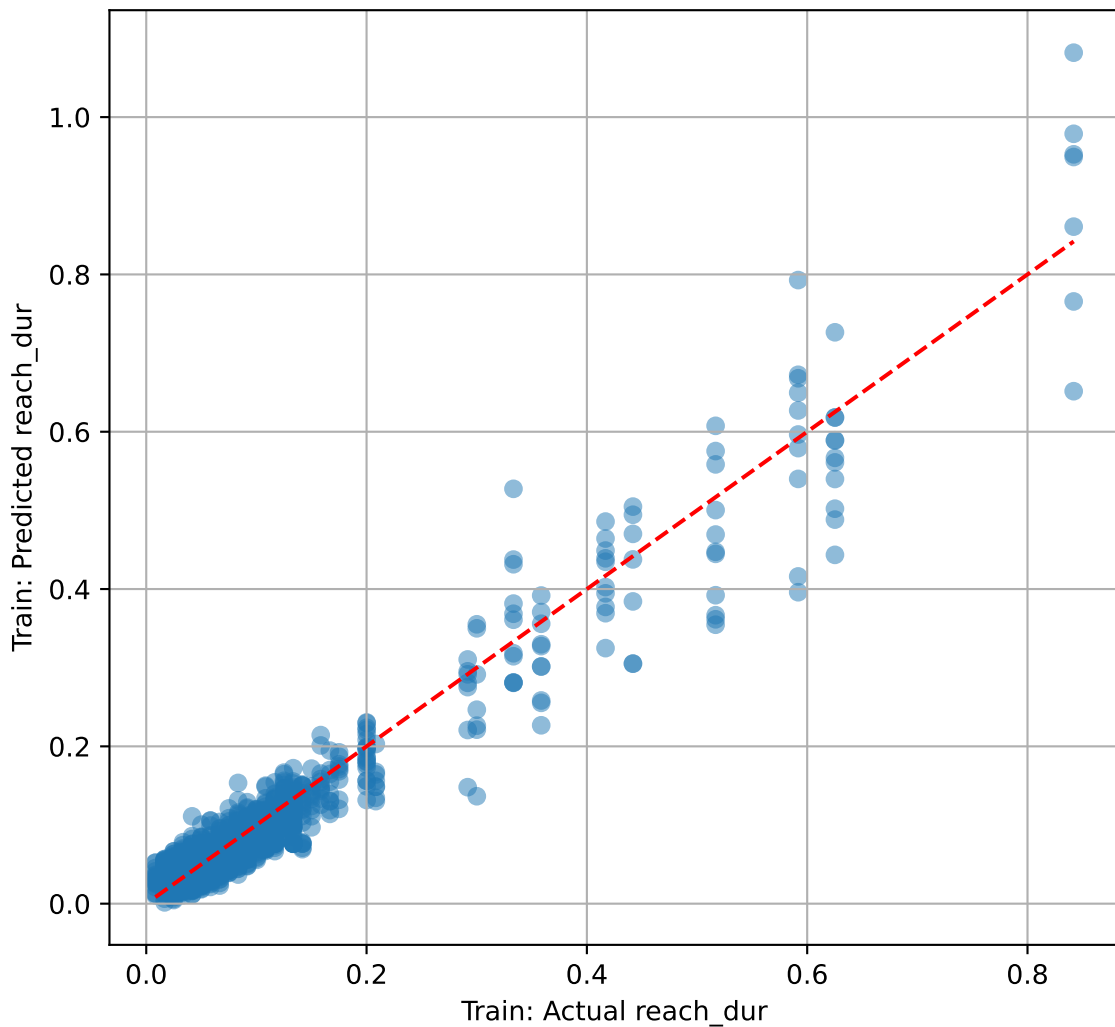
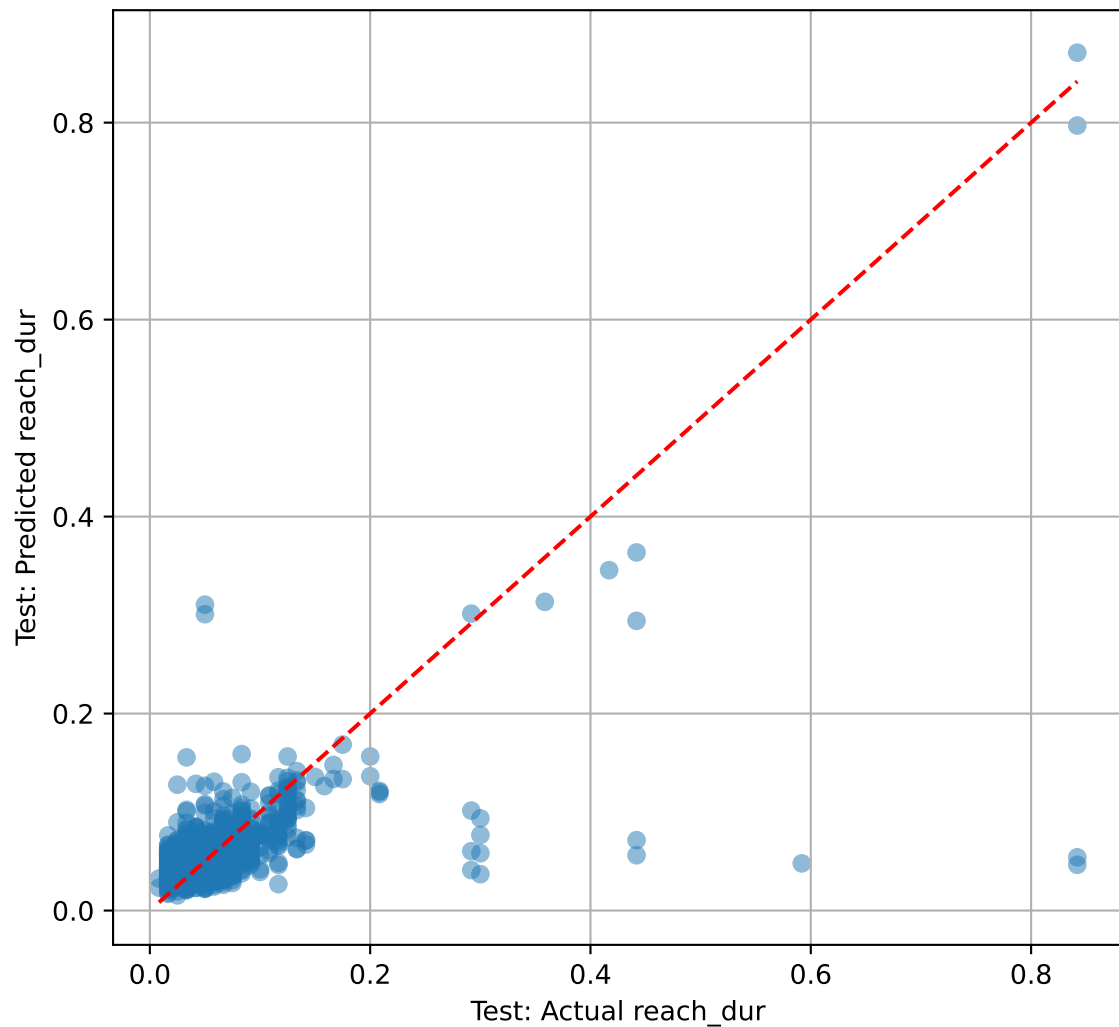


**reach\_dur**

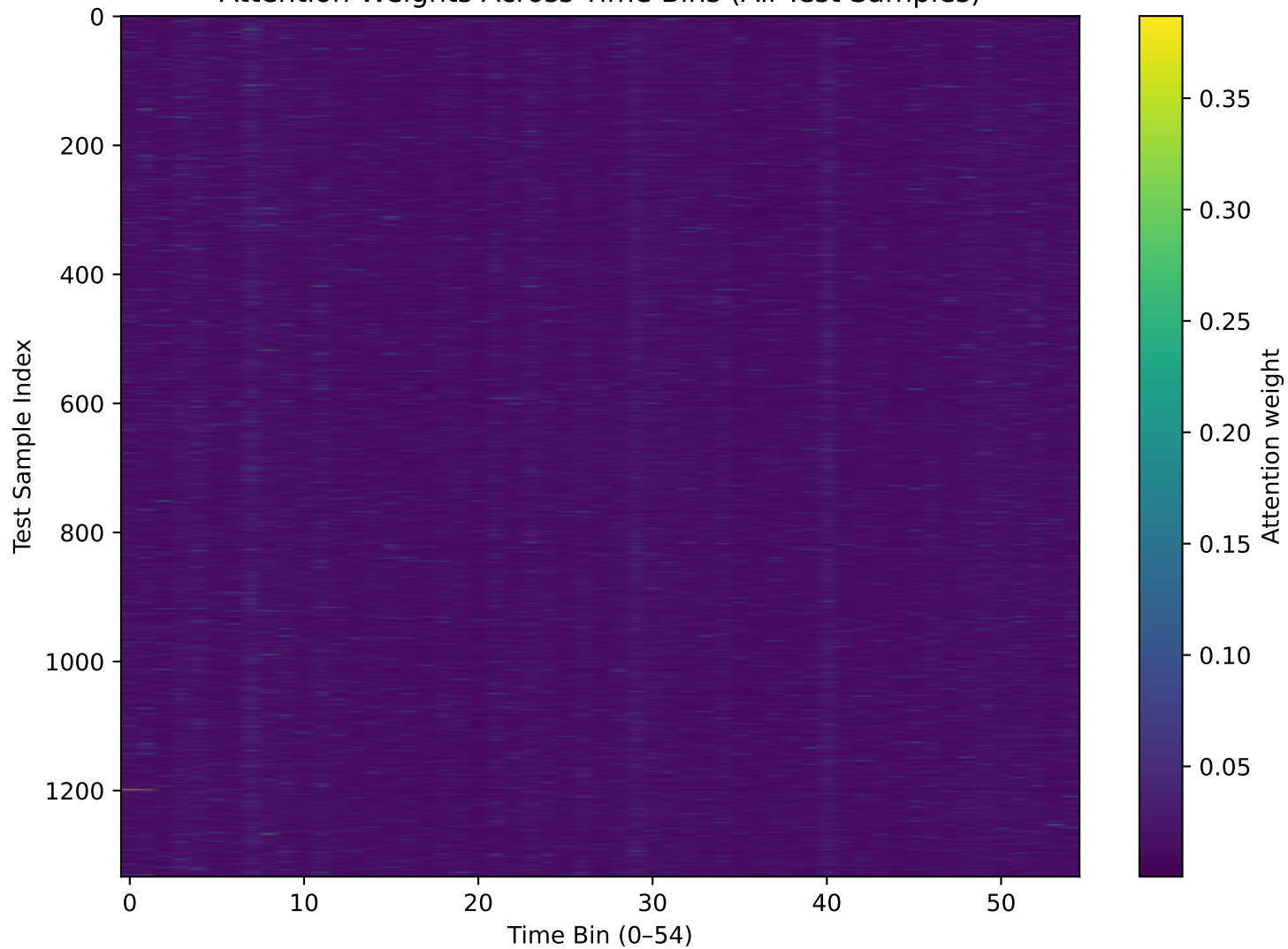
Train: Epoch 1500  
MSE: 0.0876, R2: 0.9139



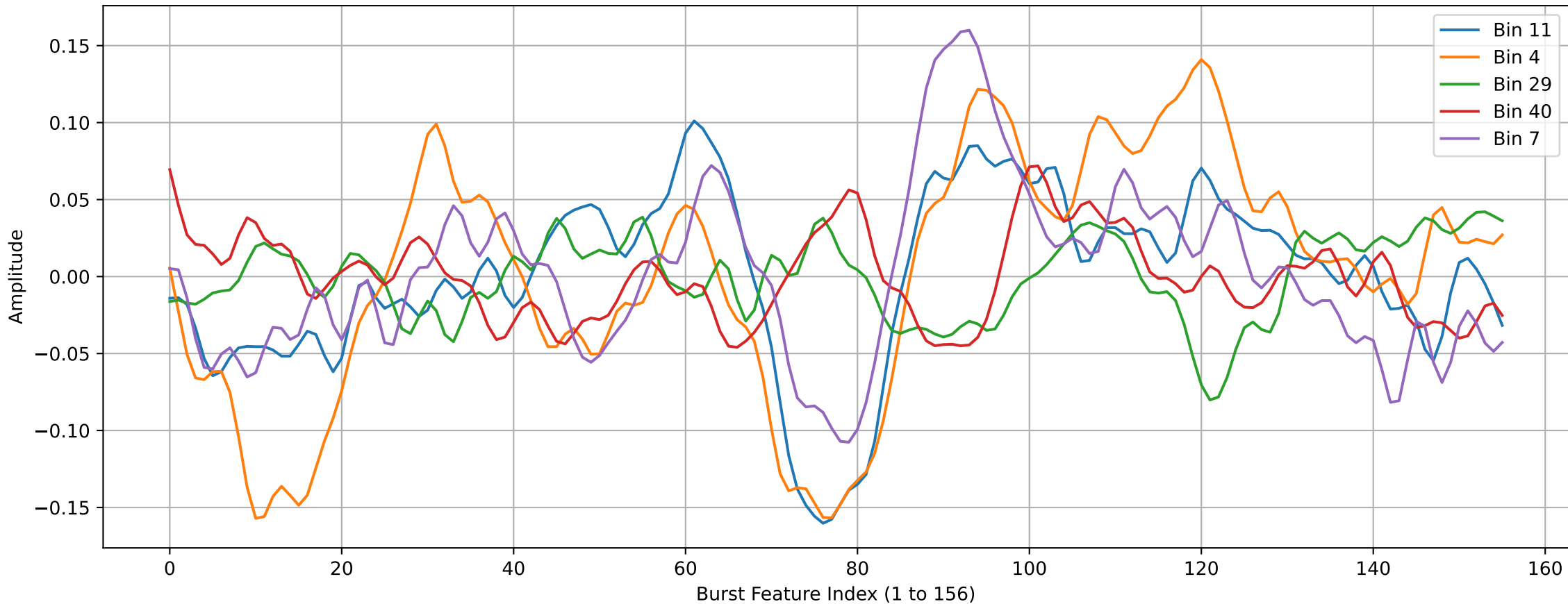
Test: Epoch 1500  
MSE: 0.5517, R2: 0.4051



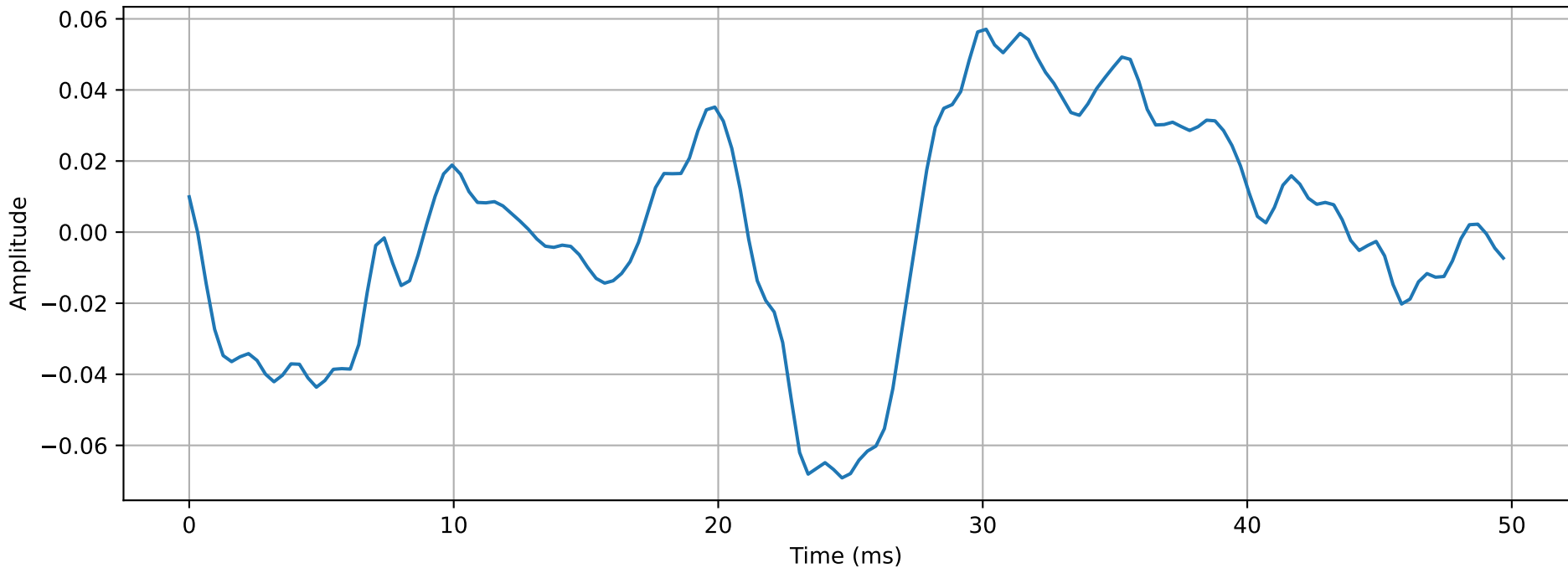
Attention Weights Across Time Bins (All Test Samples)



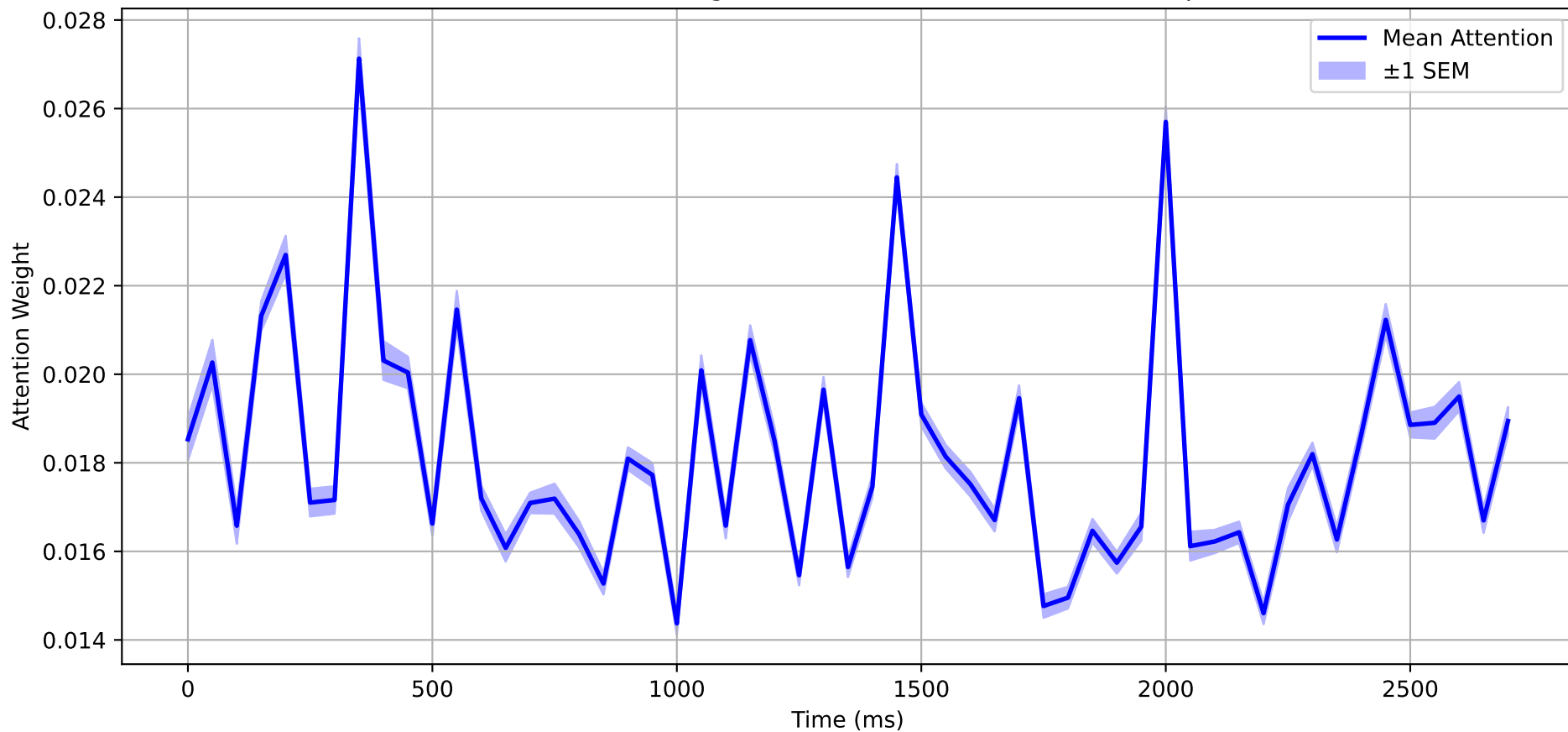
Waveform Shapes for Top Attention Bins (All Test Samples)



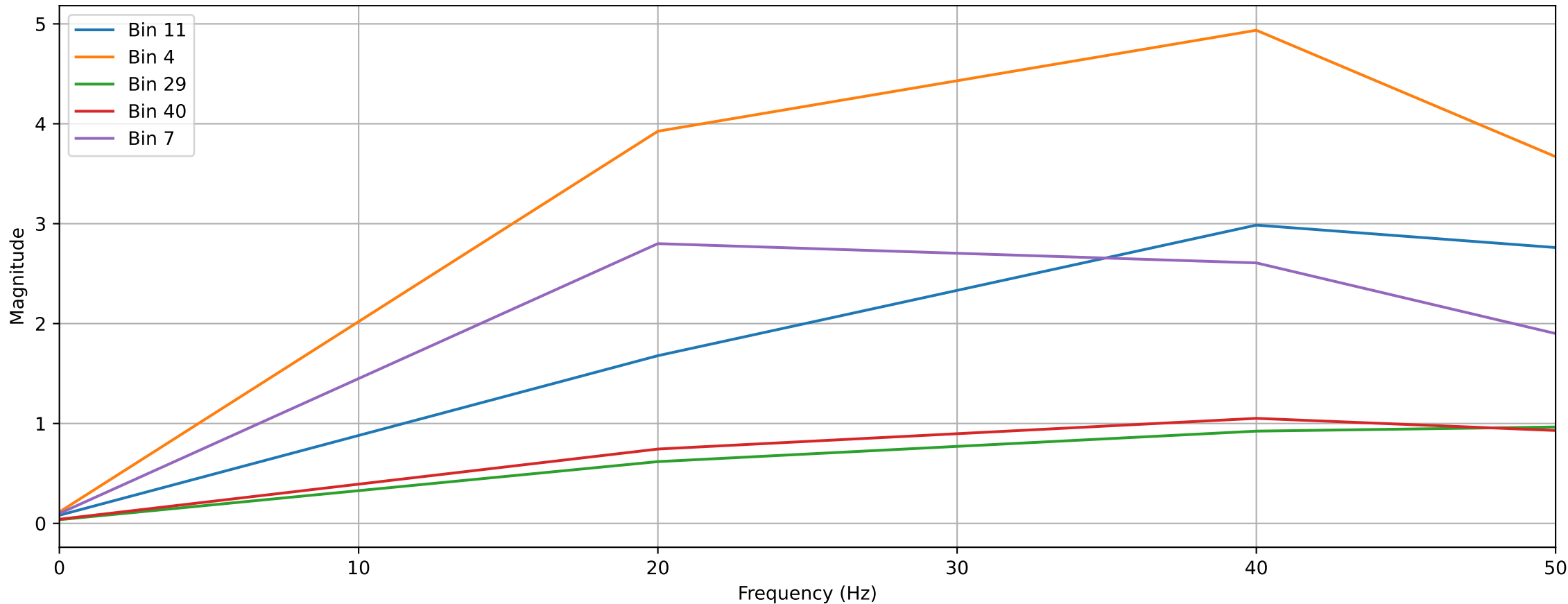
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean Attention Weights  $\pm$  Standard Error (All Test Samples)



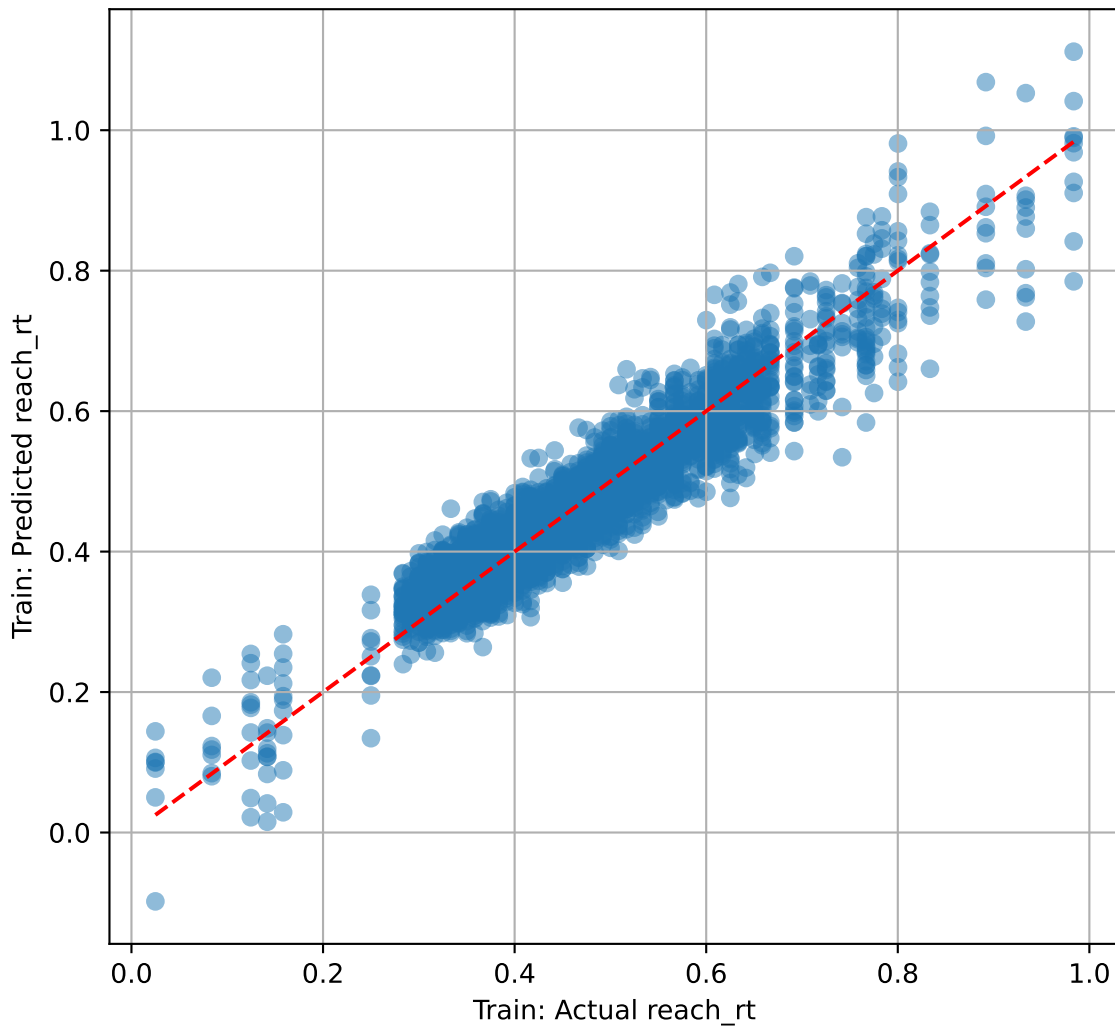
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



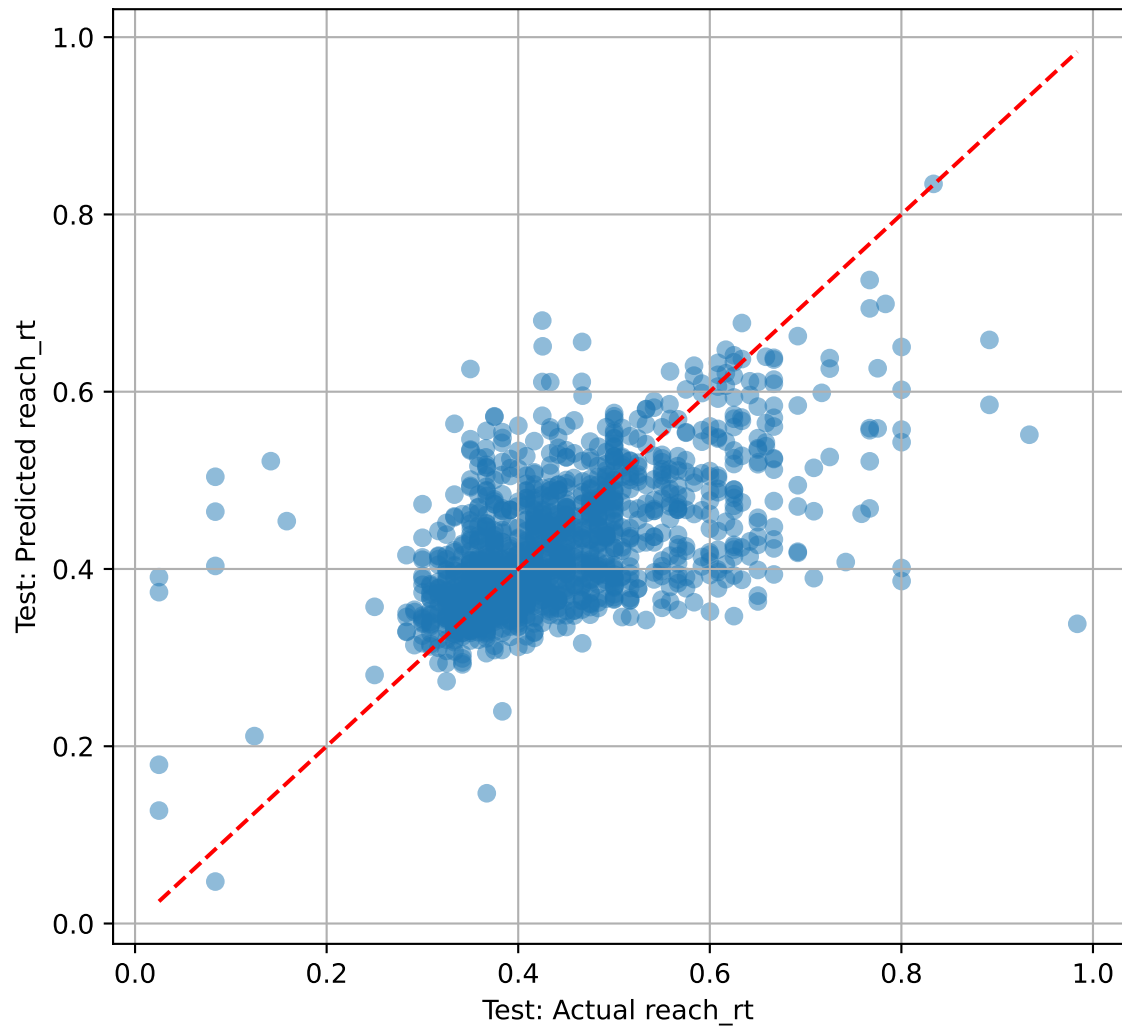
**reach\_rt**



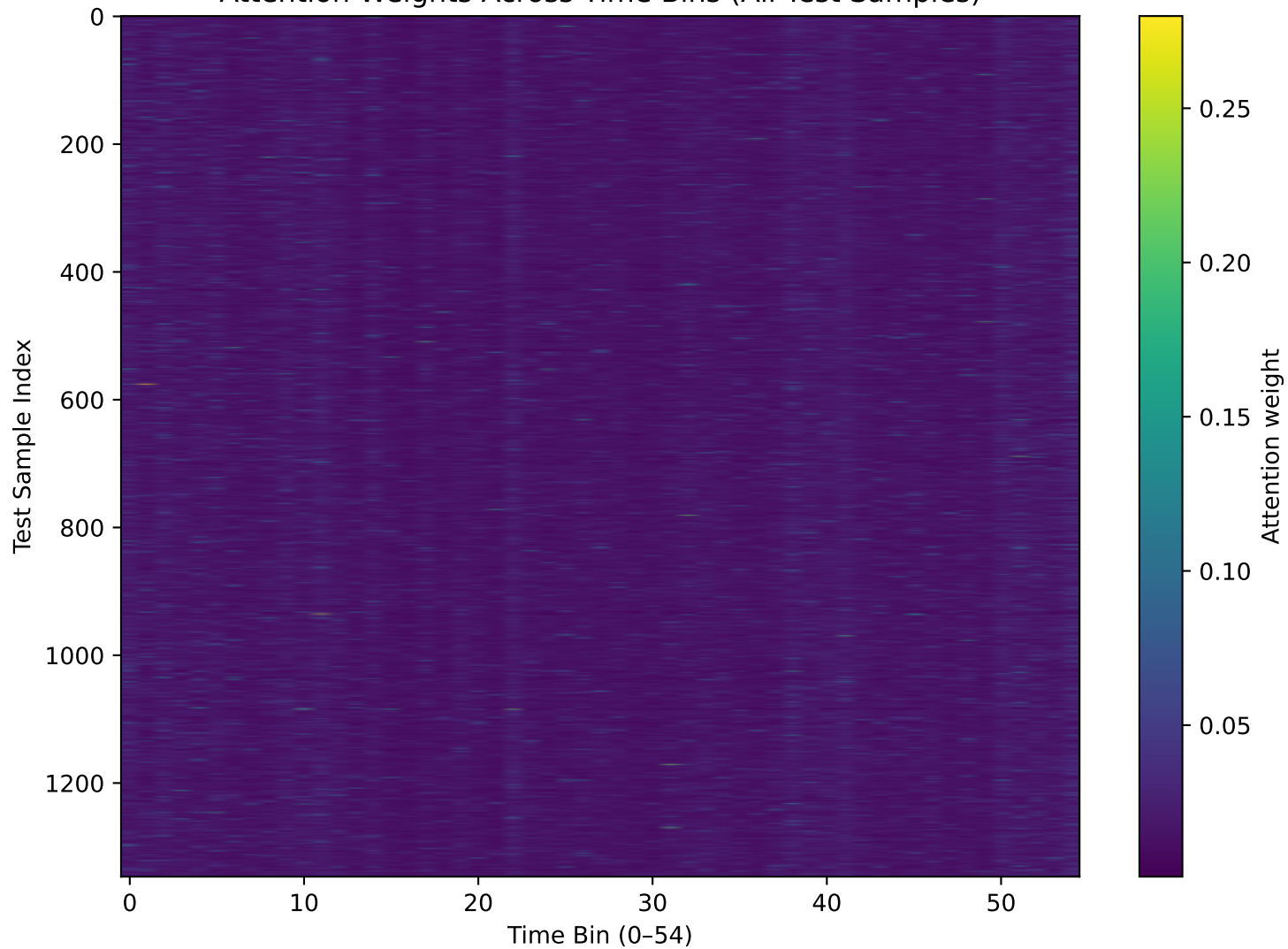
Train: Epoch 1500  
MSE: 0.1098, R2: 0.8919



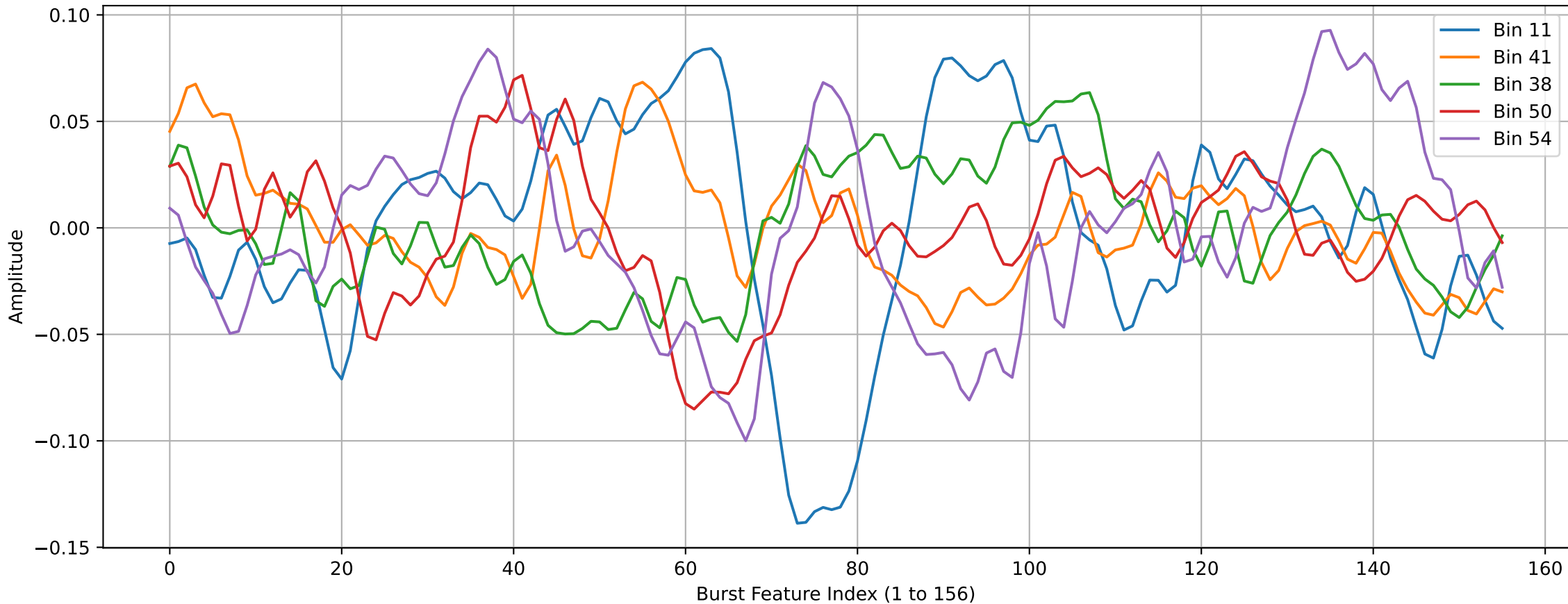
Test: Epoch 1500  
MSE: 0.6600, R2: 0.2946



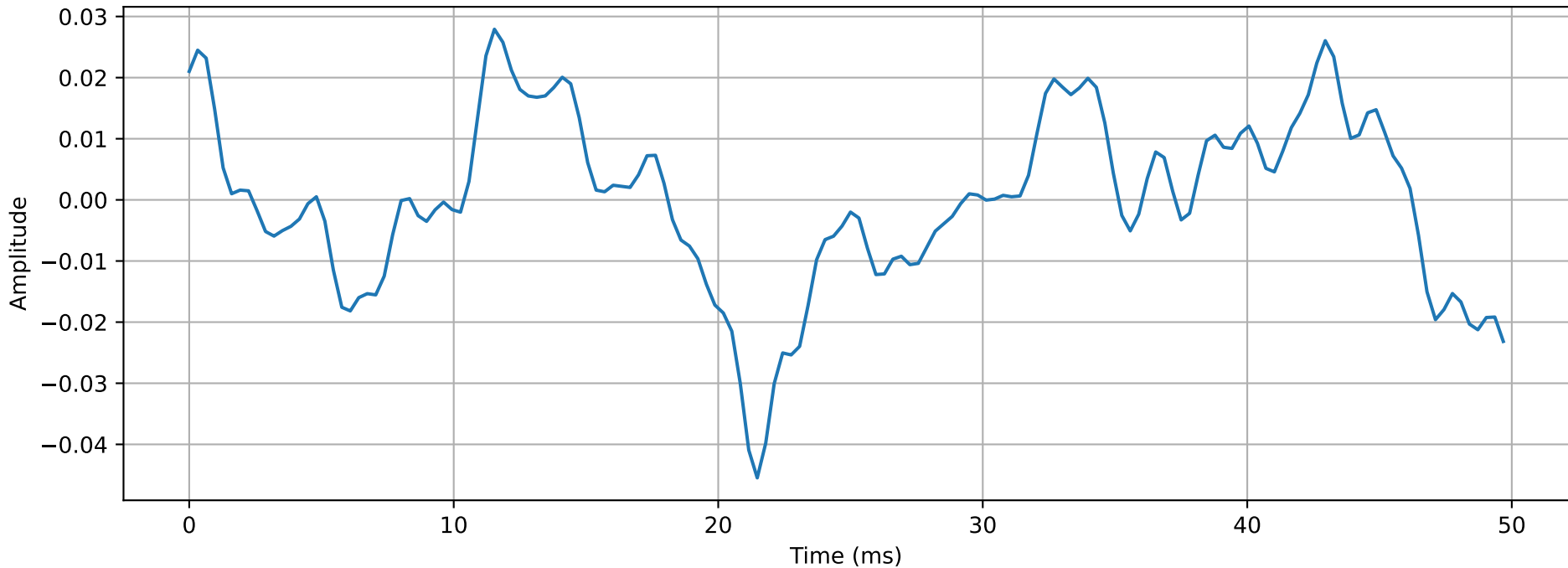
Attention Weights Across Time Bins (All Test Samples)



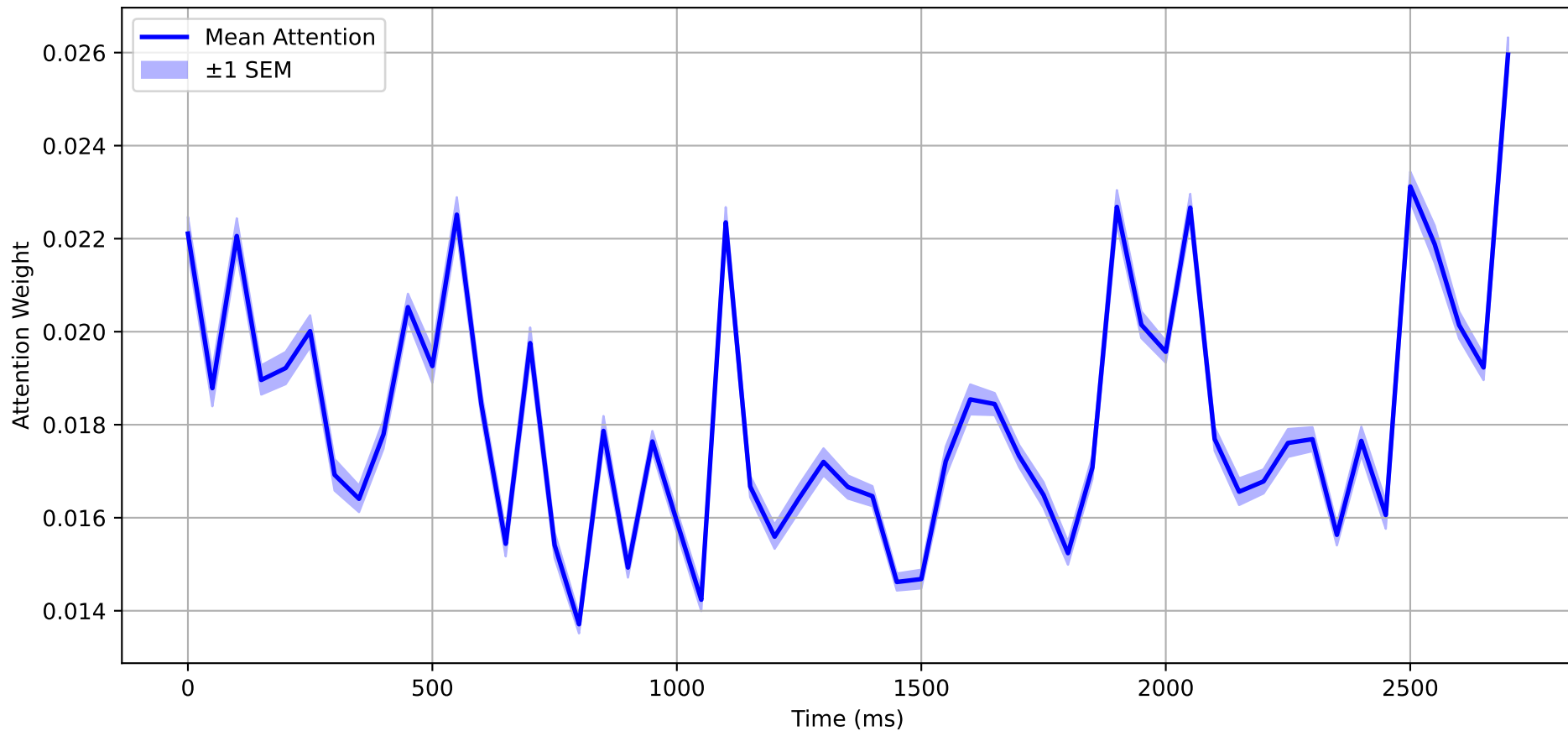
Waveform Shapes for Top Attention Bins (All Test Samples)



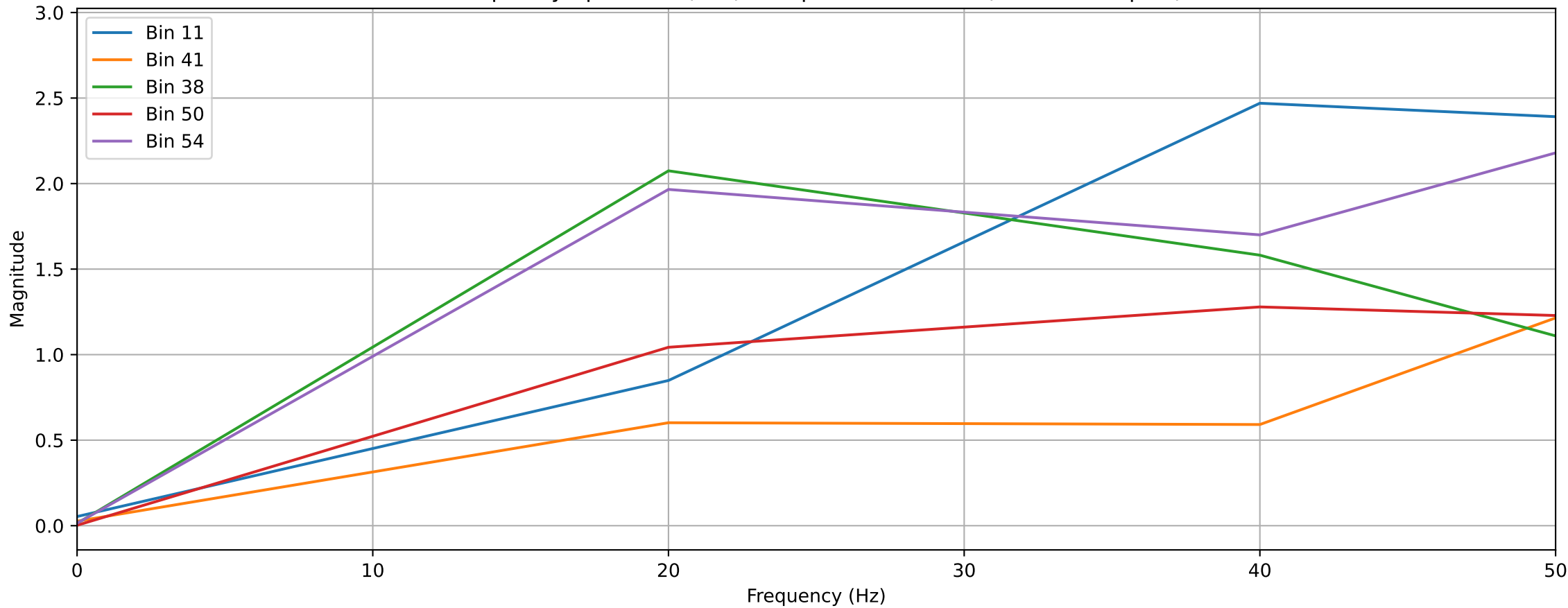
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean Attention Weights  $\pm$  Standard Error (All Test Samples)

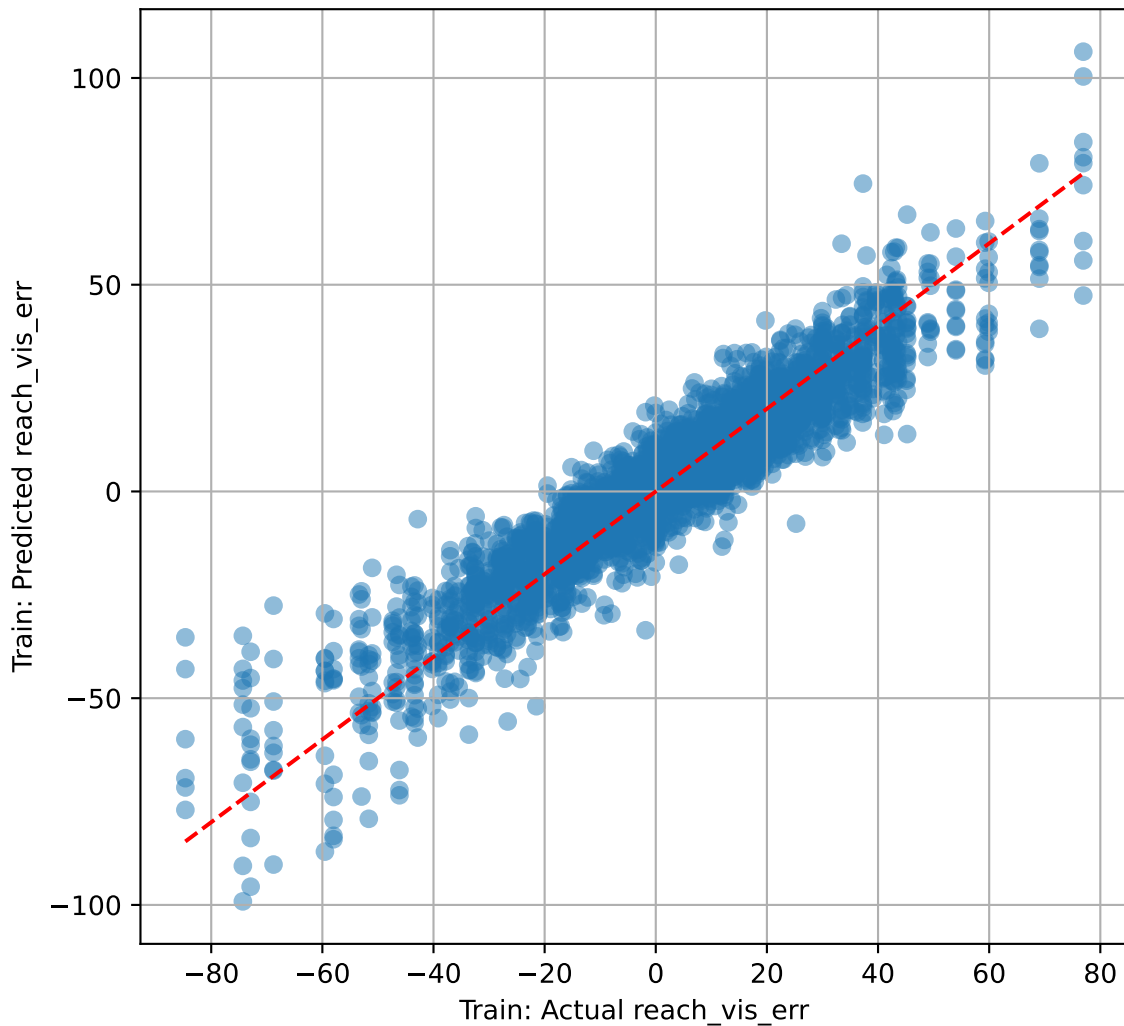


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

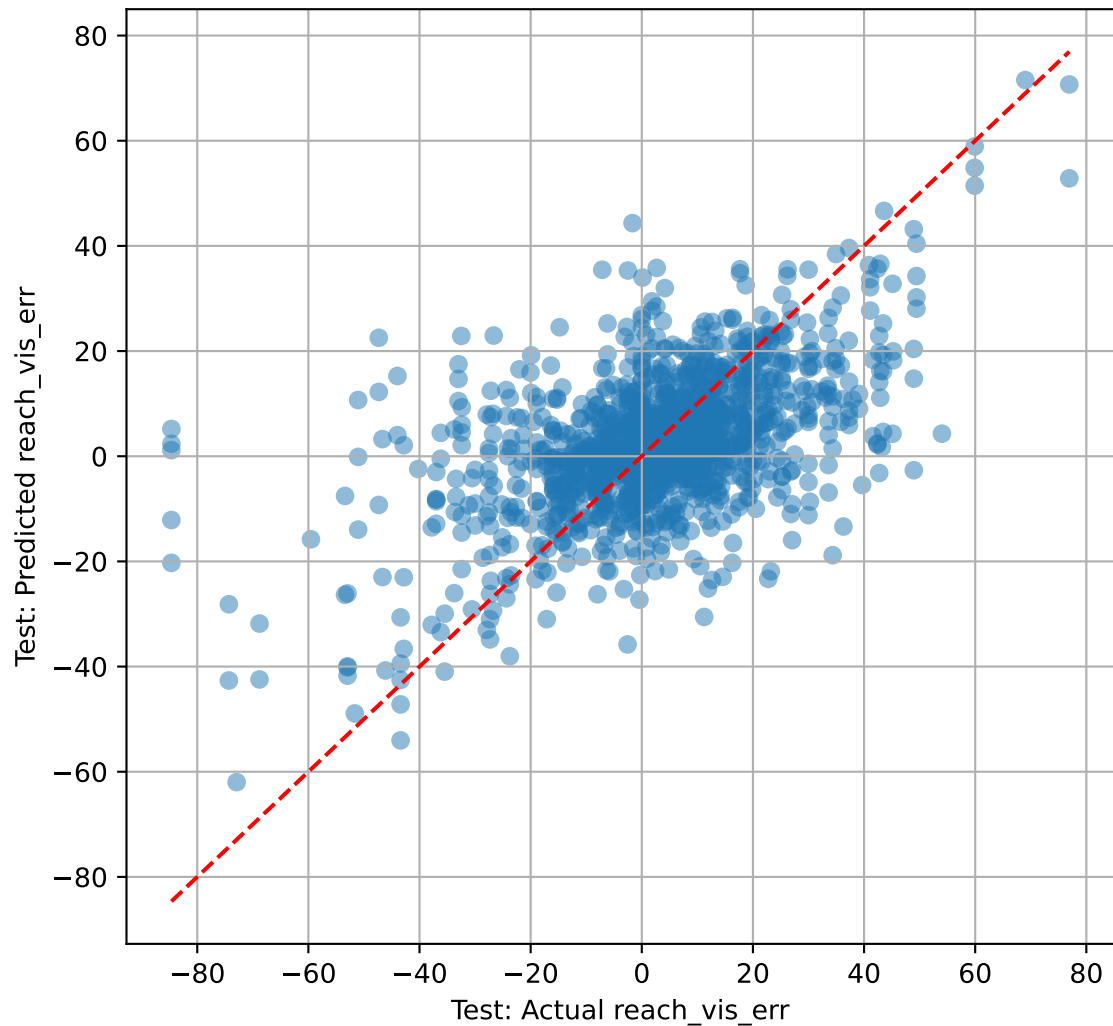


**reach\_vis\_err**

Train: Epoch 1500  
MSE: 0.1353, R2: 0.8658

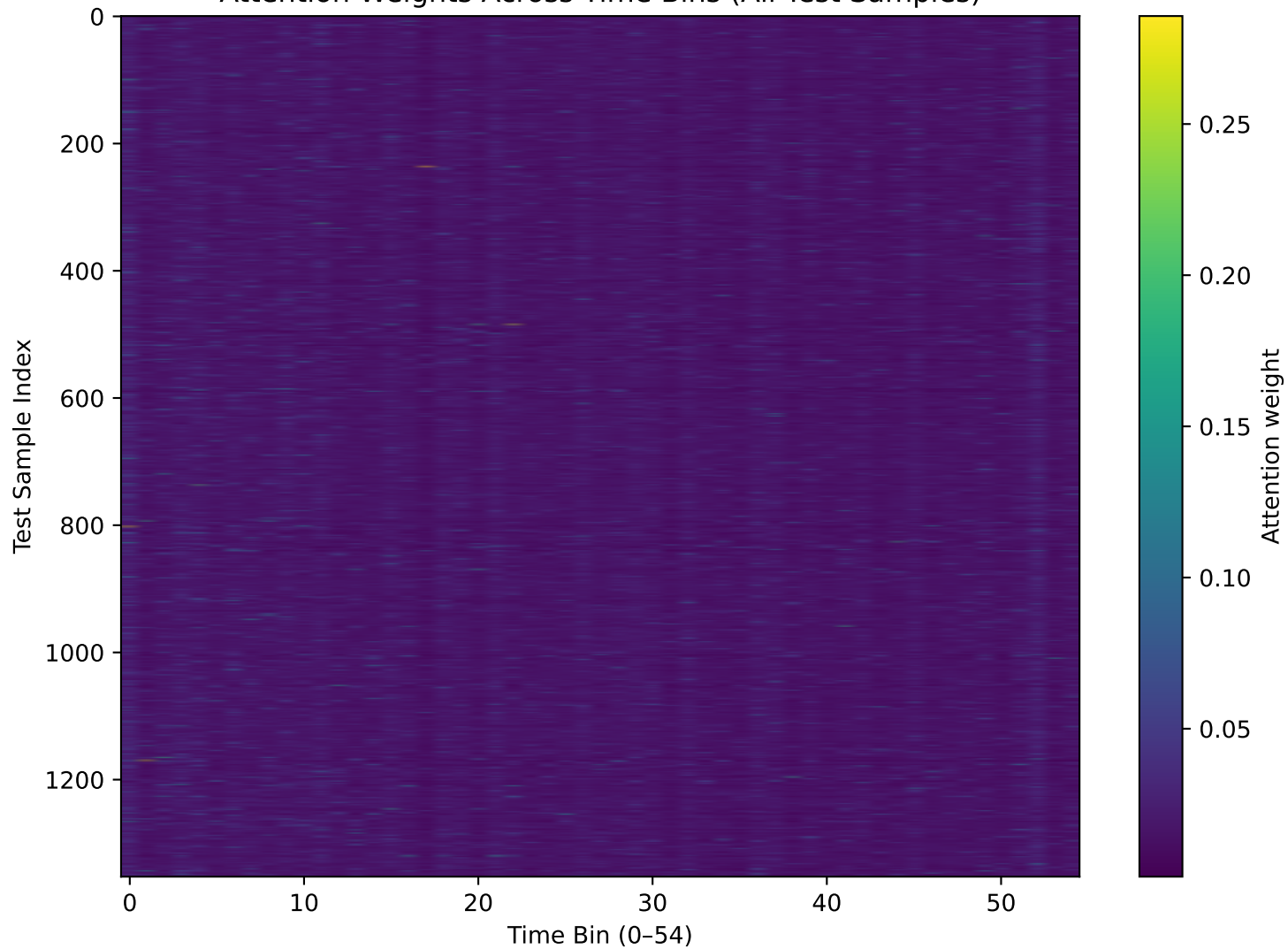


Test: Epoch 1500  
MSE: 0.6974, R2: 0.2796

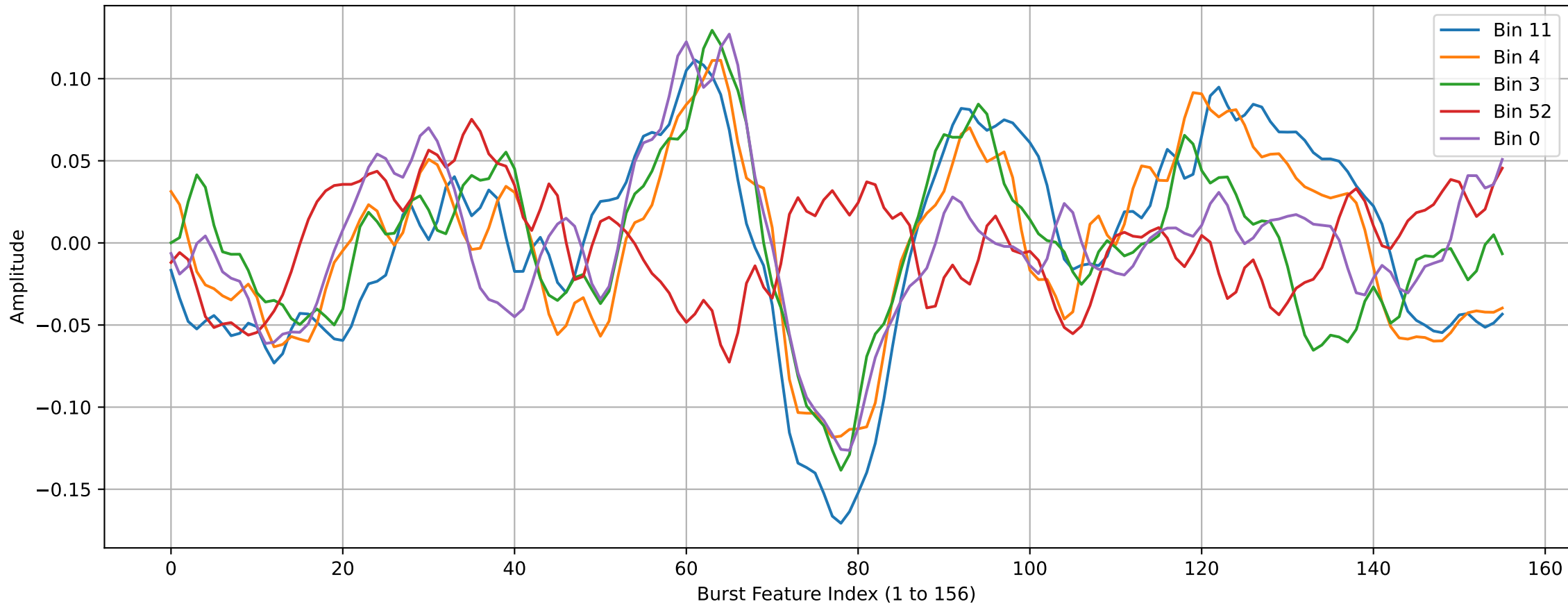




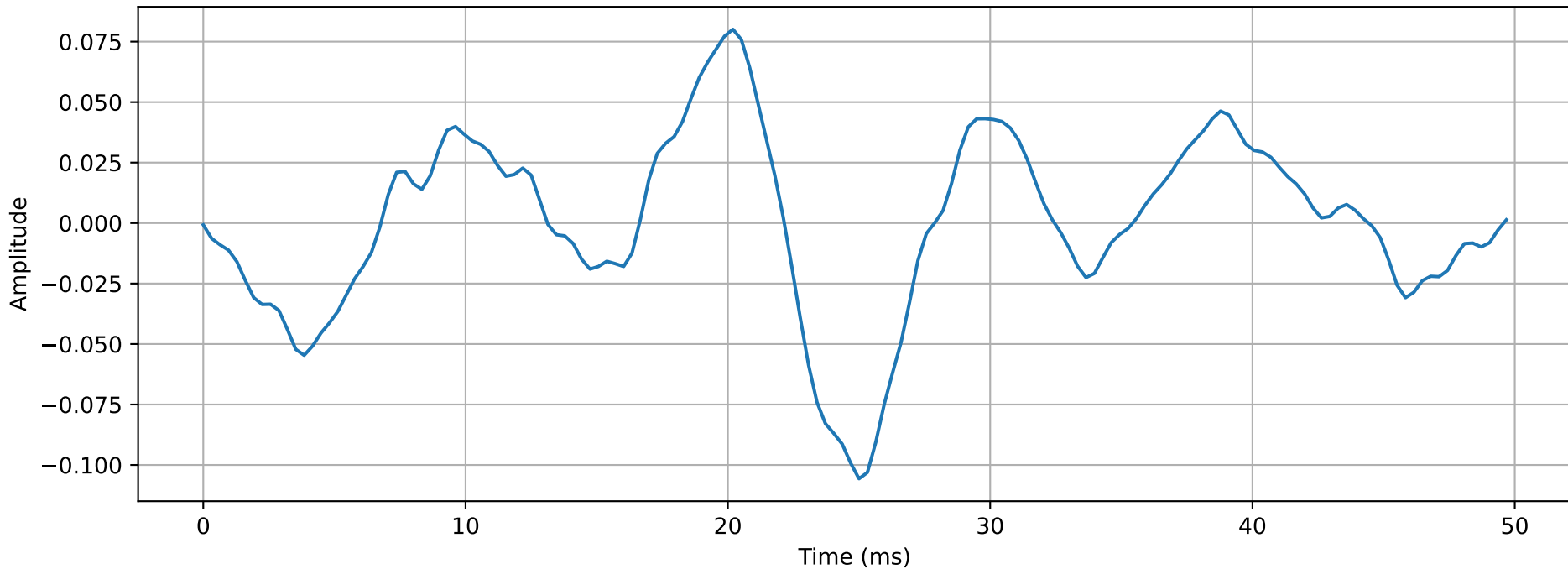
Attention Weights Across Time Bins (All Test Samples)



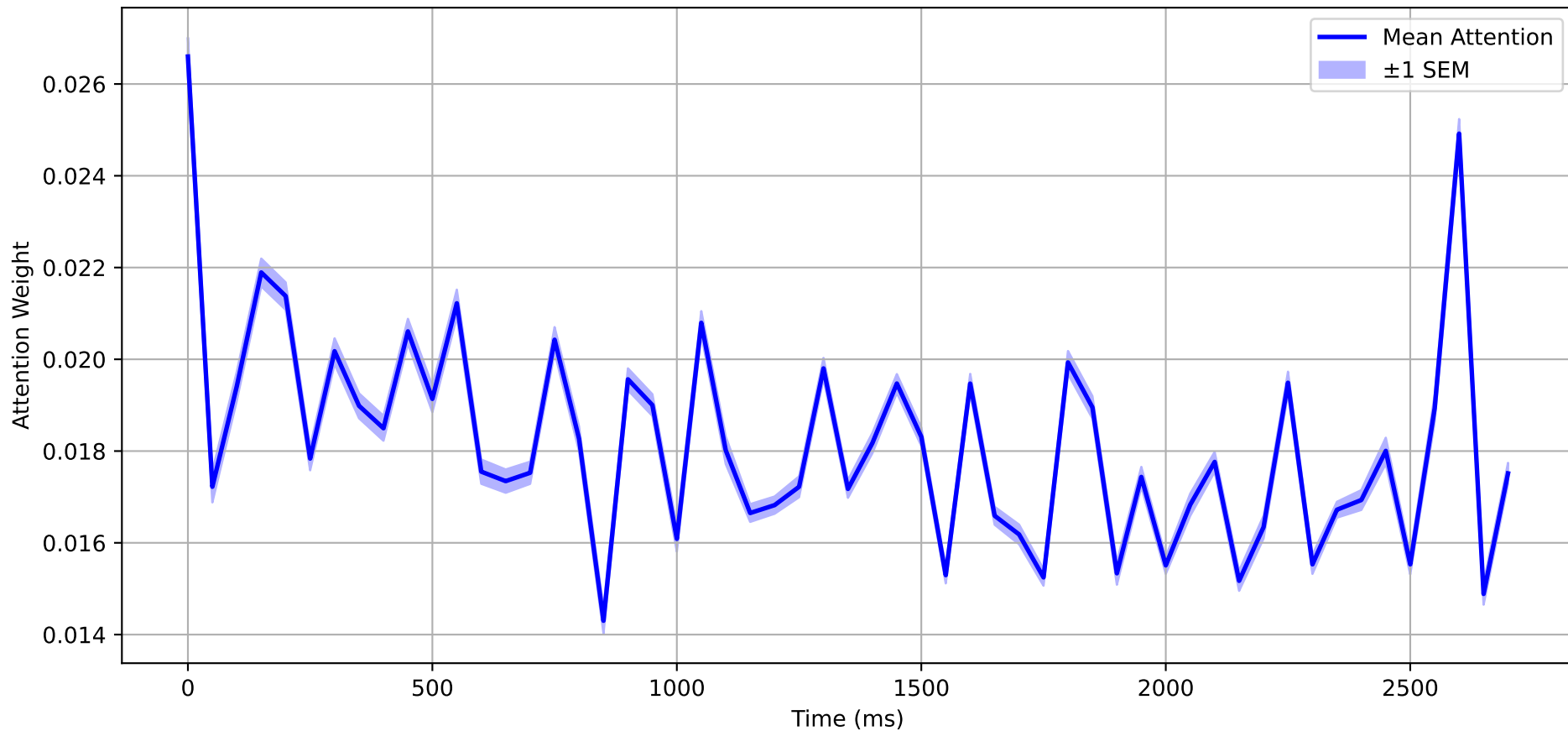
Waveform Shapes for Top Attention Bins (All Test Samples)



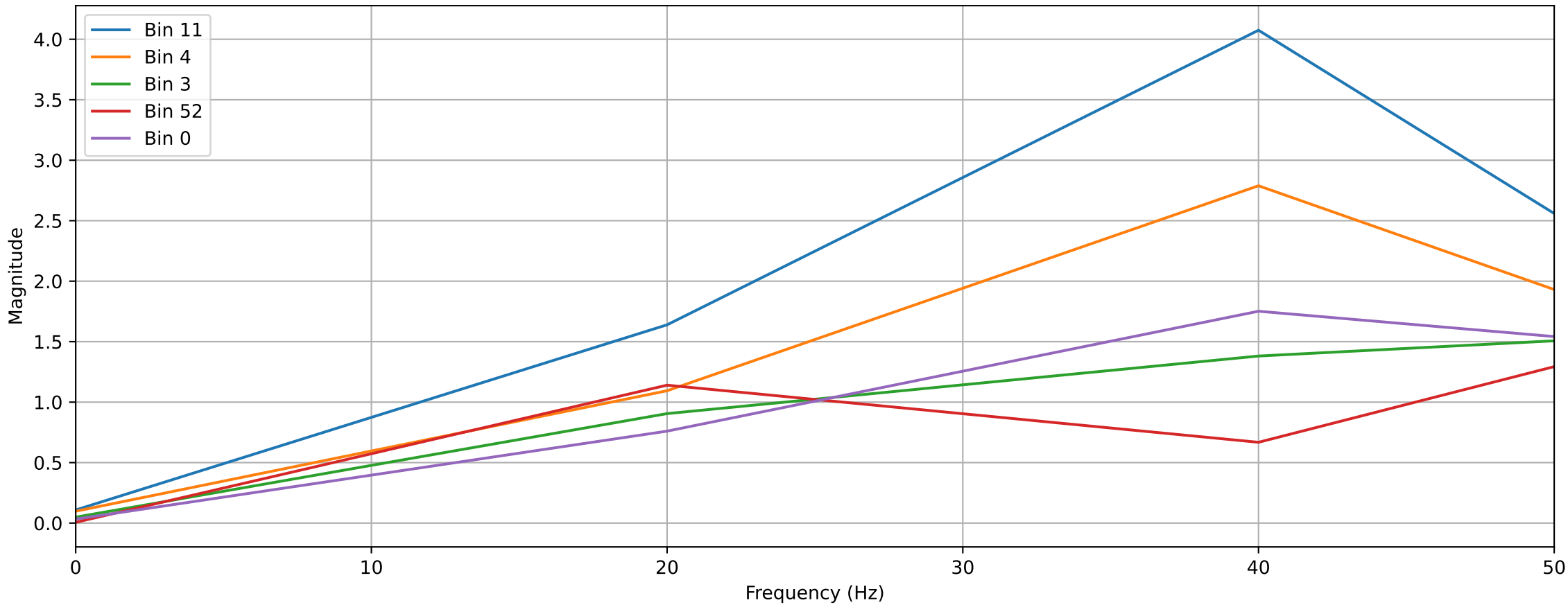
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean Attention Weights  $\pm$  Standard Error (All Test Samples)

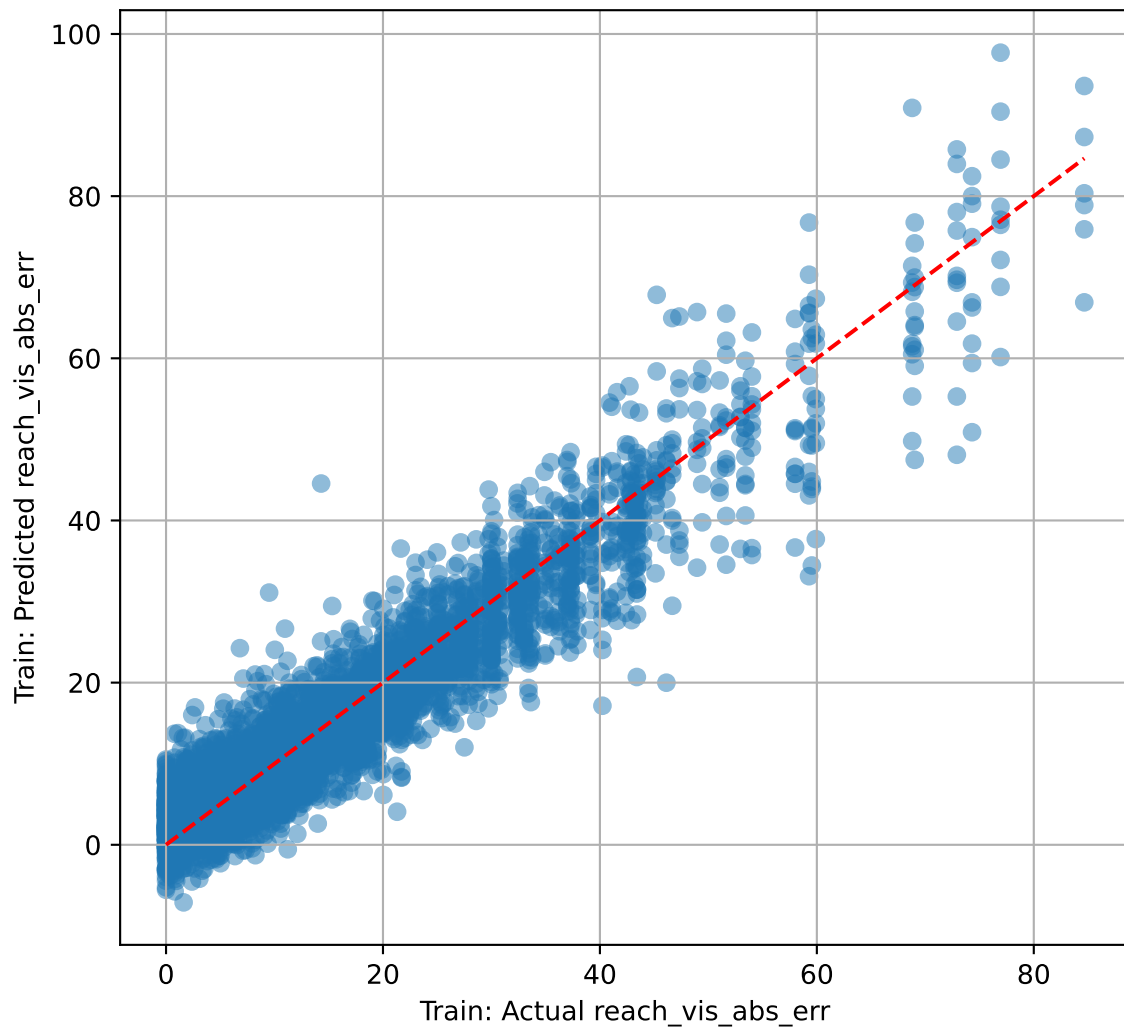


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

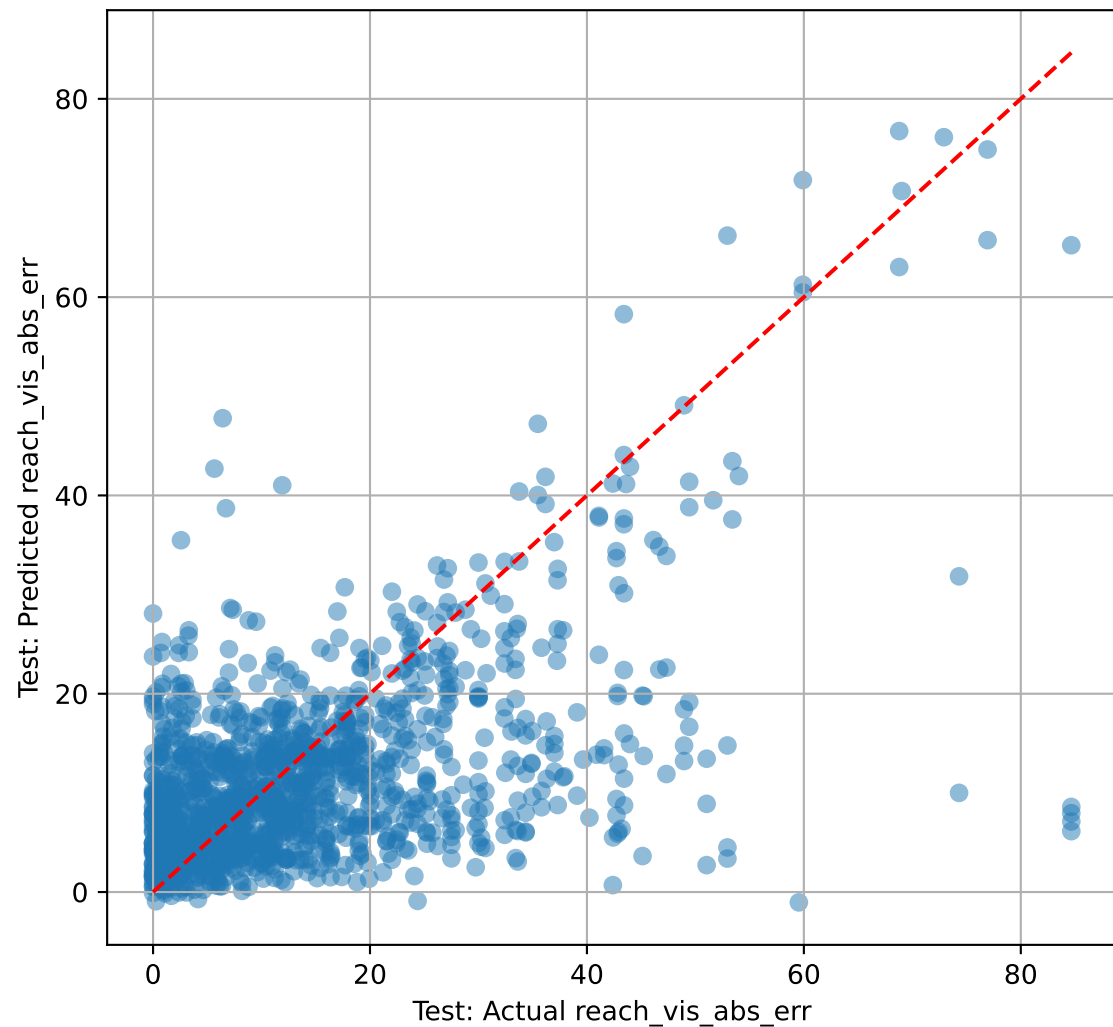


**reach\_vis\_abs\_err**

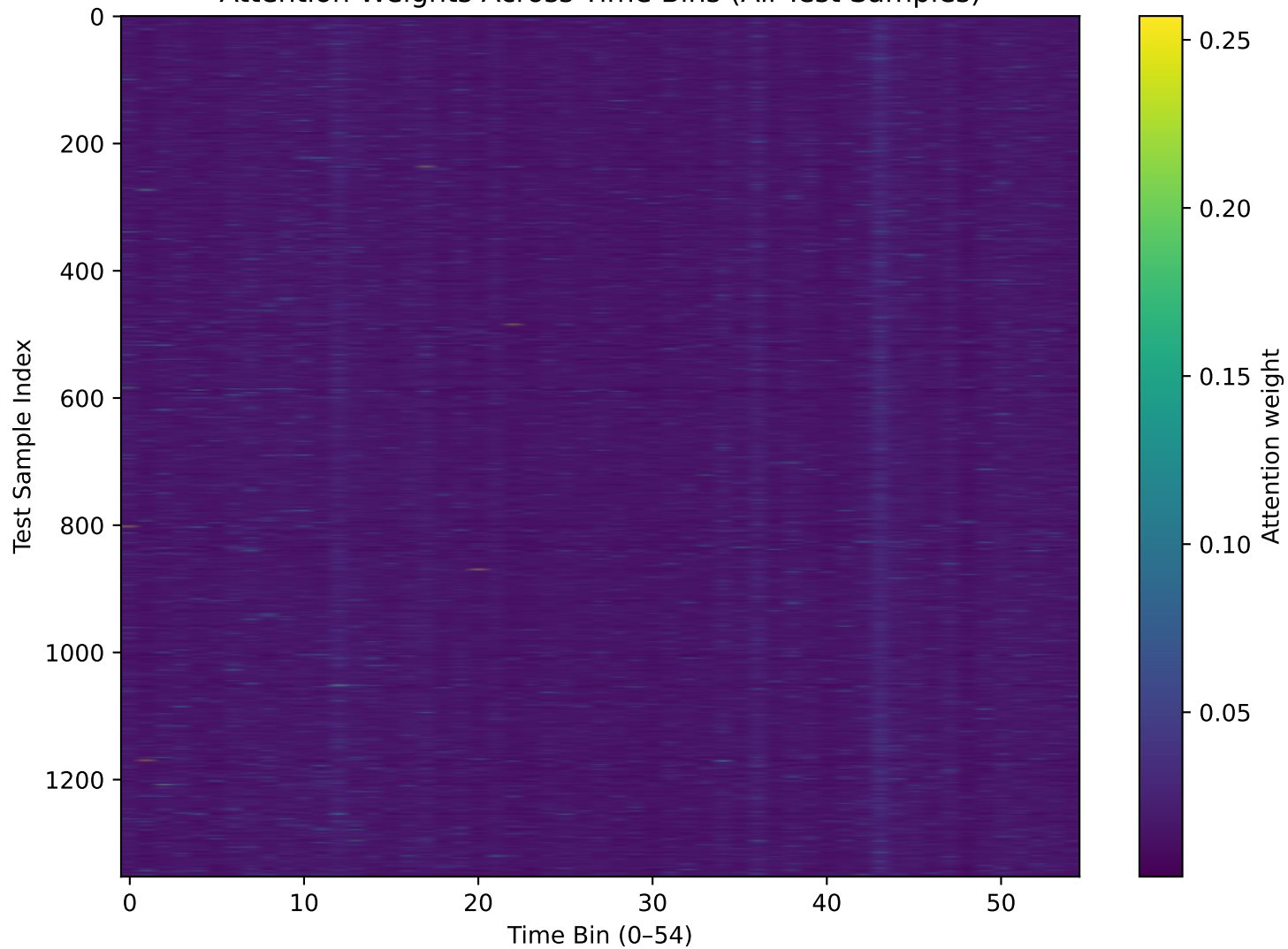
Train: Epoch 1500  
MSE: 0.1081, R2: 0.8923



Test: Epoch 1500  
MSE: 0.7462, R2: 0.2419

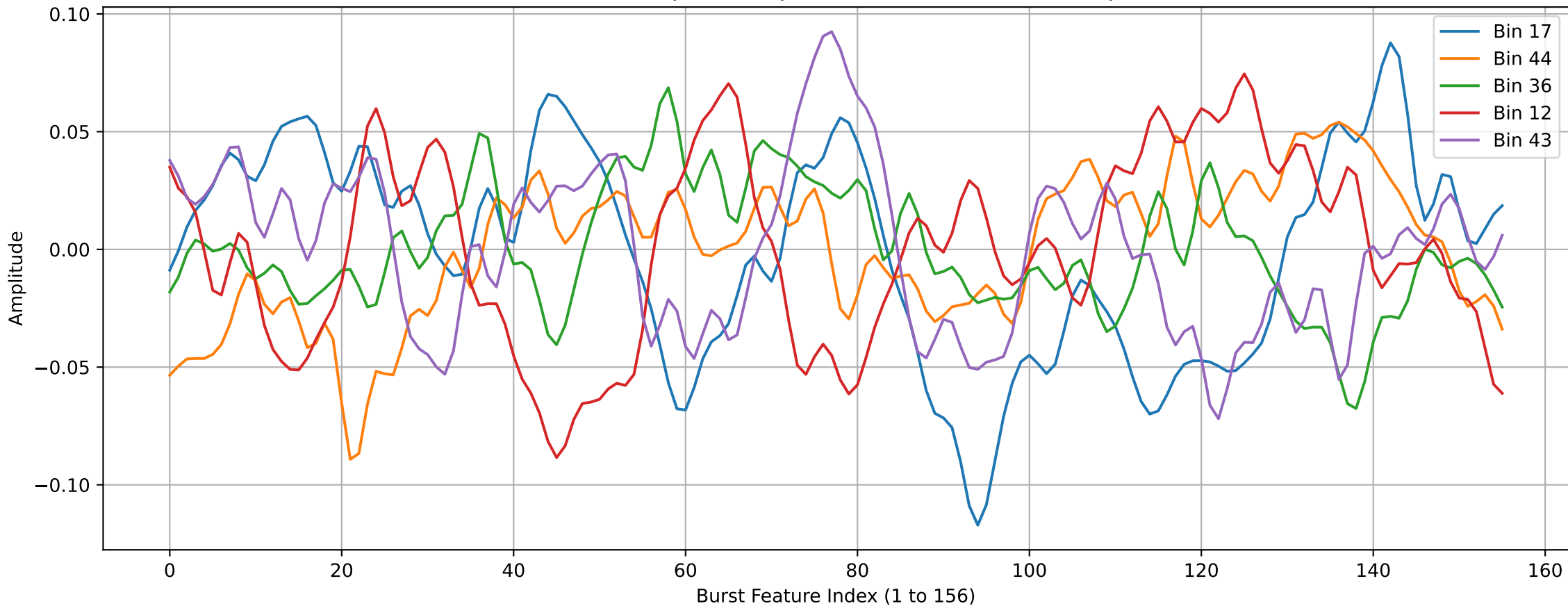


Attention Weights Across Time Bins (All Test Samples)

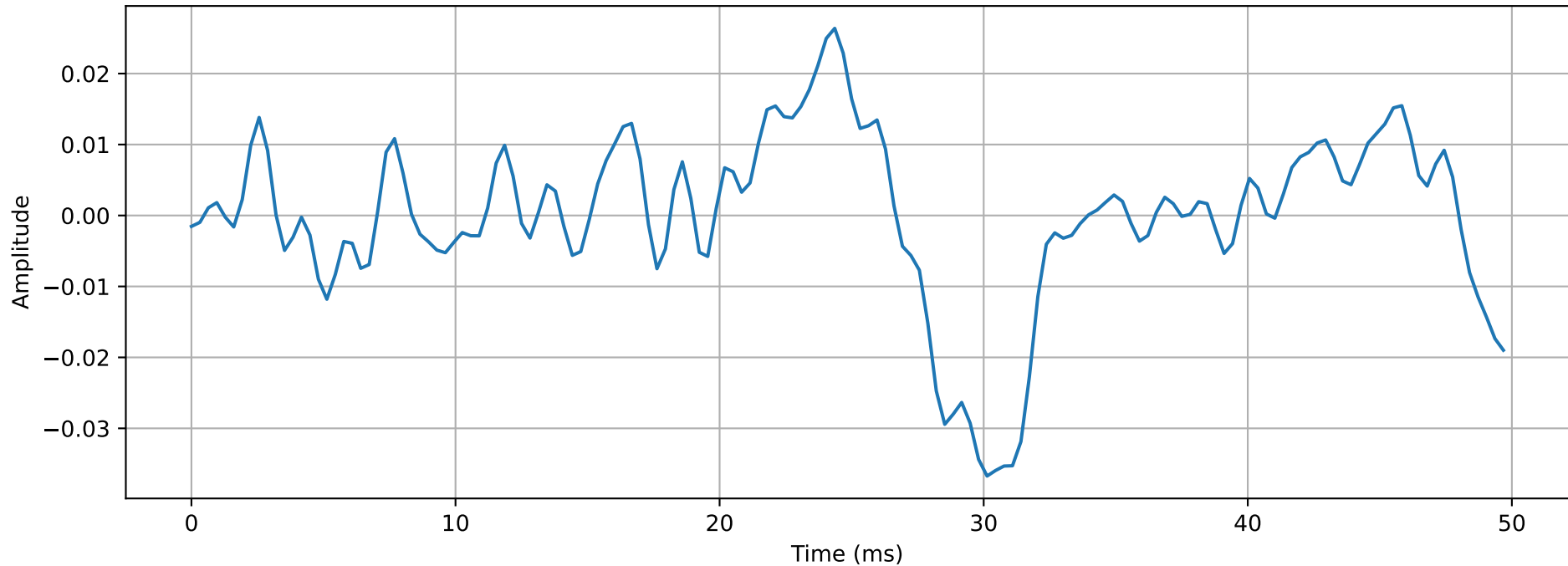




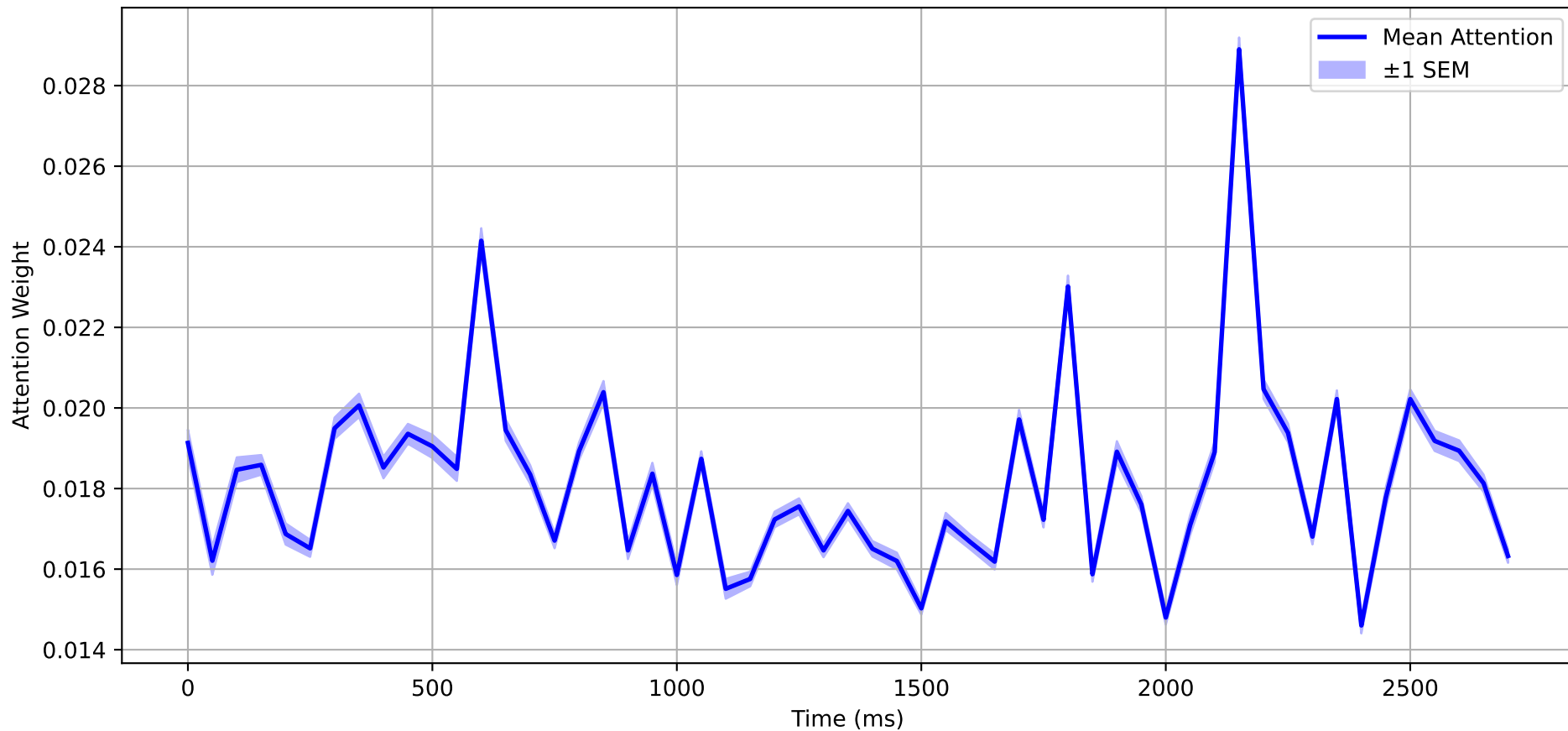
Waveform Shapes for Top Attention Bins (All Test Samples)



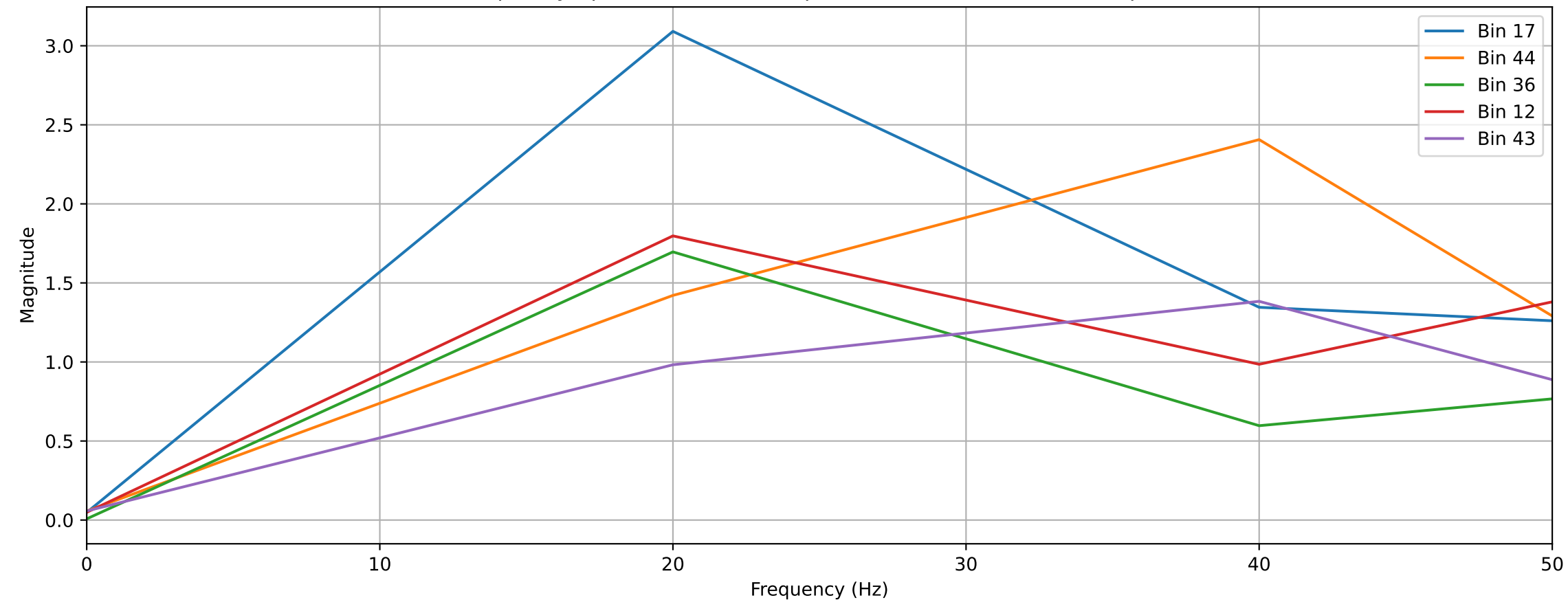
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean Attention Weights  $\pm$  Standard Error (All Test Samples)

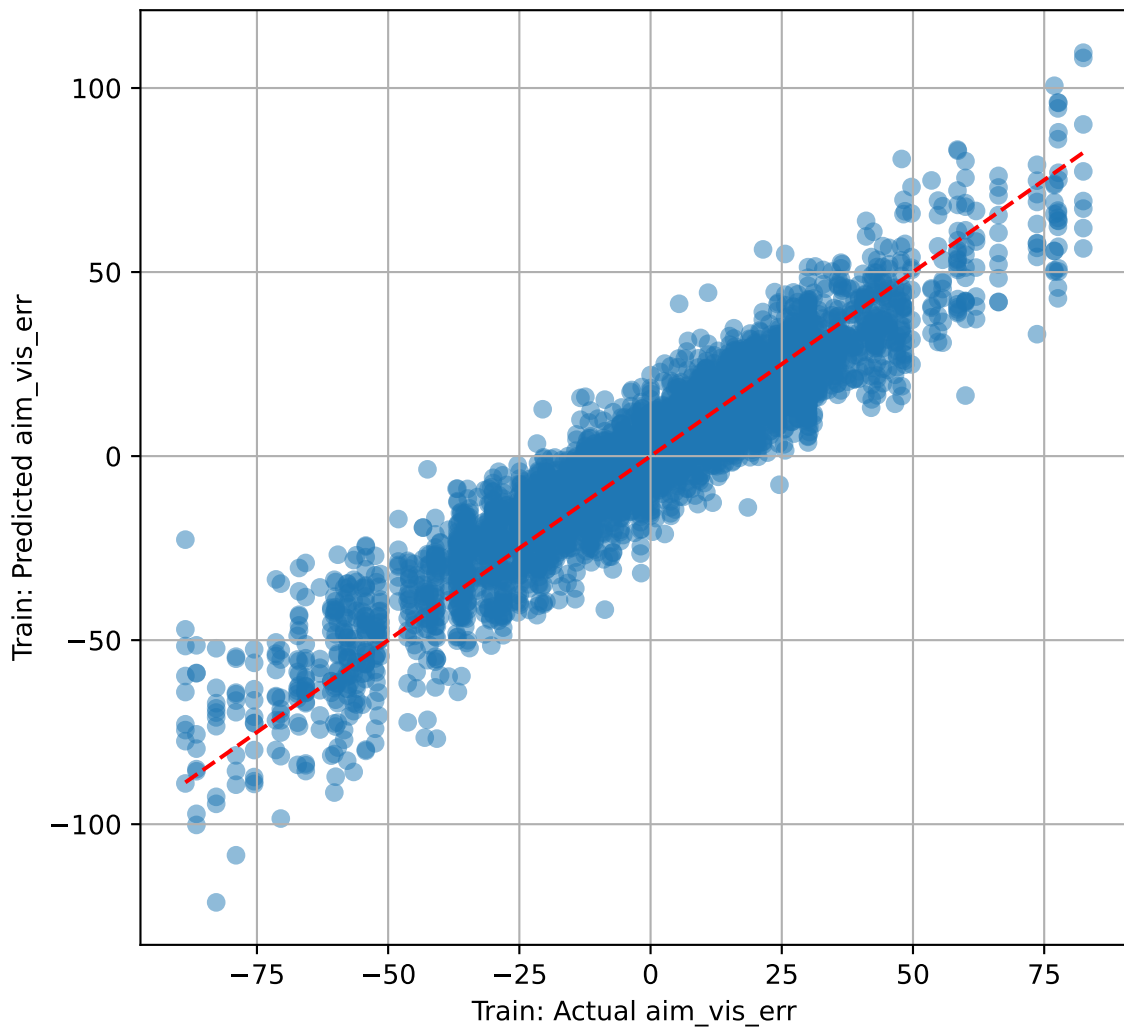


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

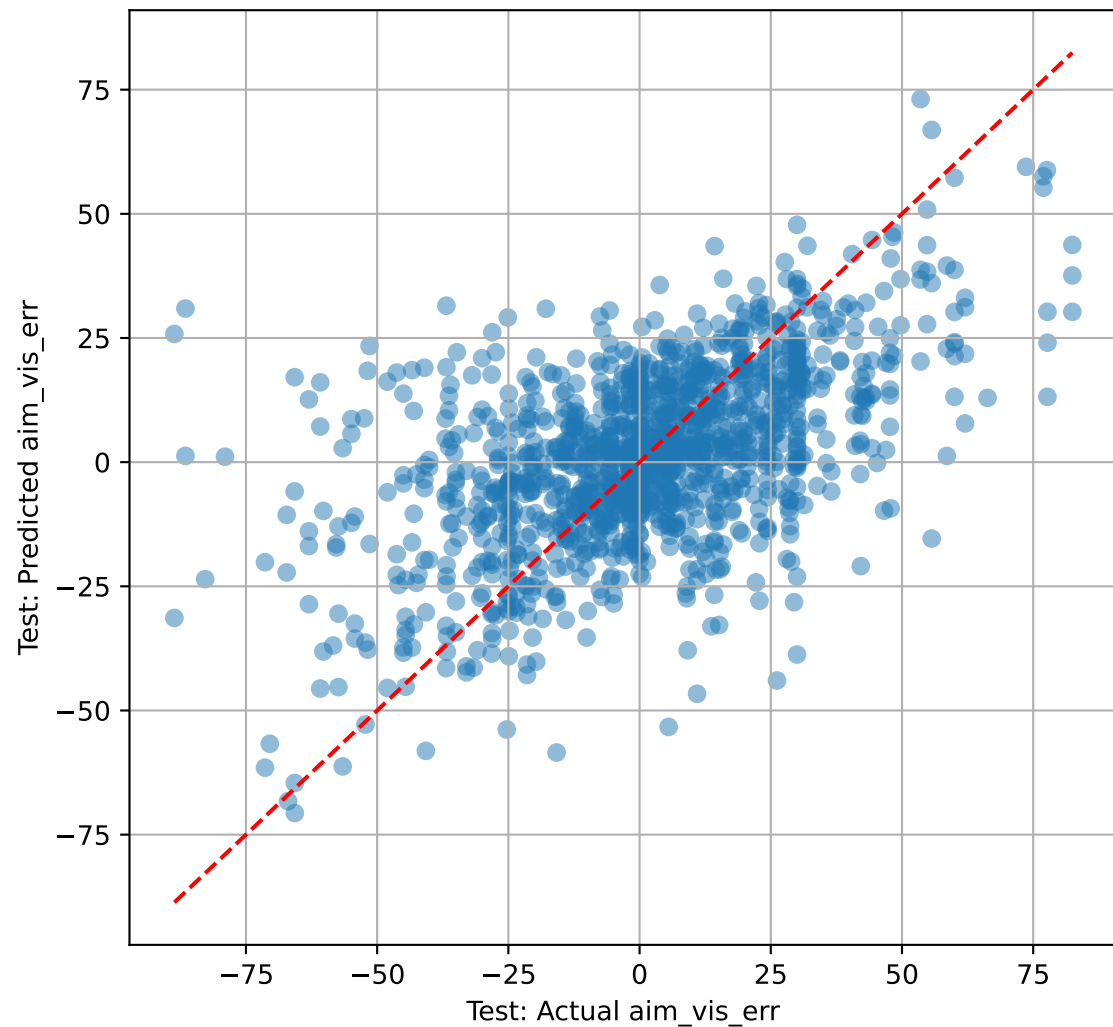


**aim\_vis\_err**

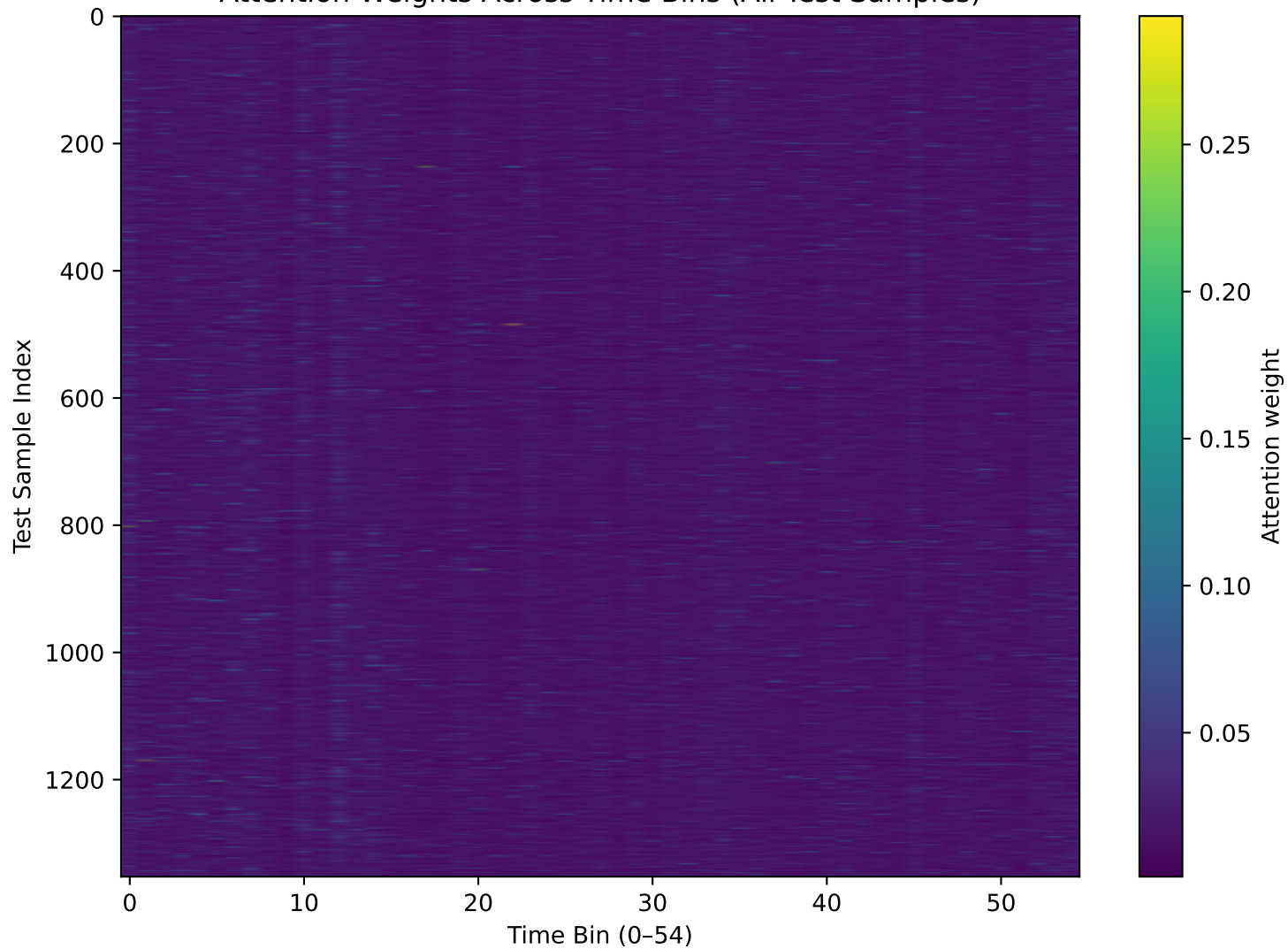
Train: Epoch 1500  
MSE: 0.1262, R2: 0.8759



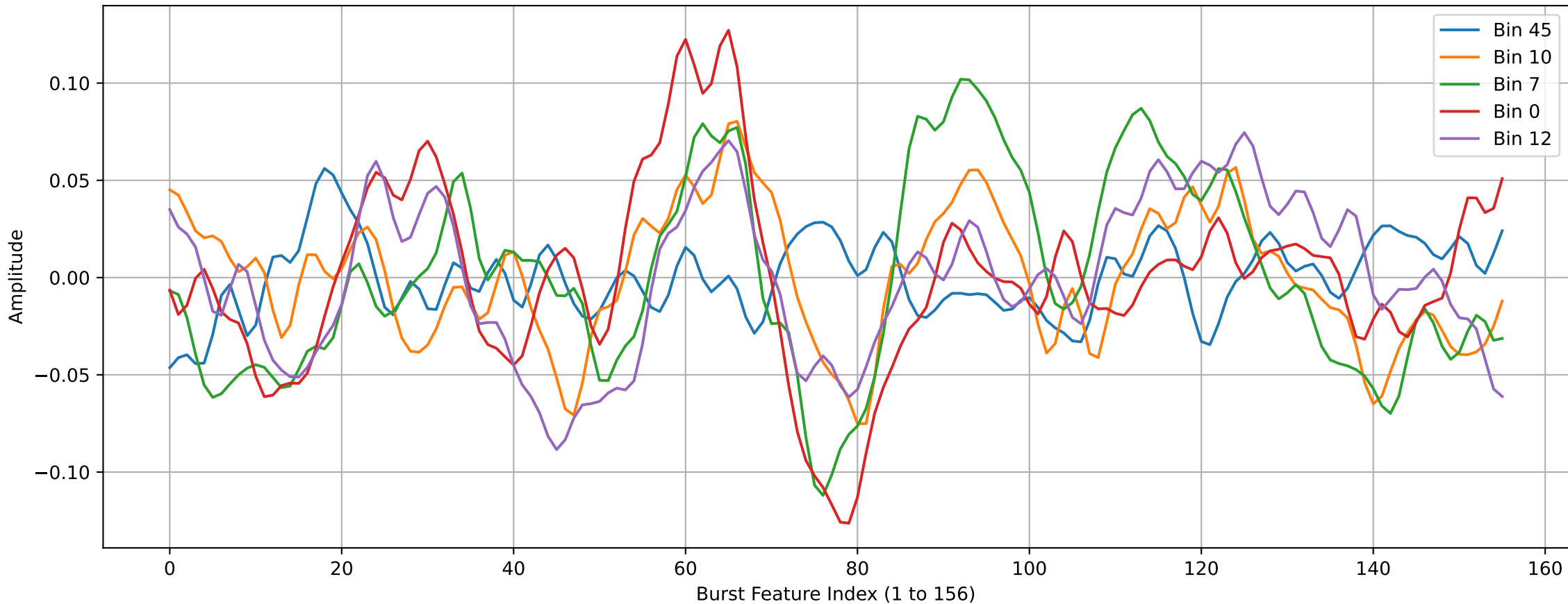
Test: Epoch 1500  
MSE: 0.6680, R2: 0.2824



Attention Weights Across Time Bins (All Test Samples)

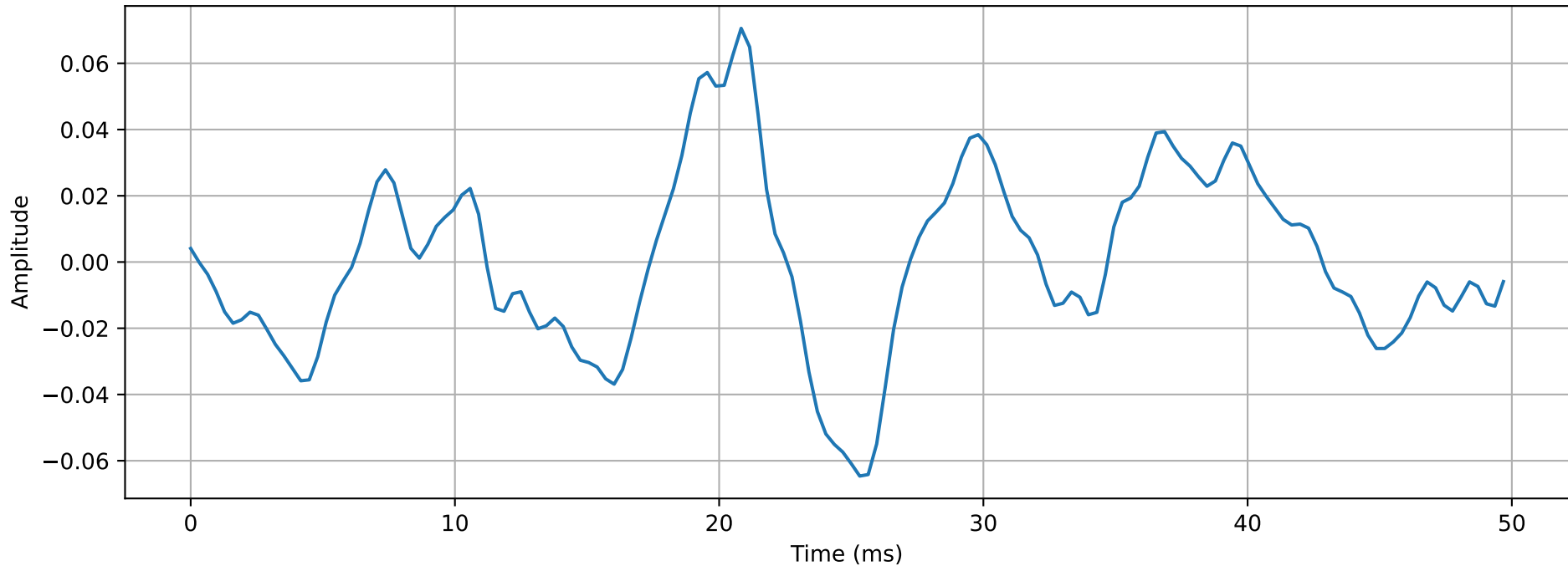


Waveform Shapes for Top Attention Bins (All Test Samples)

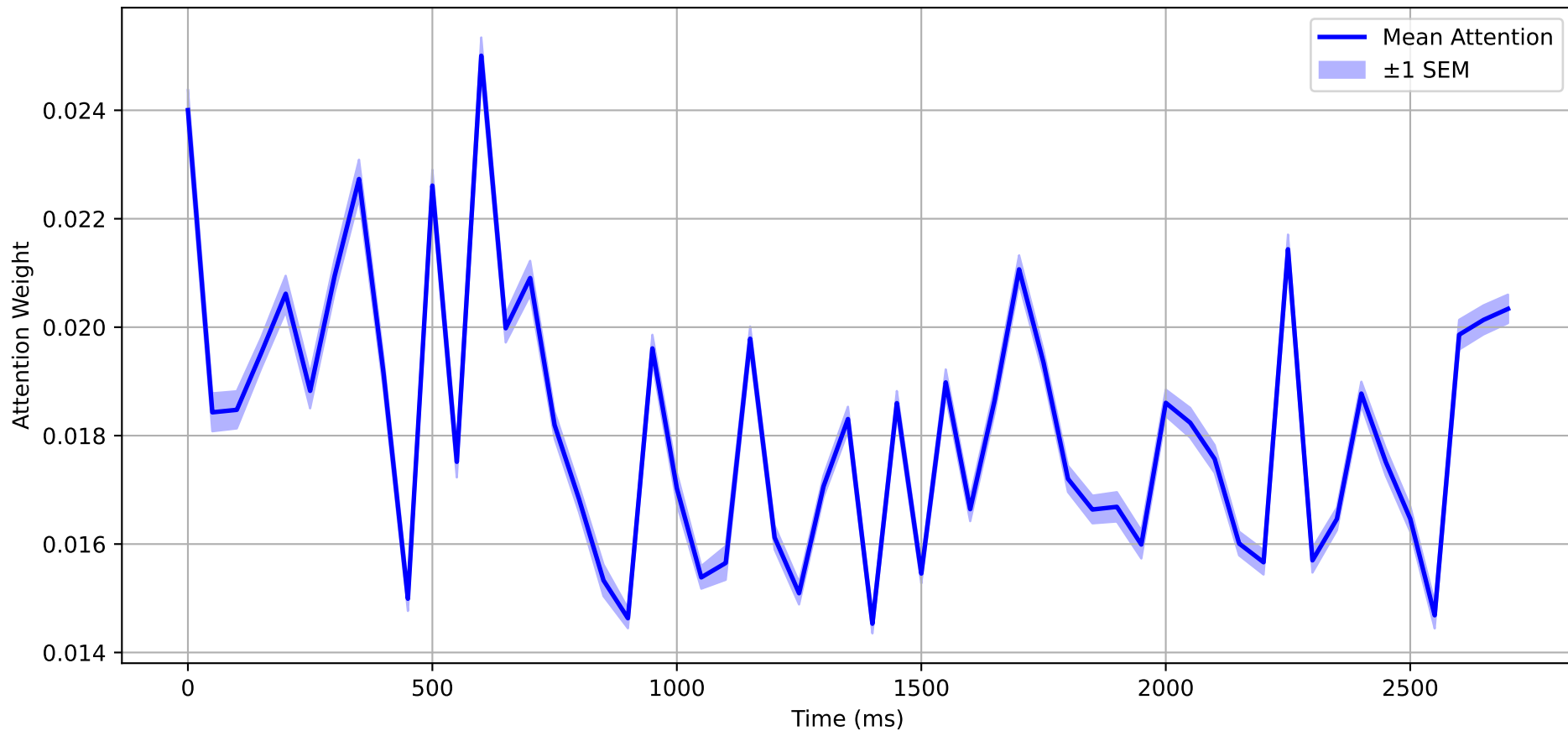




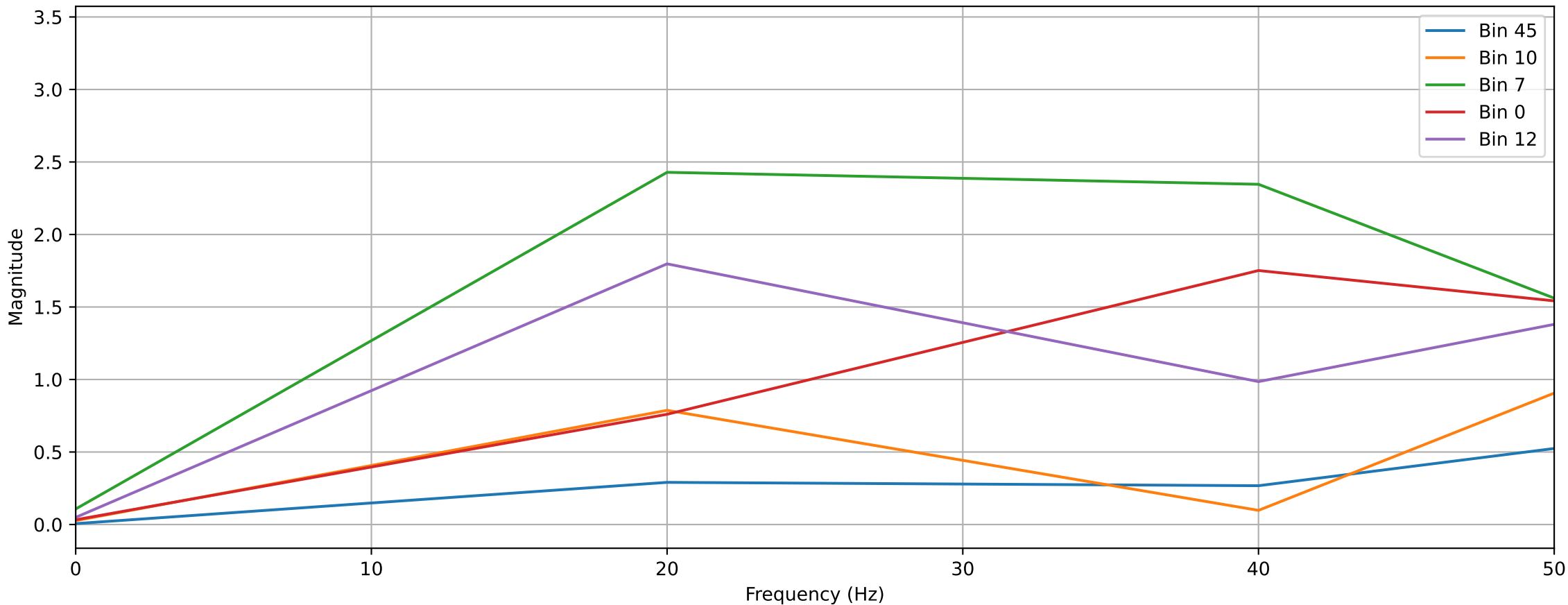
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean Attention Weights  $\pm$  Standard Error (All Test Samples)

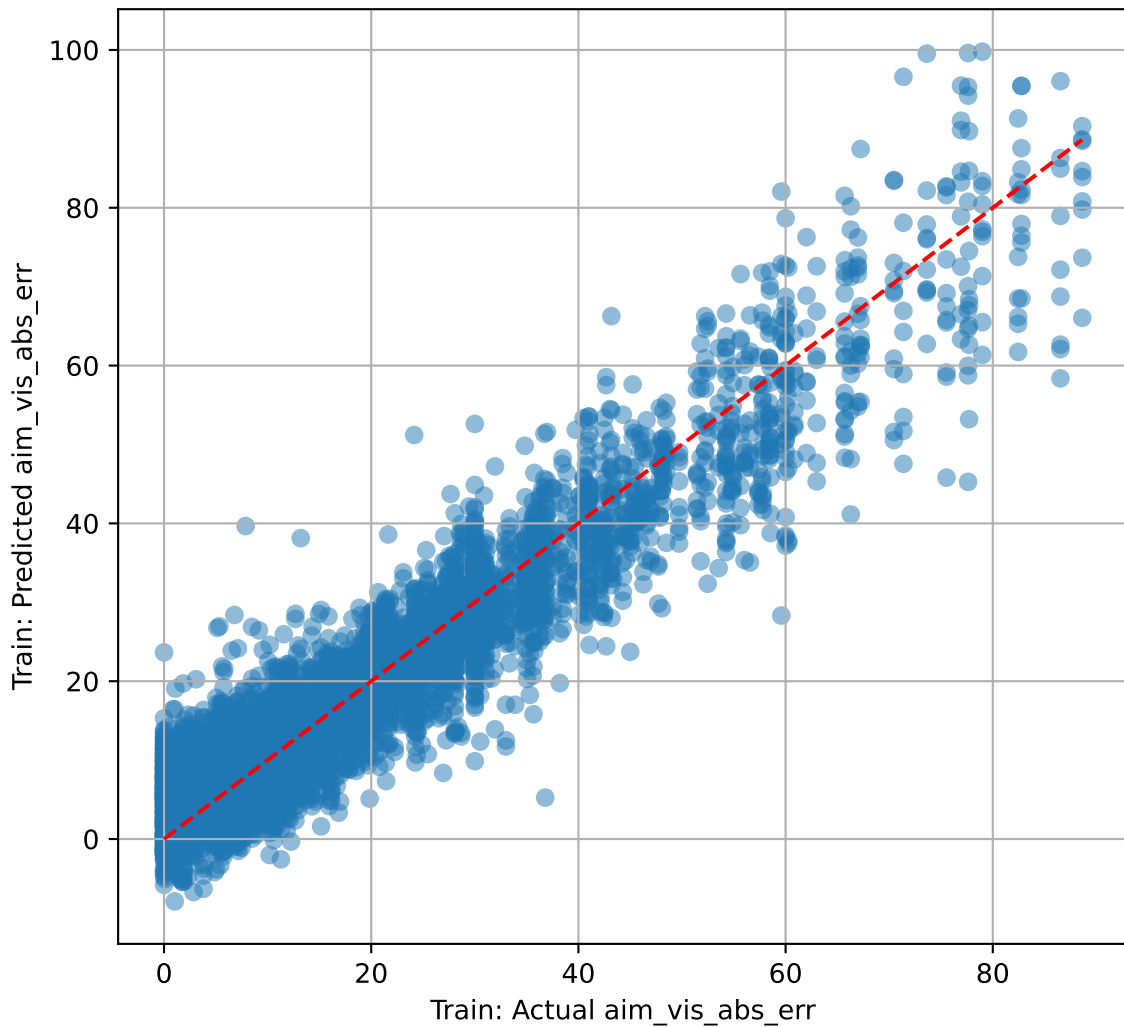


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

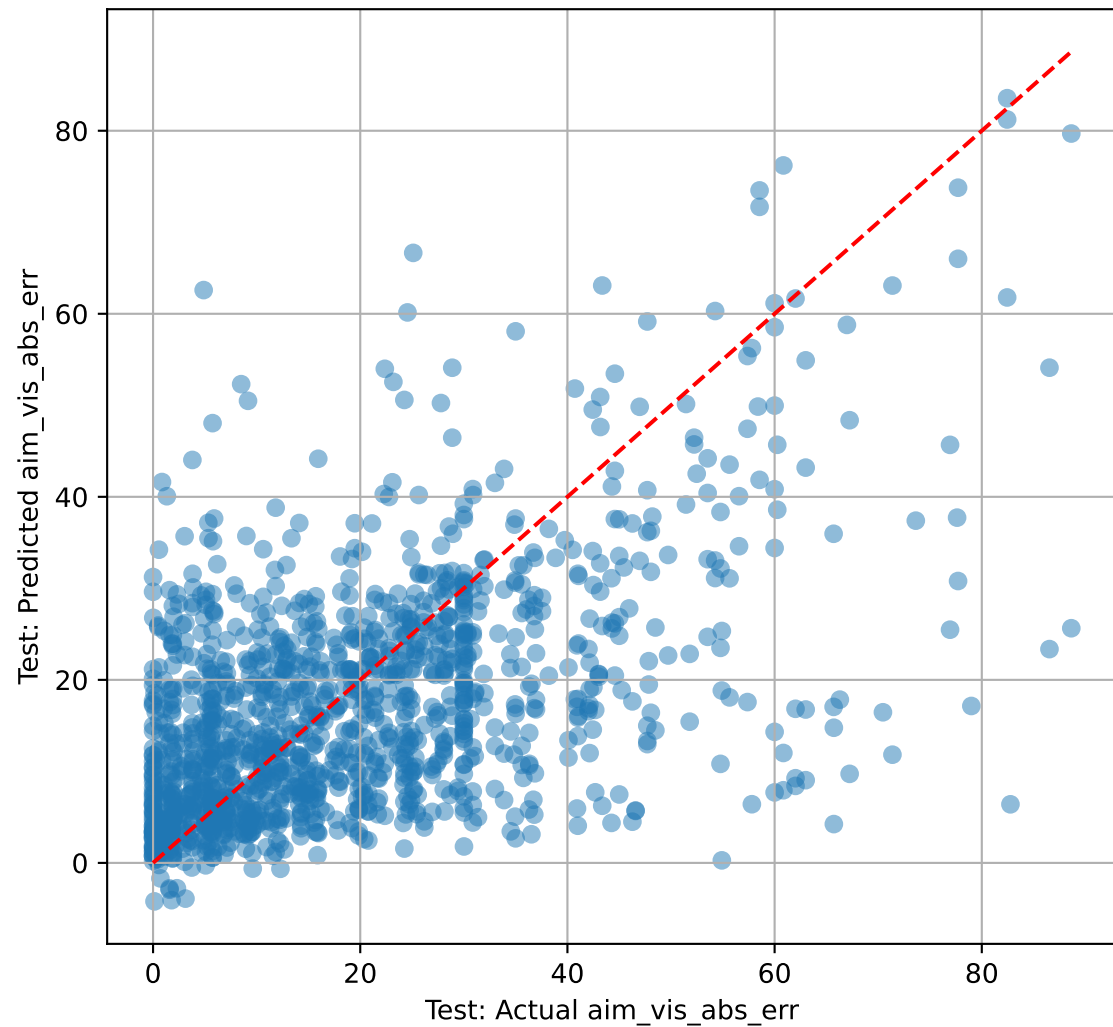


**aim\_vis\_abs\_err**

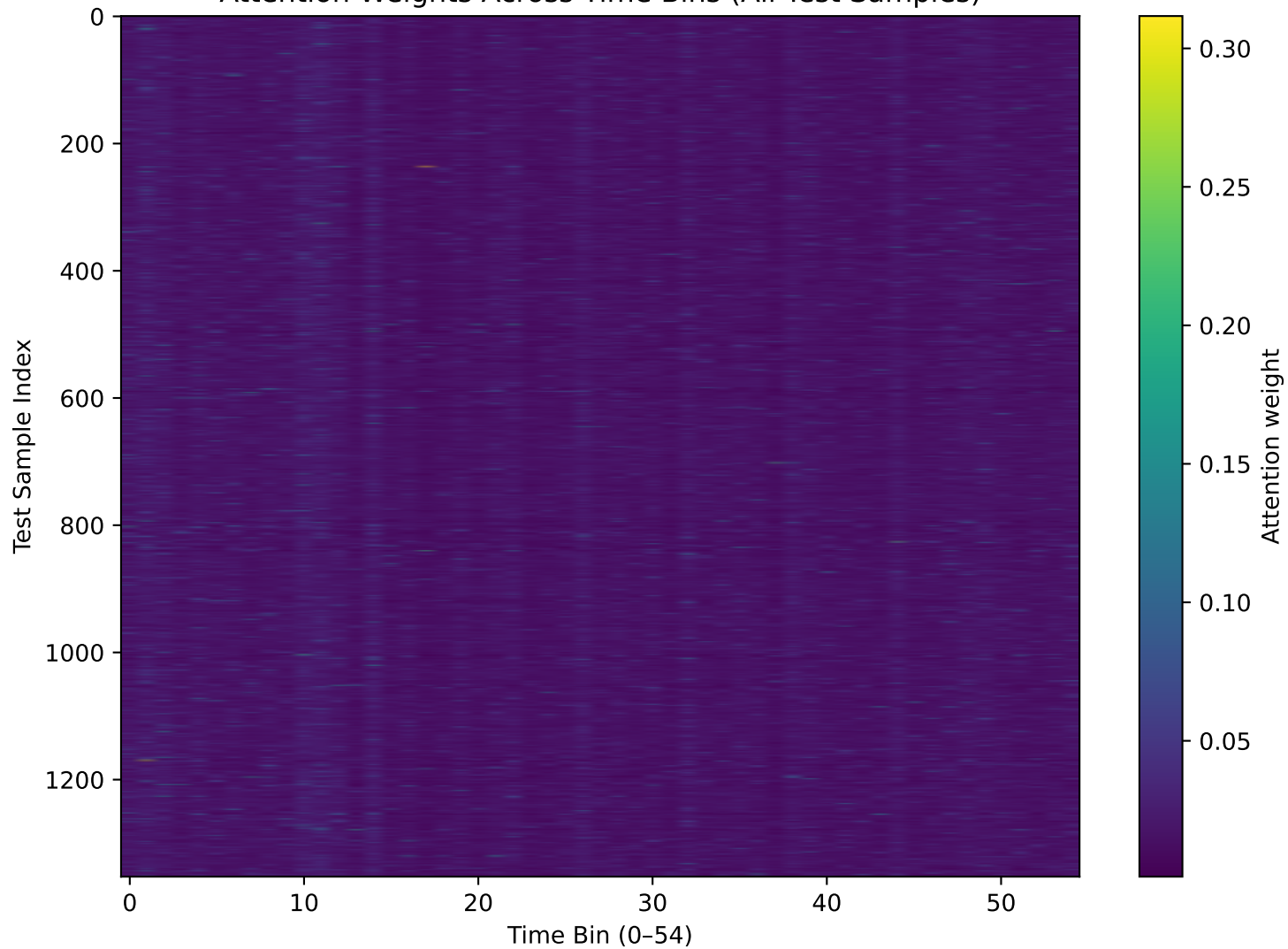
Train: Epoch 1500  
MSE: 0.1153, R2: 0.8866



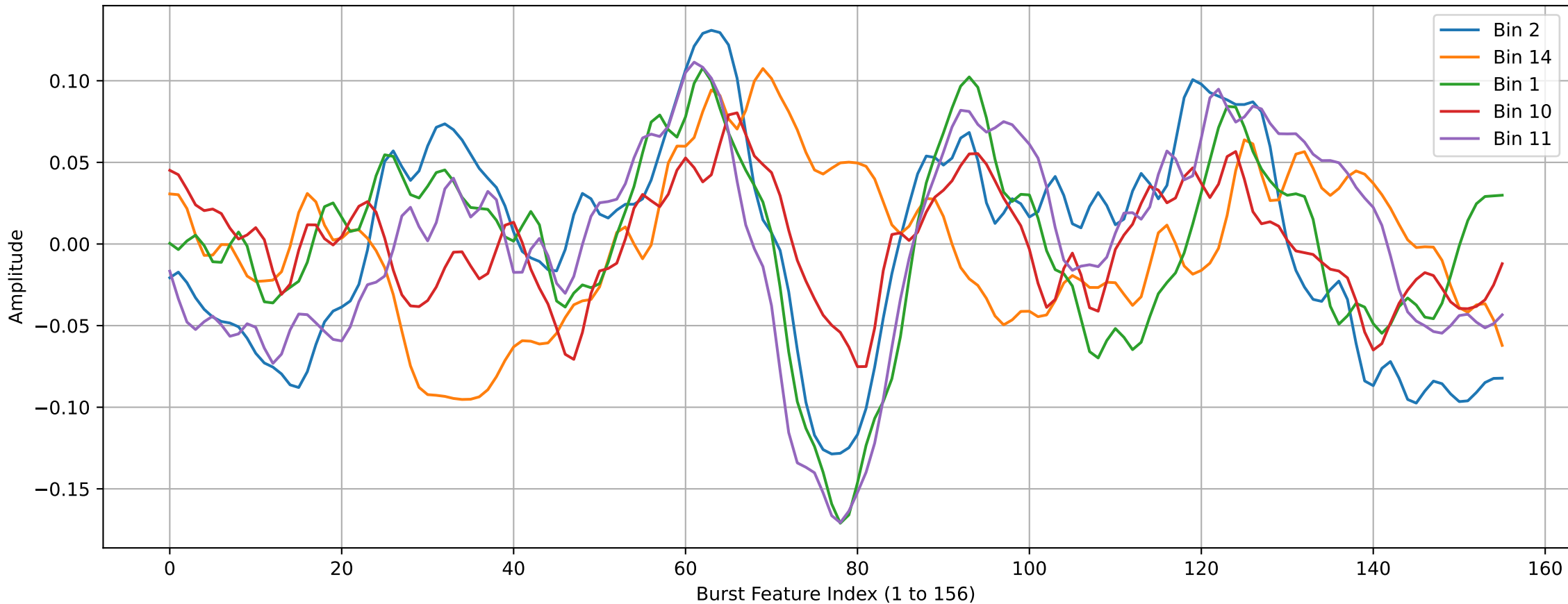
Test: Epoch 1500  
MSE: 0.7246, R2: 0.2209



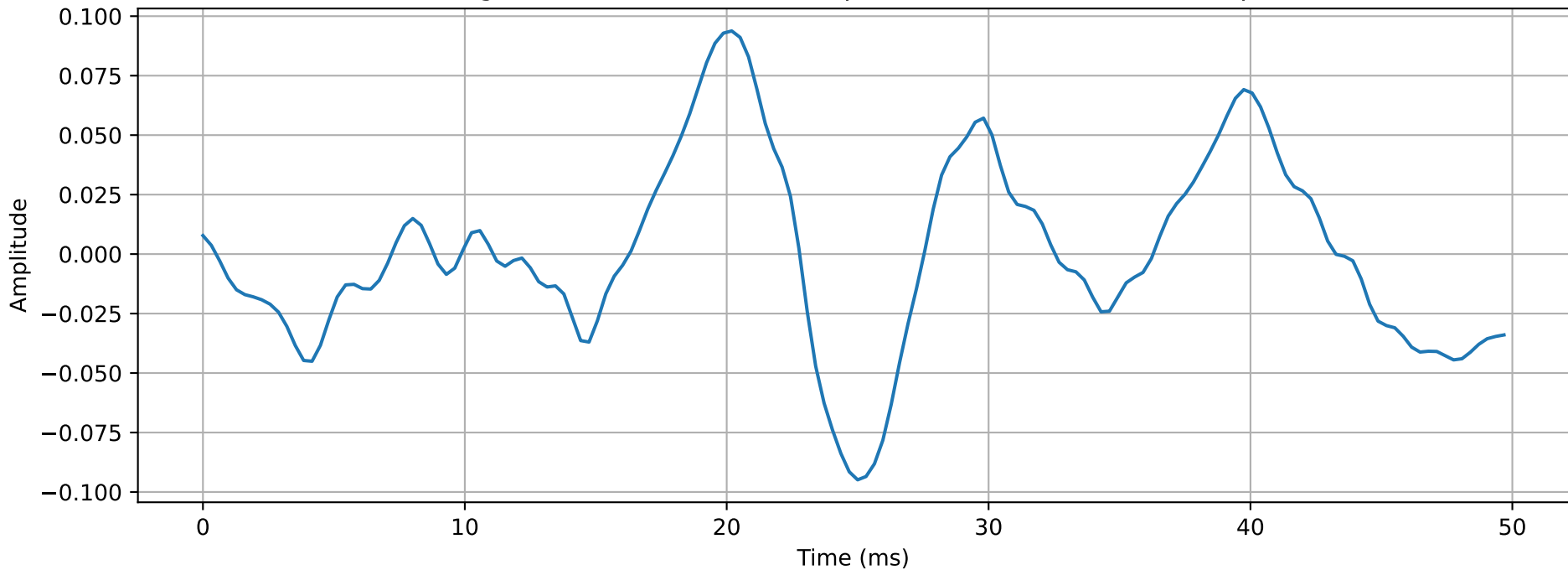
Attention Weights Across Time Bins (All Test Samples)



Waveform Shapes for Top Attention Bins (All Test Samples)

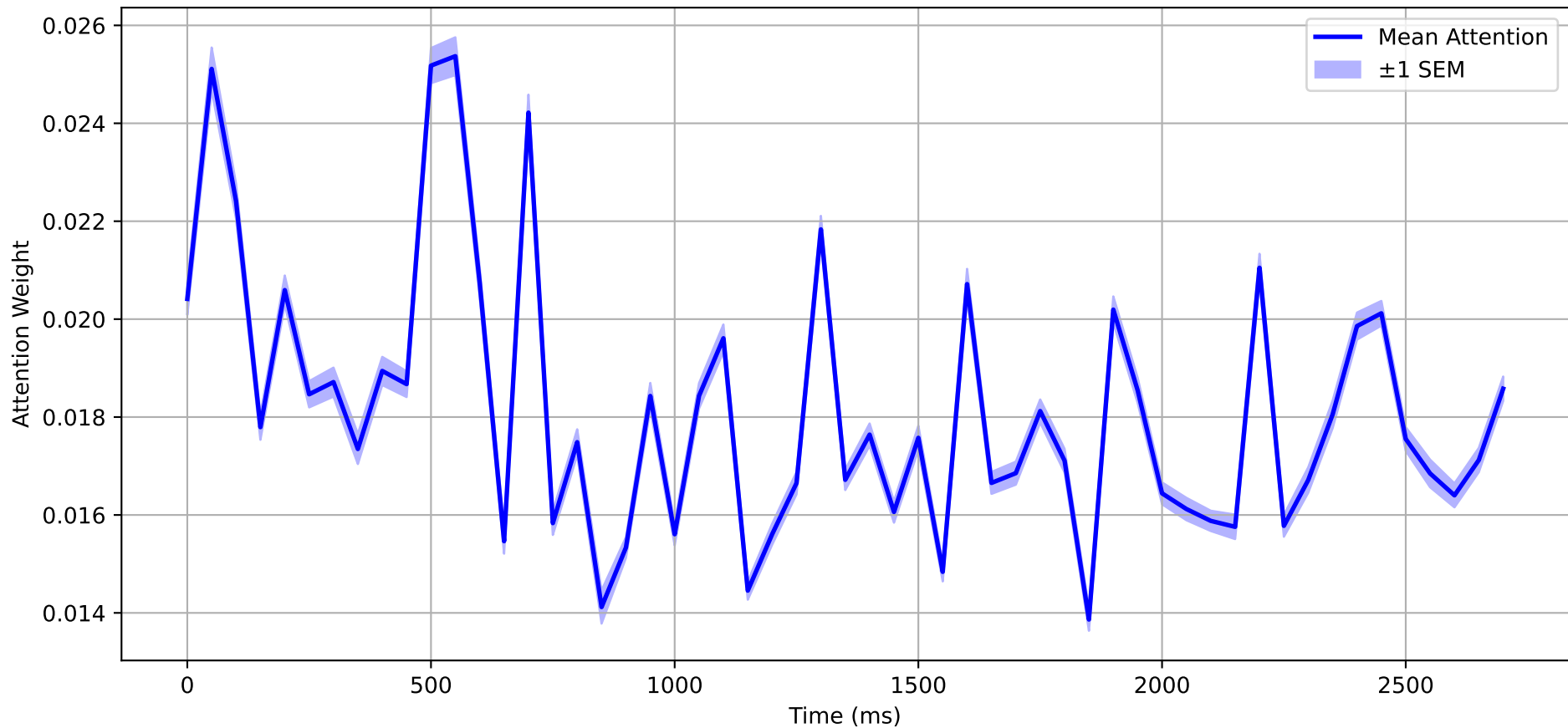


Average Burst Waveform from Top Attention Bins (All Test Samples)





Mean Attention Weights  $\pm$  Standard Error (All Test Samples)



Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

