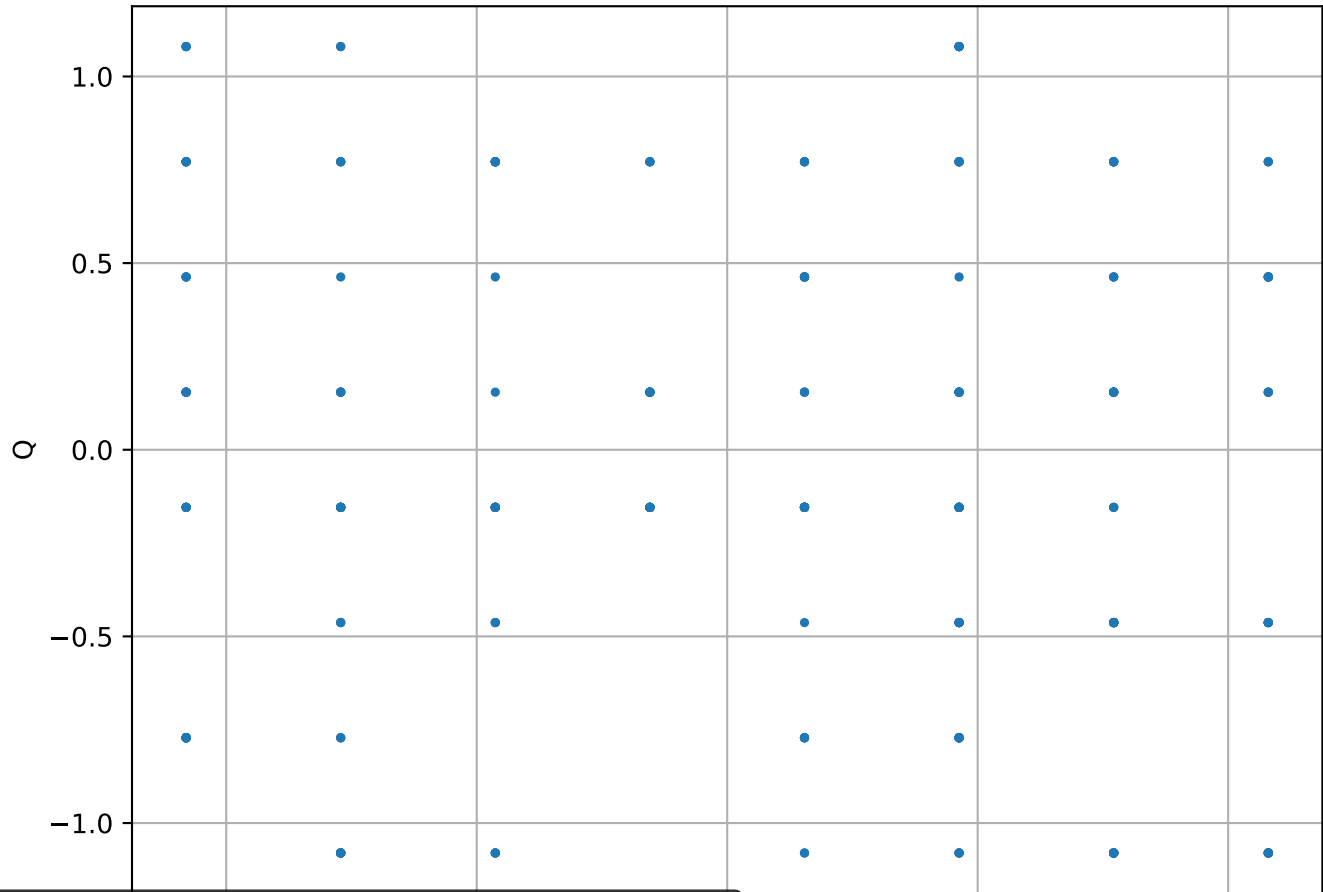
CP Length: 8



R1 - Spectrum Sensing (2) | BUSY (avg power= $1.3276 \times 10^{-2}$ )

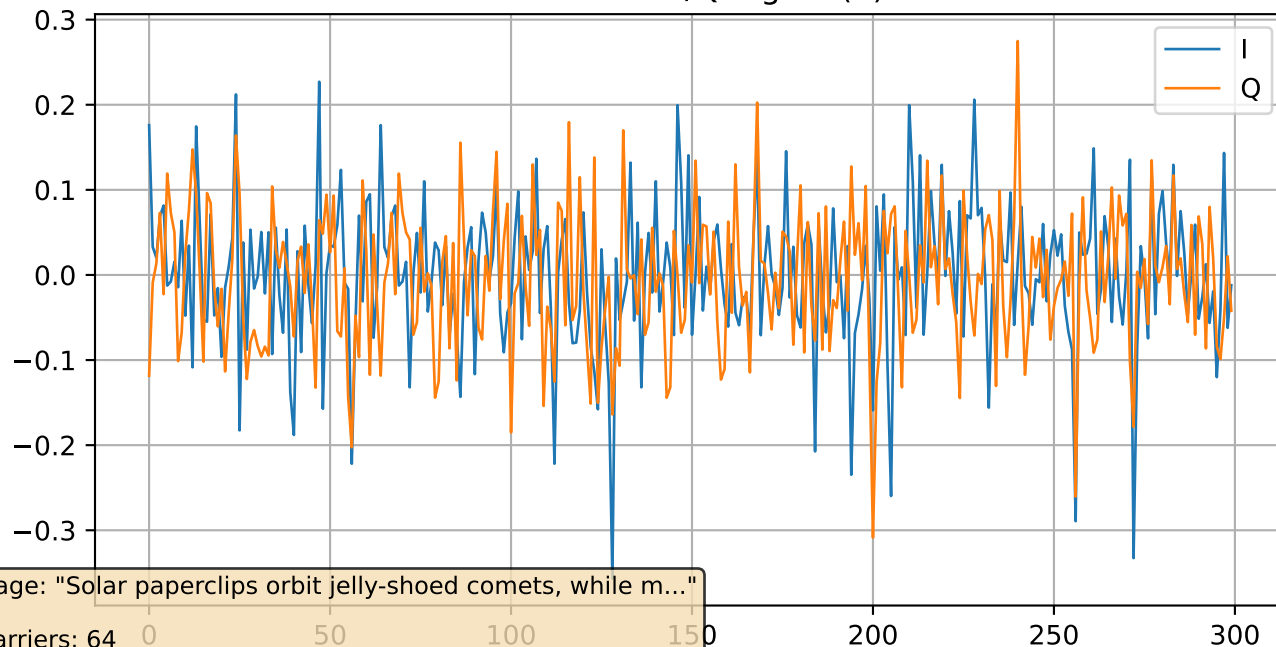


# R1 - Constellation Diagram (3)



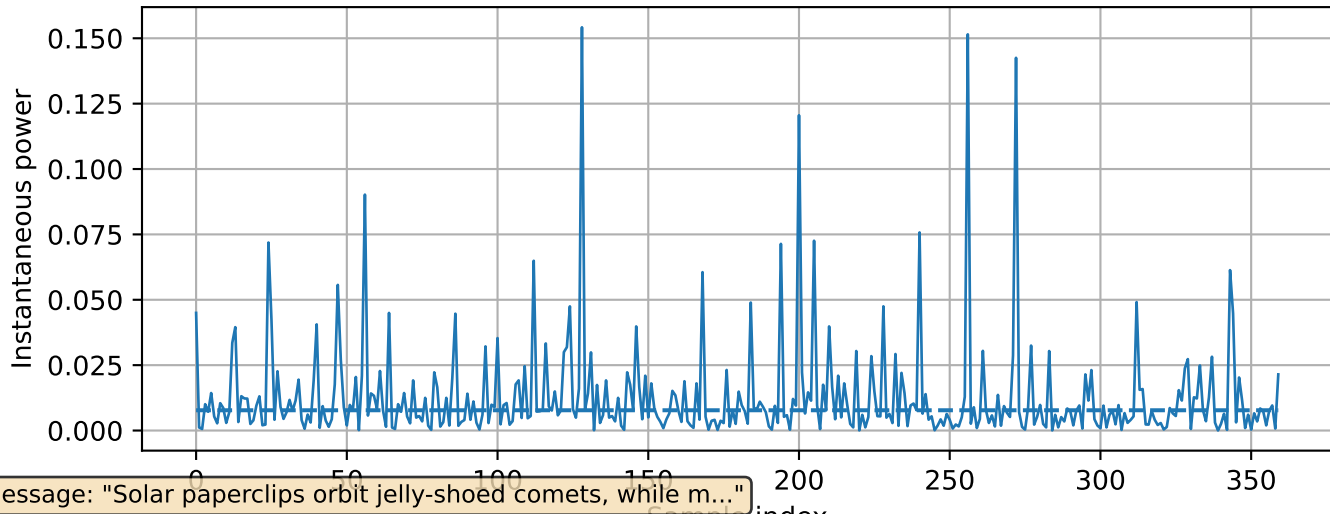
Message: "Solar paperclips orbit jelly-shoed comets, while m..."  
 M: 64  
 Subcarriers: 64  
 CP Length: 8

R1 - OFDM I/Q Signal (3)



Message: "Solar paperclips orbit jelly-shoed comets, while m..."  
M: 64  
Subcarriers: 64  
CP Length: 8

R1 - Spectrum Sensing (3) | BUSY (avg power= $1.2916 \times 10^{-2}$ )



SNR vs BER Performance

