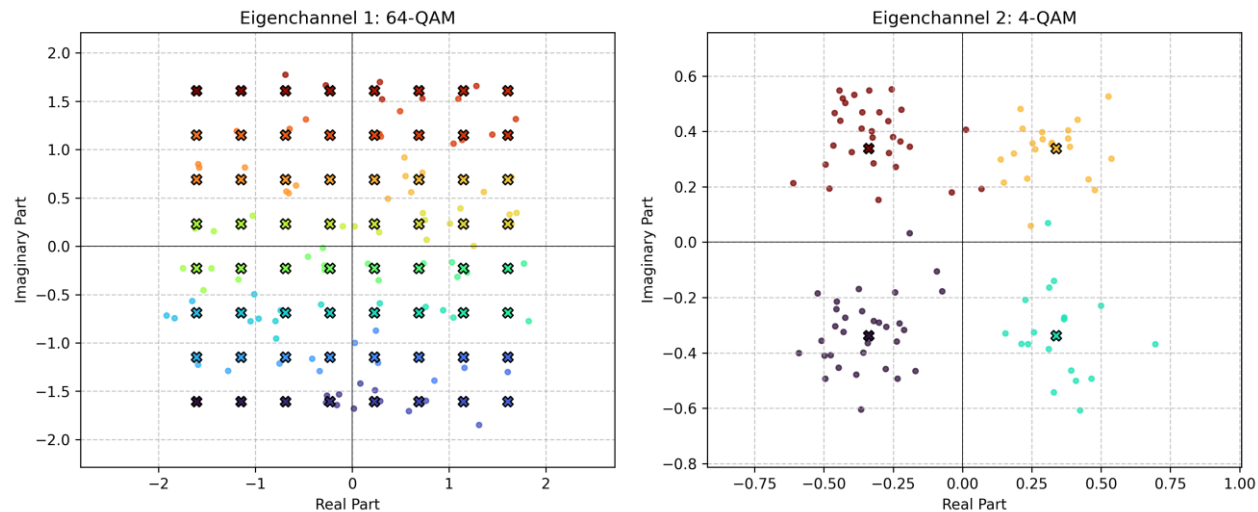


different SU-MIMO systems!
2x2 vs 4x4

same SNR
same information bit rate

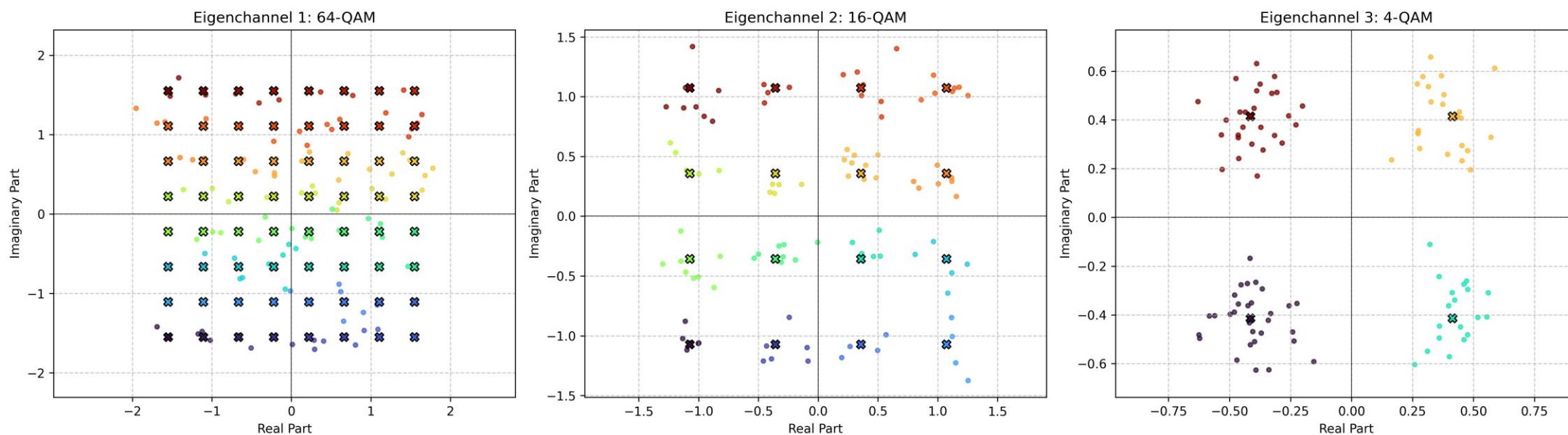
2x2 QAM SU-MIMO SVD DigCom System

Scatter Diagram after SVD Processing
SNR = 15 dB & $R_b = 100\%$



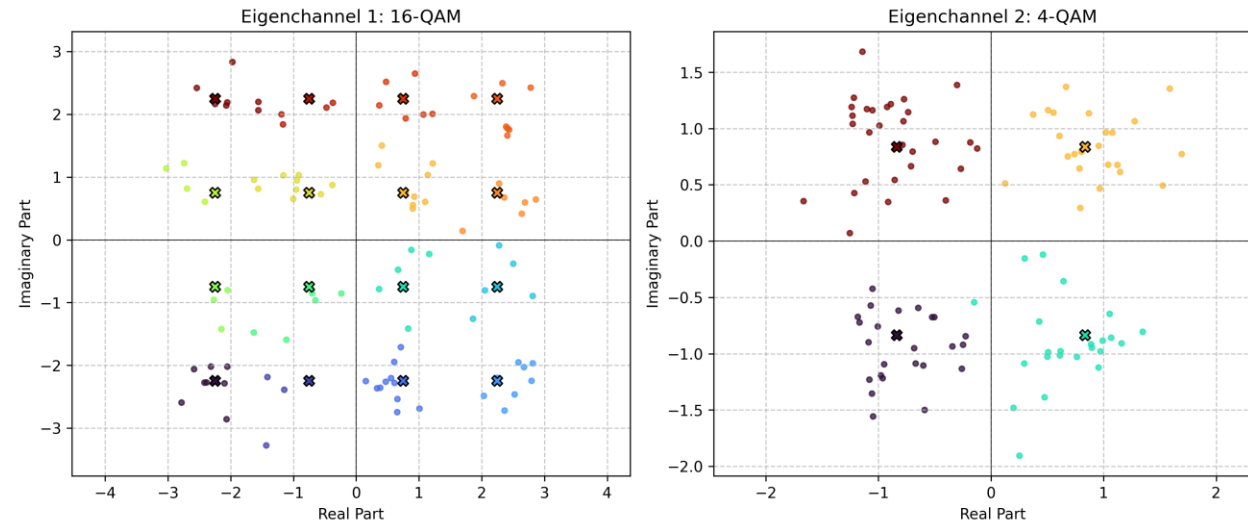
4x4 QAM SU-MIMO SVD DigCom System

Scatter Diagram after SVD Processing
SNR = 15 dB & $R_b = 100\%$



4x4 QAM SU-MIMO SVD DigCom System

Scatter Diagram after SVD Processing
SNR = 5 dB & $R_b = 100\%$

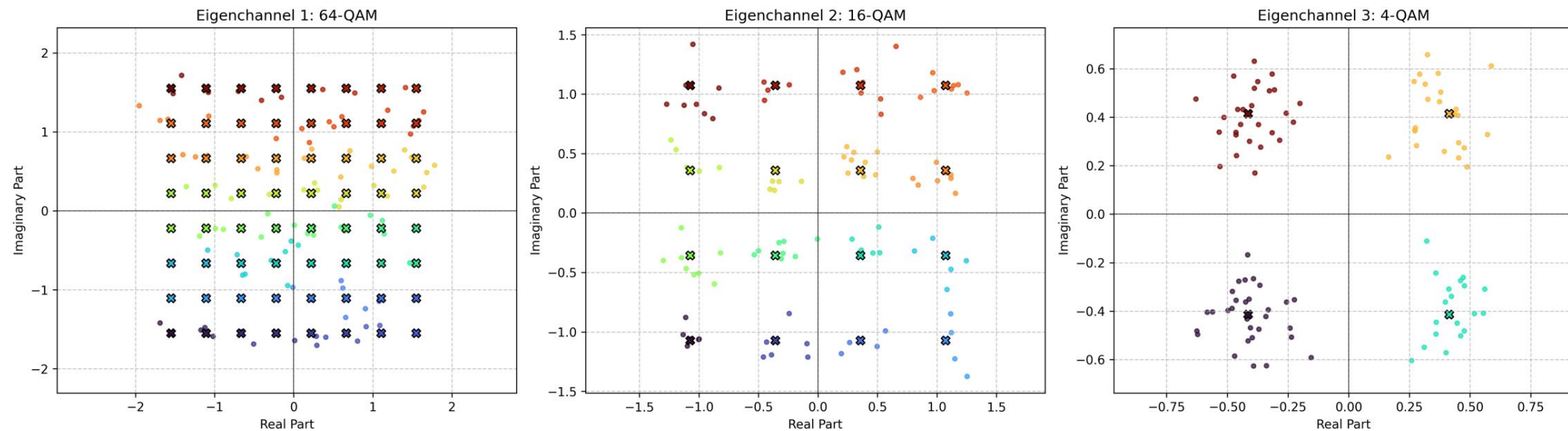


different SNR values
5 vs 15

same systems
same information bit rate

4x4 QAM SU-MIMO SVD DigCom System

Scatter Diagram after SVD Processing
SNR = 15 dB & $R_b = 100\%$

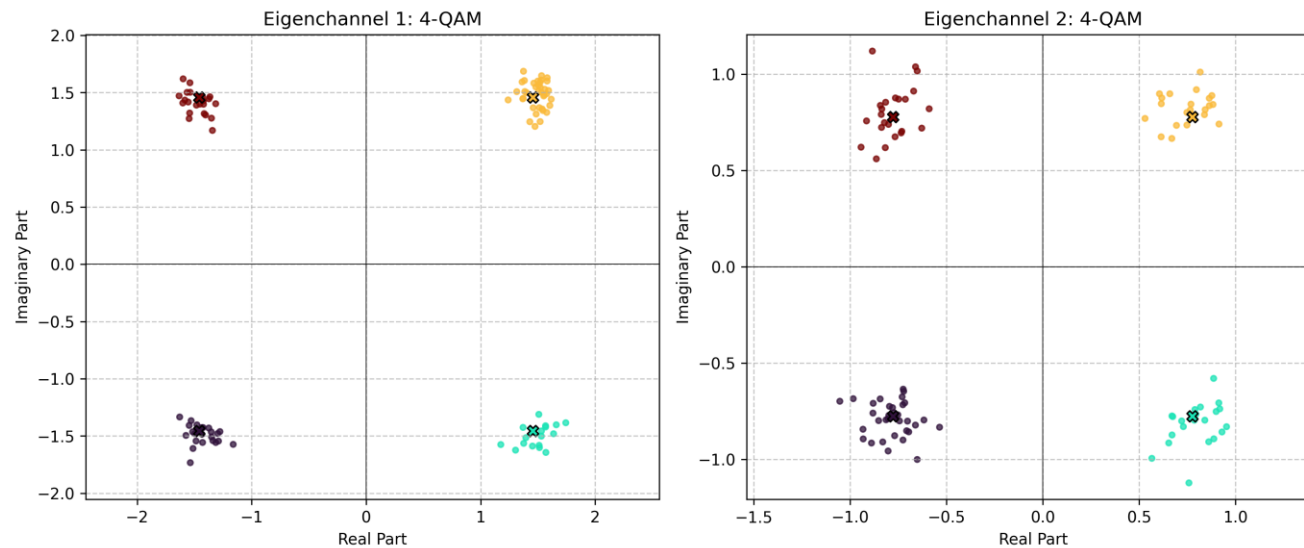


different information bit rate
50% vs 100%

same systems
same information bit rate

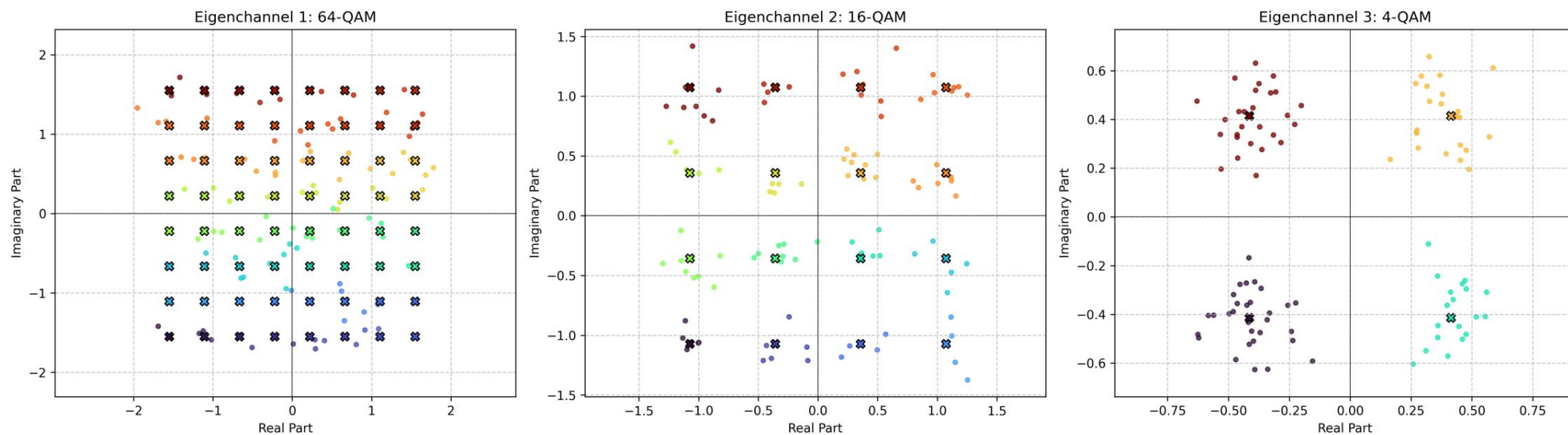
4x4 QAM SU-MIMO SVD DigCom System

Scatter Diagram after SVD Processing
SNR = 15 dB & $R_b = 50\%$



4x4 QAM SU-MIMO SVD DigCom System

Scatter Diagram after SVD Processing
SNR = 15 dB & $R_b = 100\%$



Analytical Bit Error Rate

