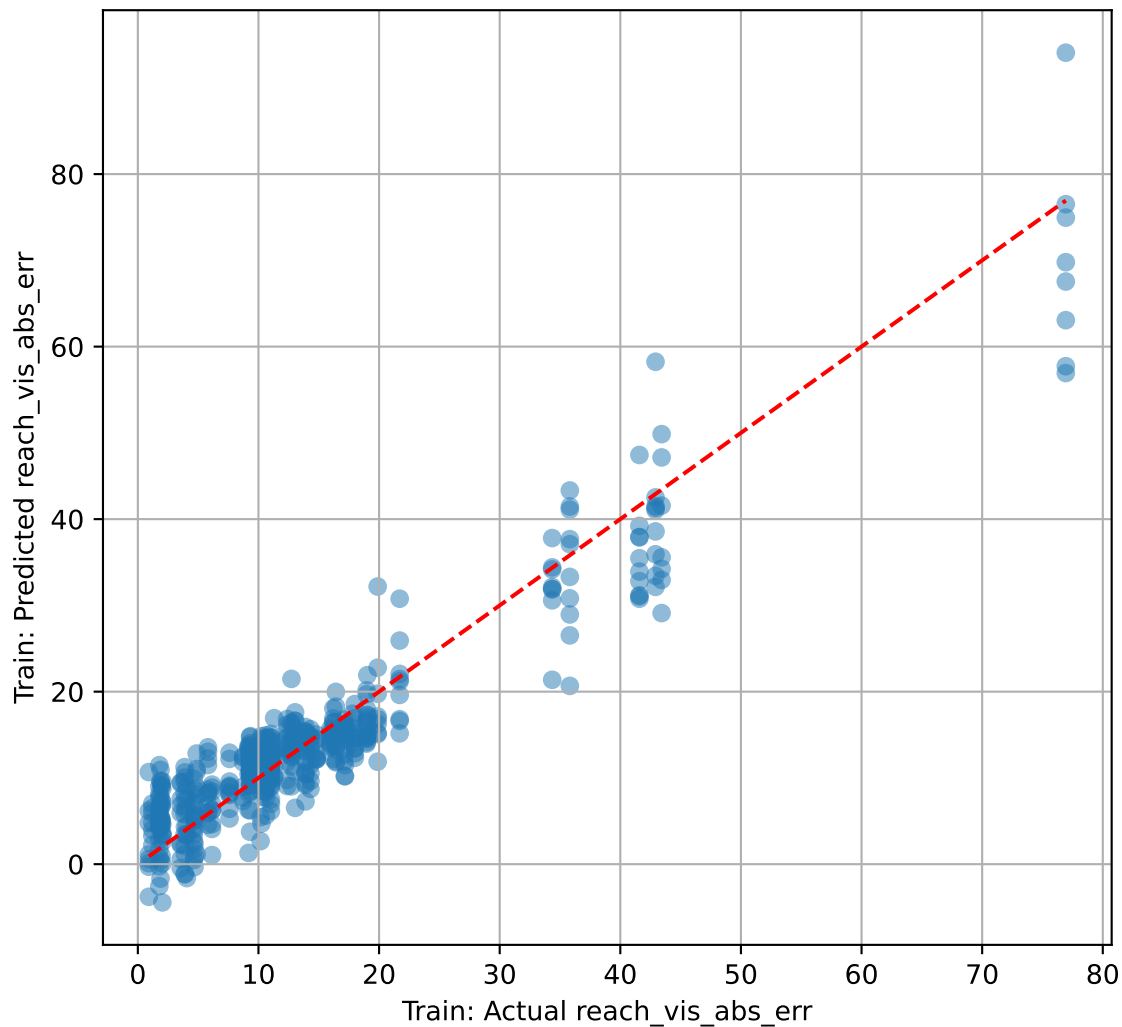


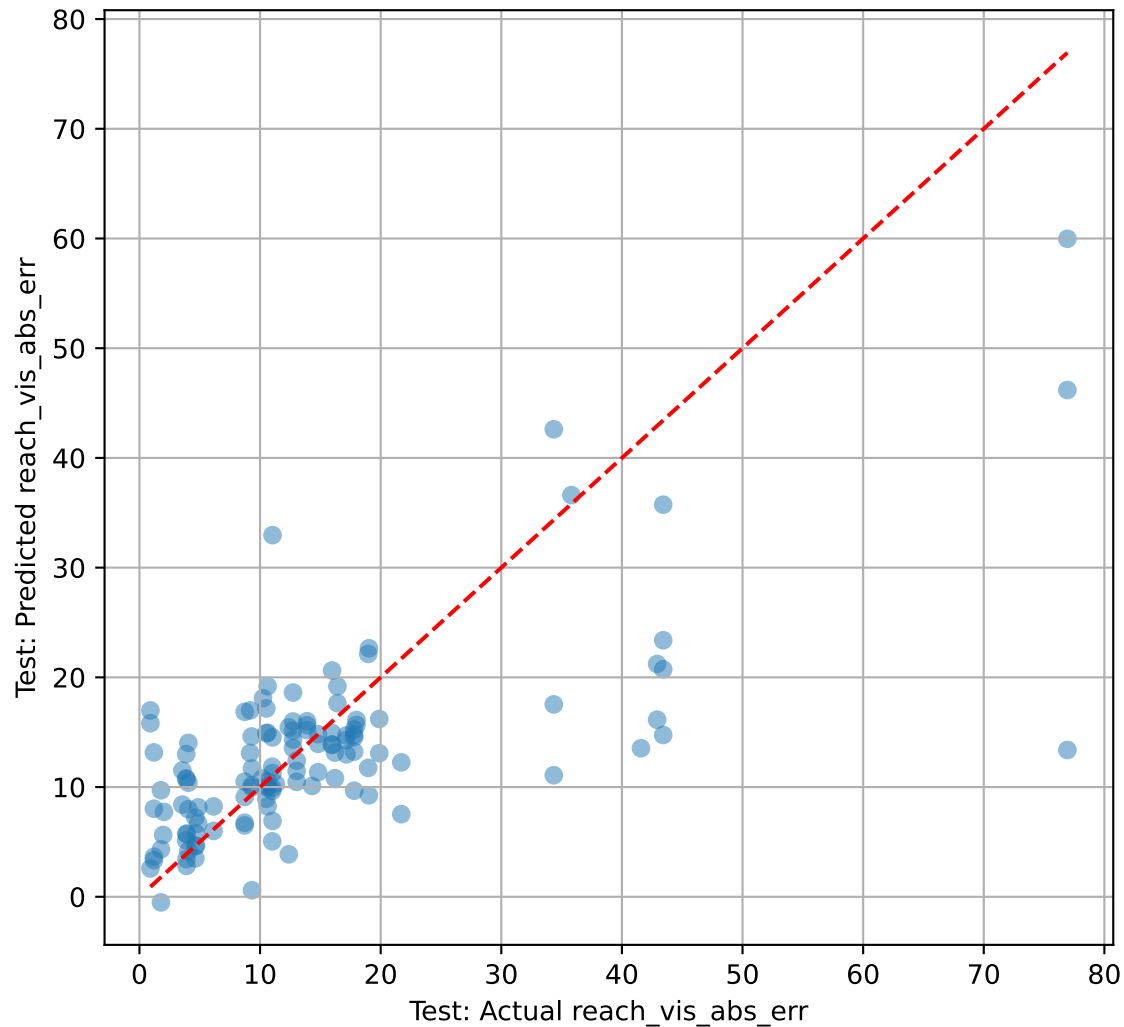
**reach\_vis\_abs\_err**

**sub-101**

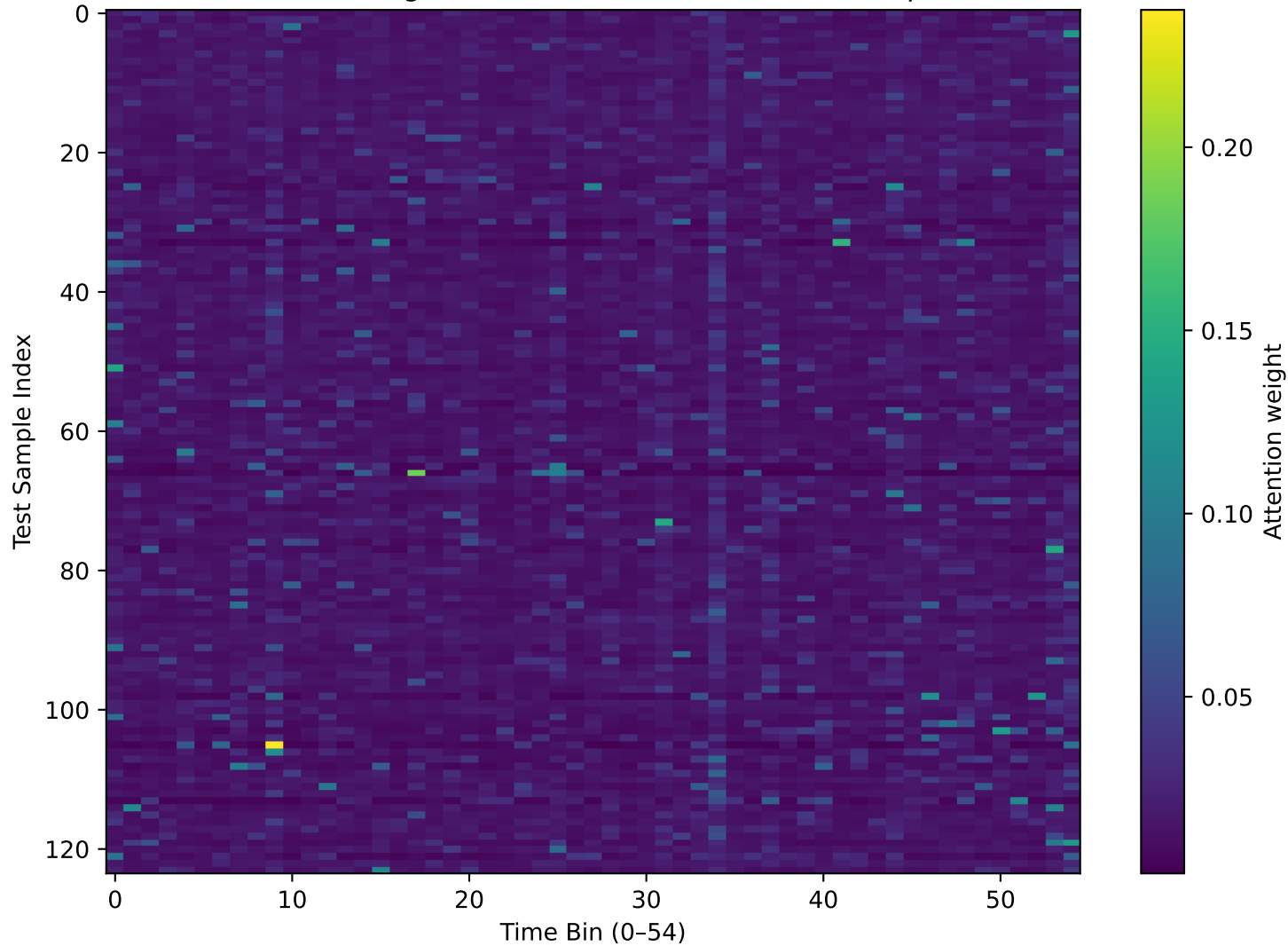
Train: Epoch 560  
MSE: 0.1055, R2: 0.8904



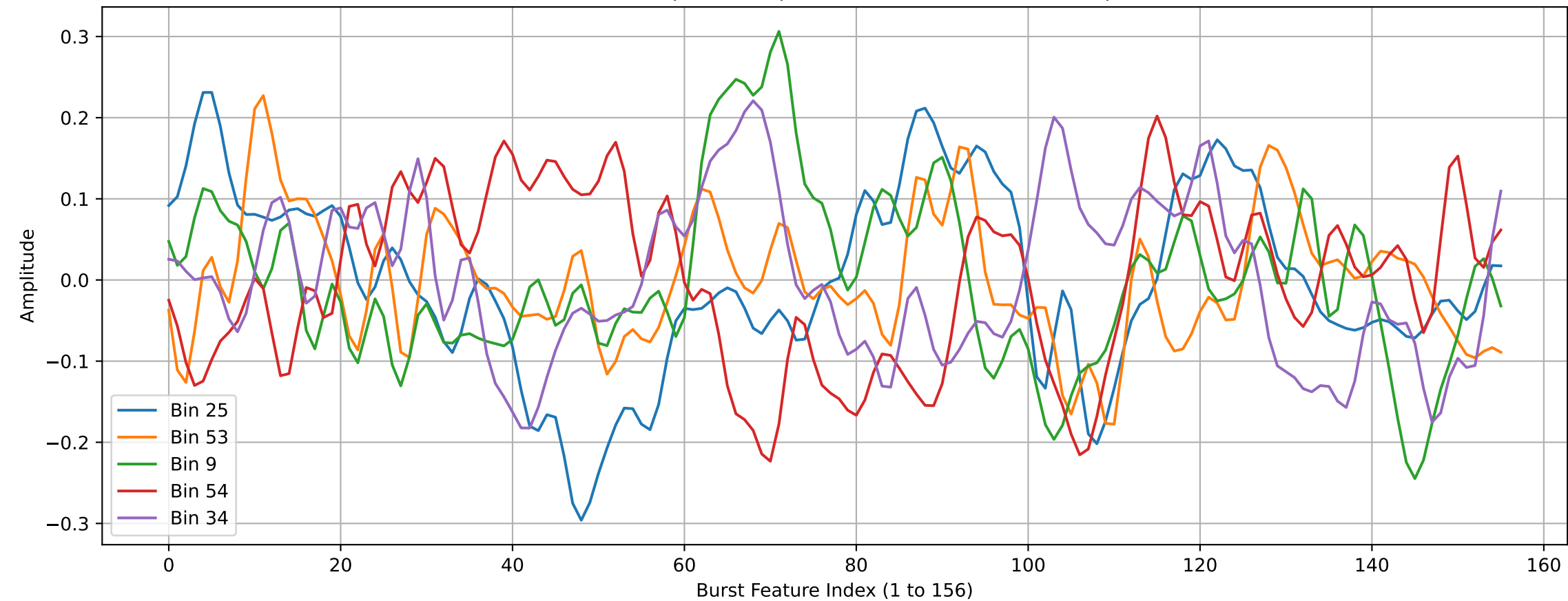
Val: Epoch 560  
MSE: 0.6167, R2: 0.4621



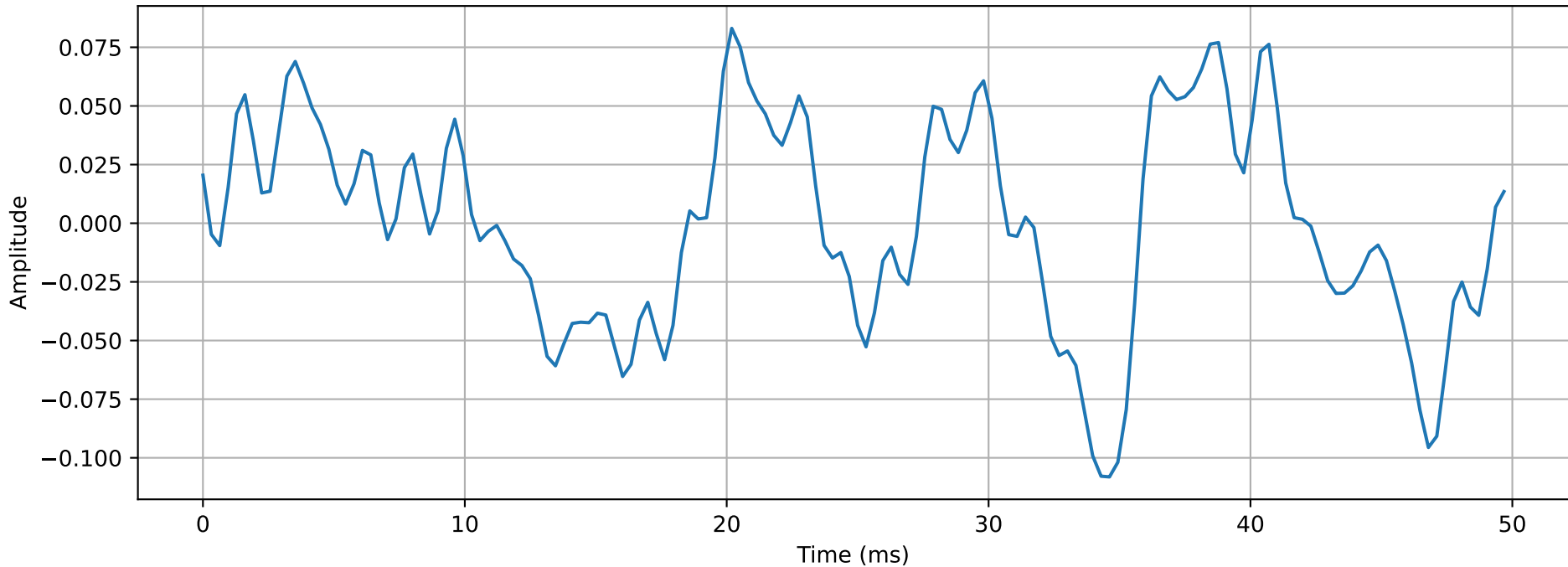
Attention Weights Across Time Bins (All Test Samples)



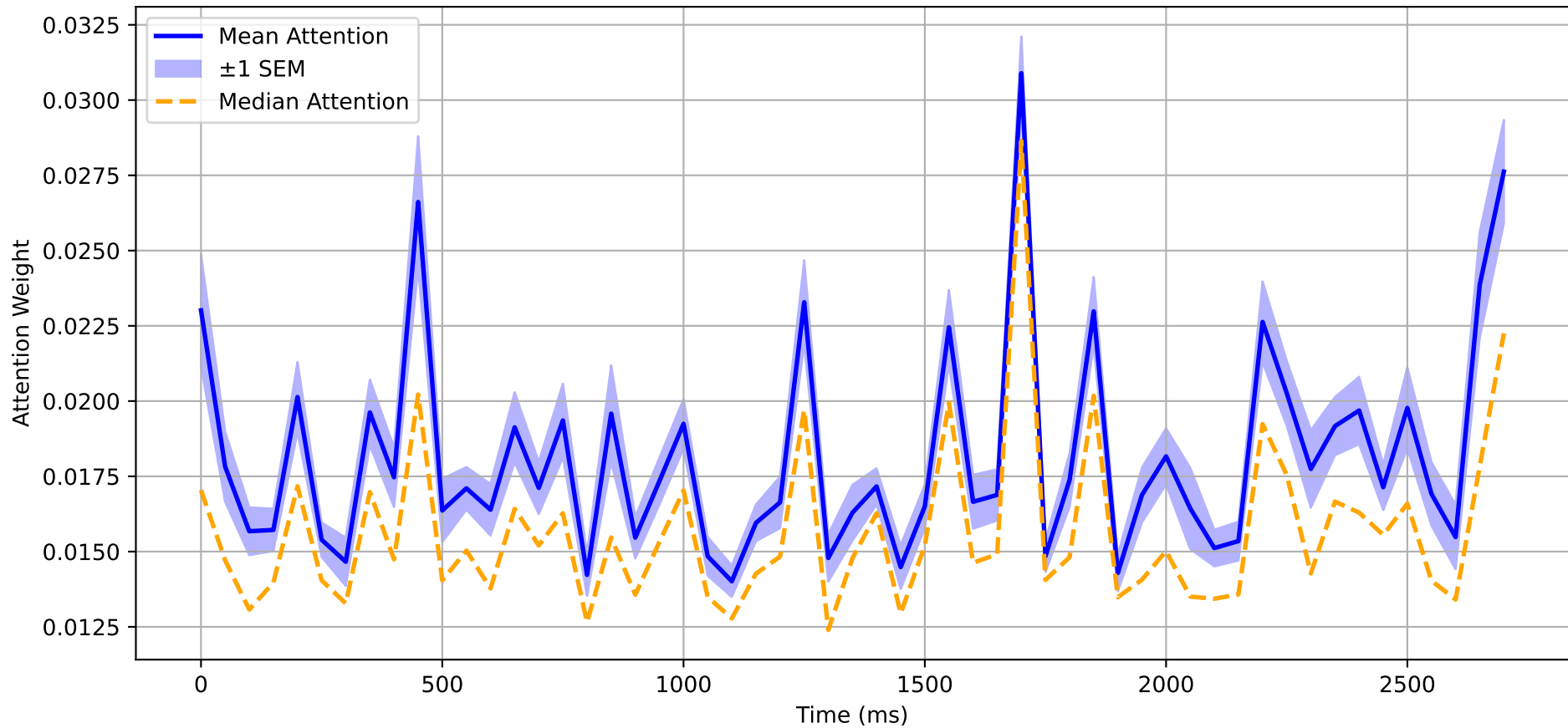
Waveform Shapes for Top Attention Bins (All Test Samples)



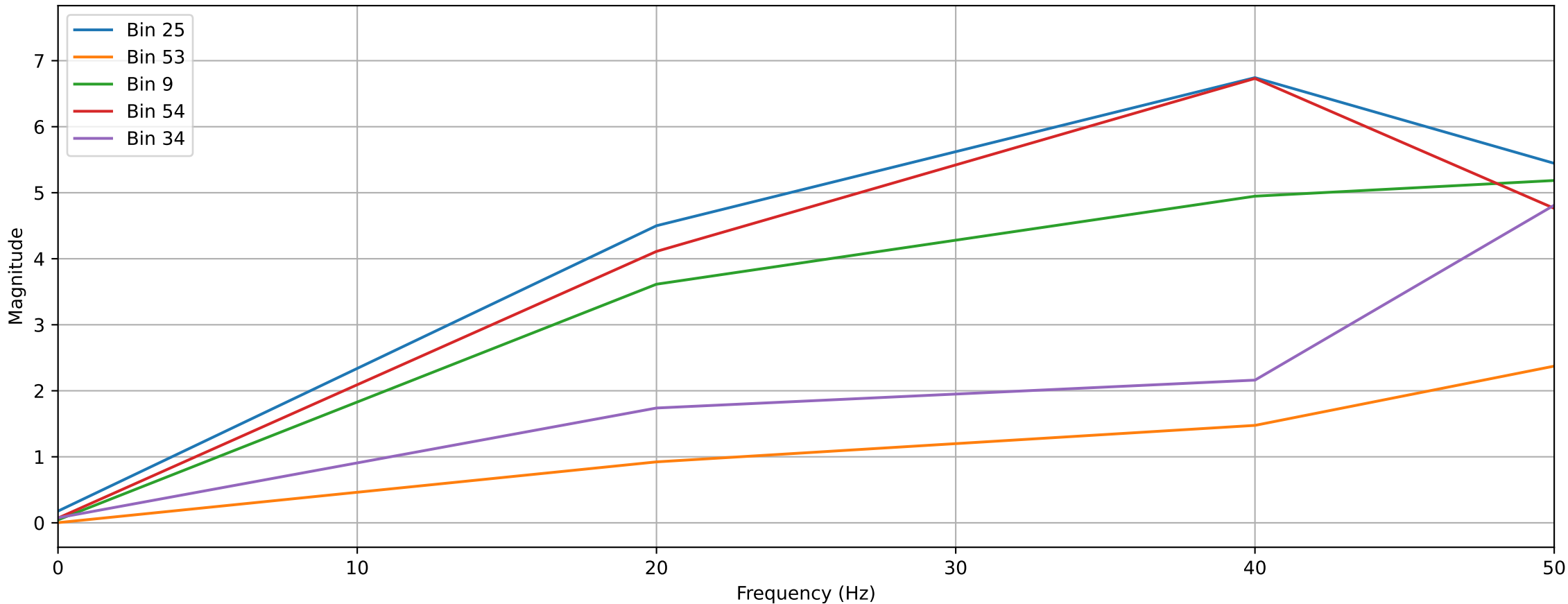
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)



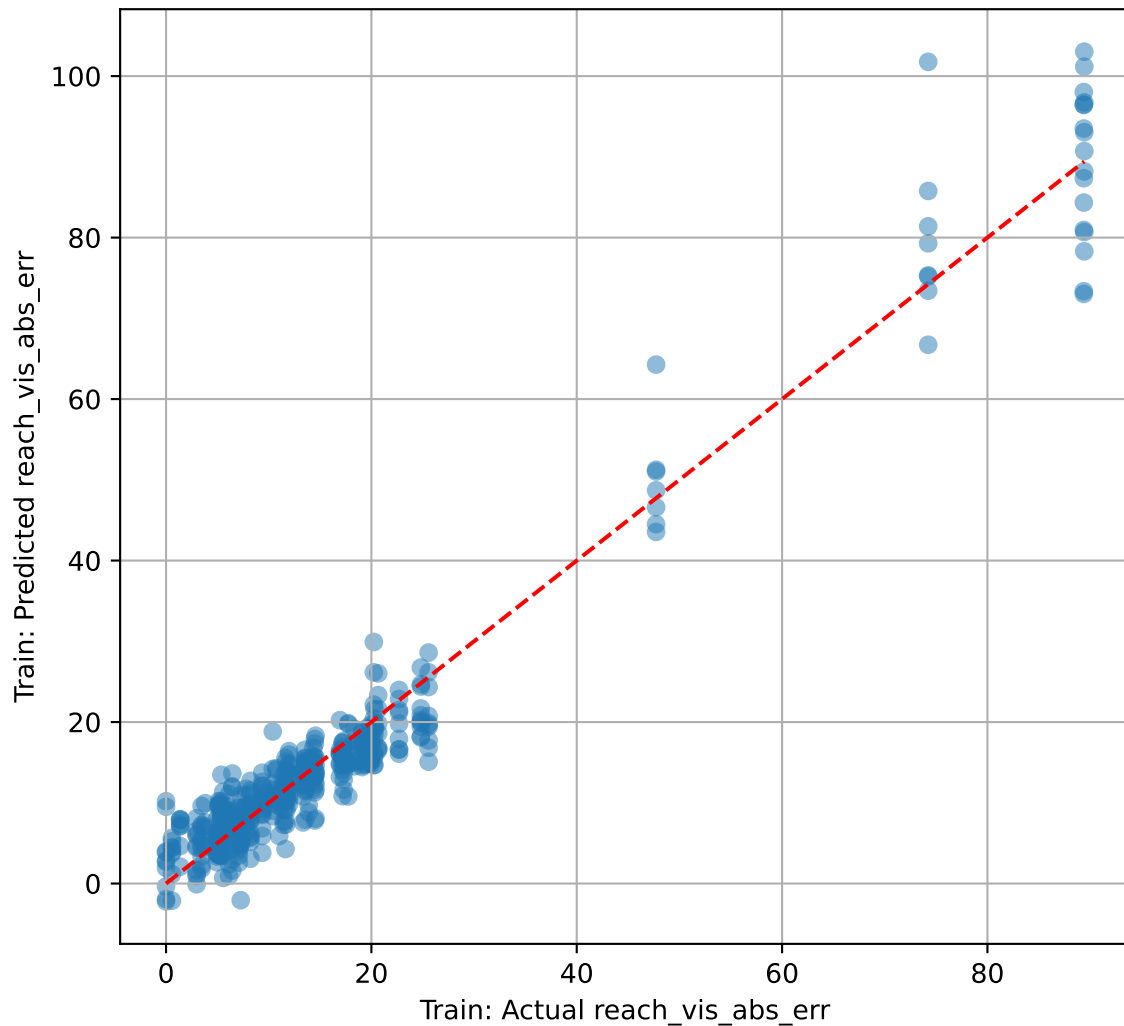
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



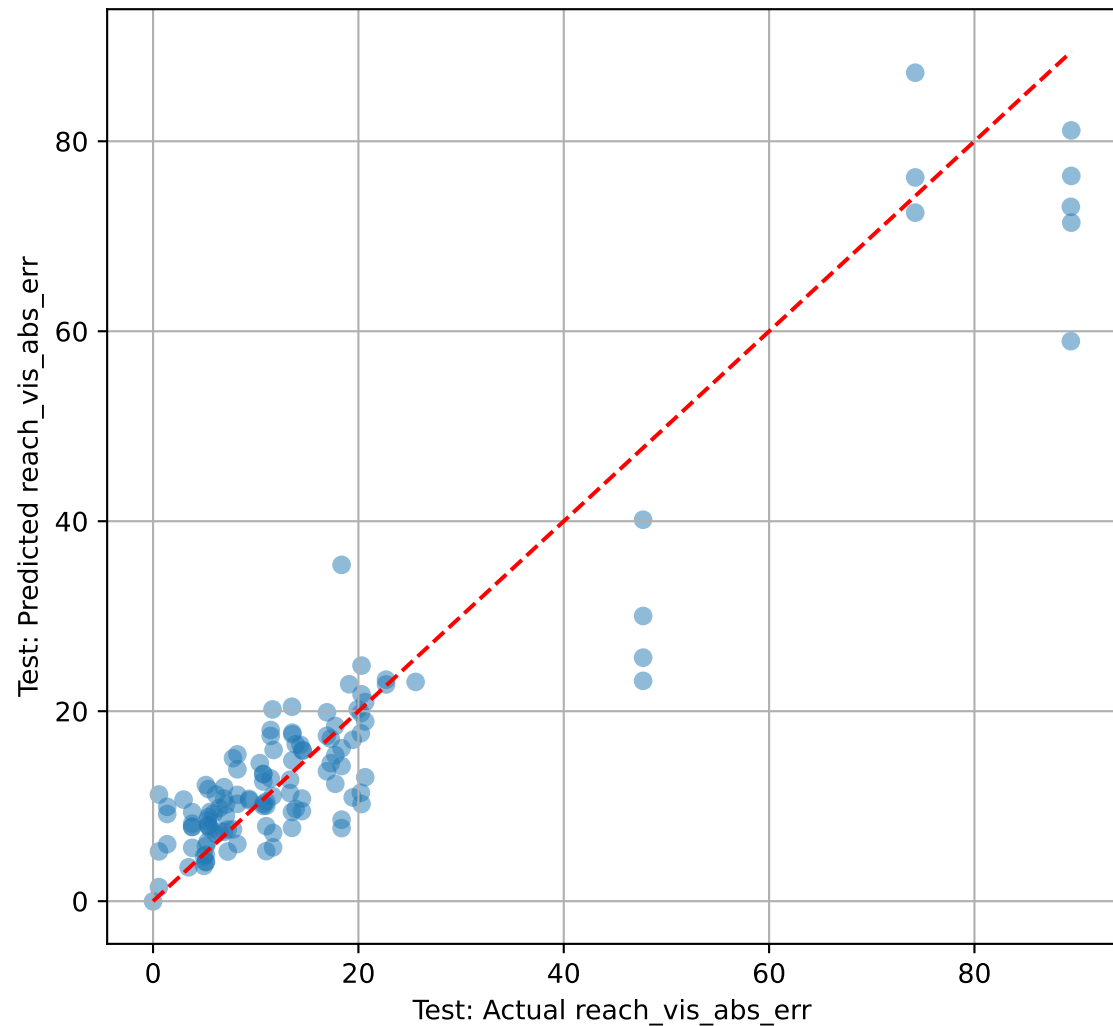


**sub-102**

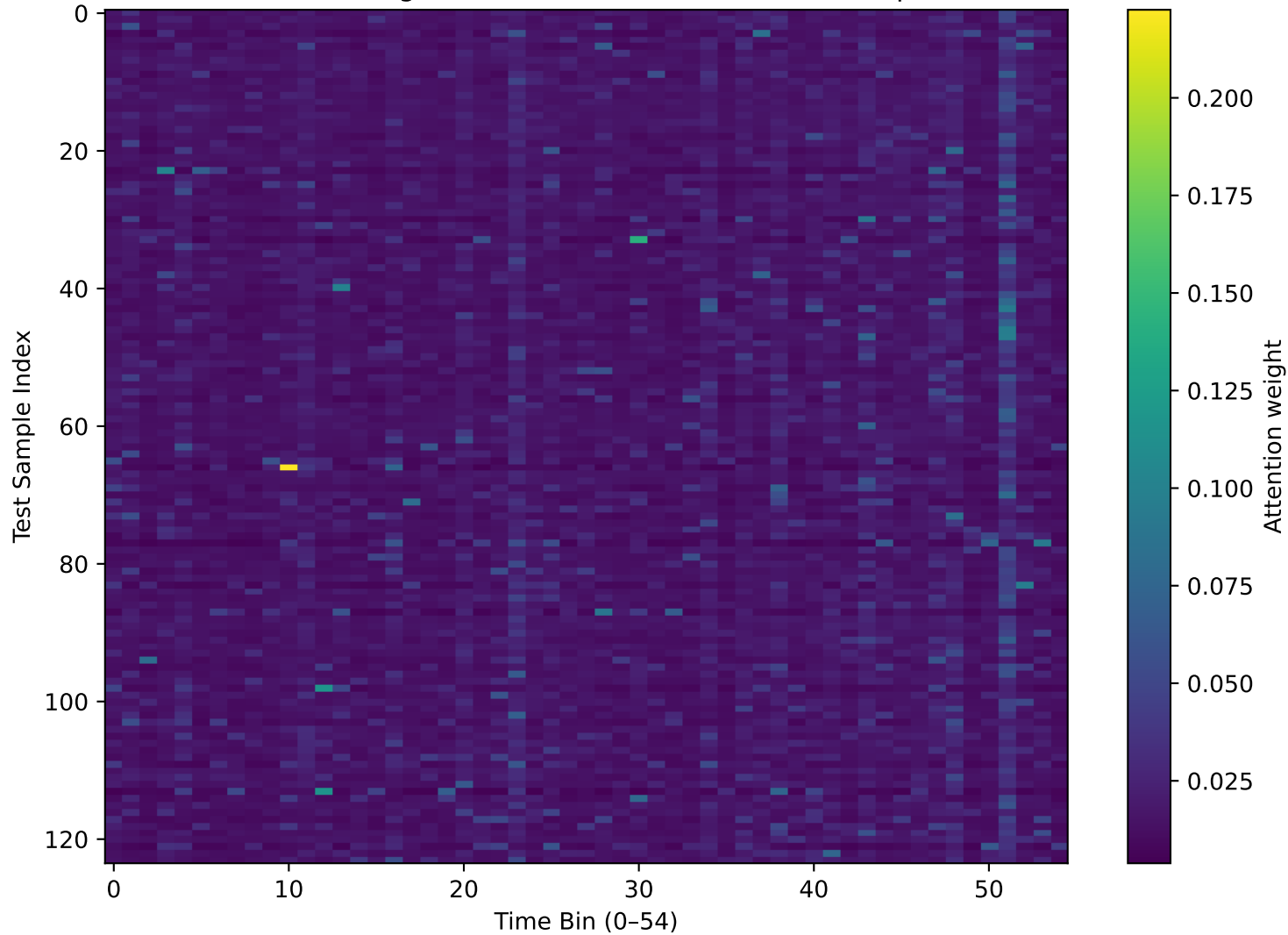
Train: Epoch 891  
MSE: 0.0446, R2: 0.9533



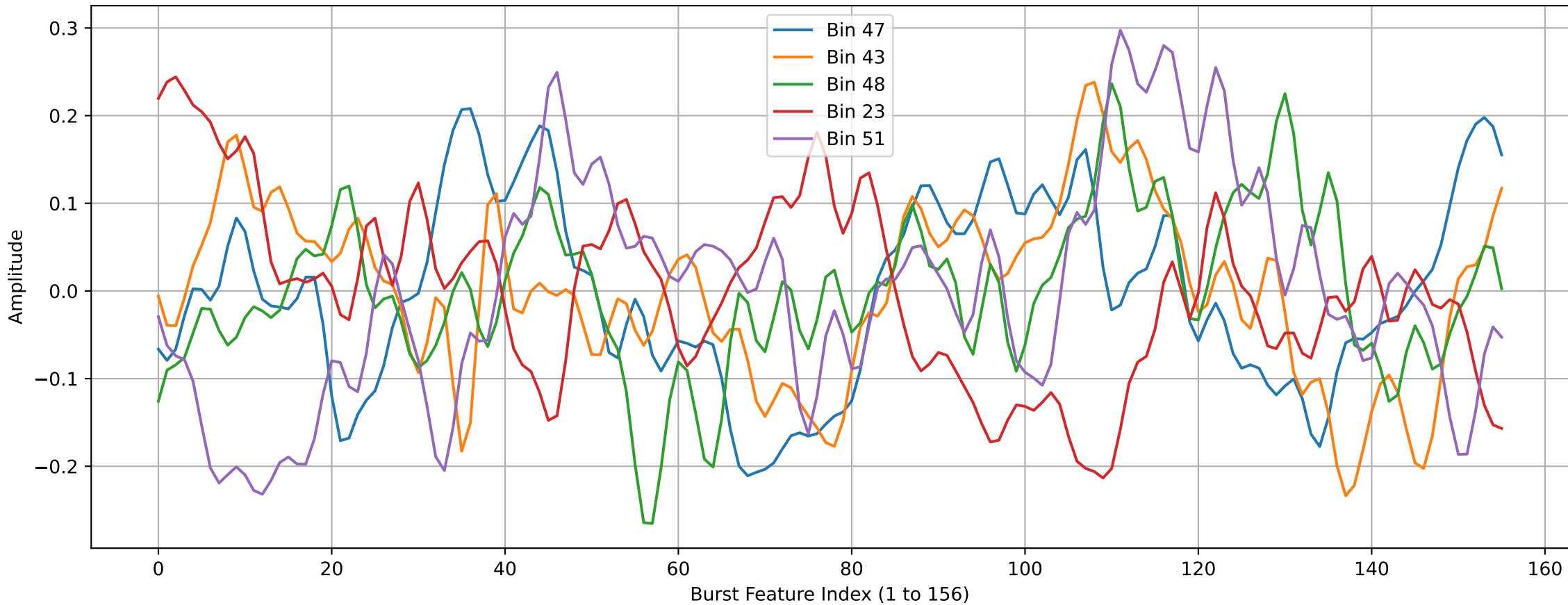
Val: Epoch 891  
MSE: 0.1404, R2: 0.8808



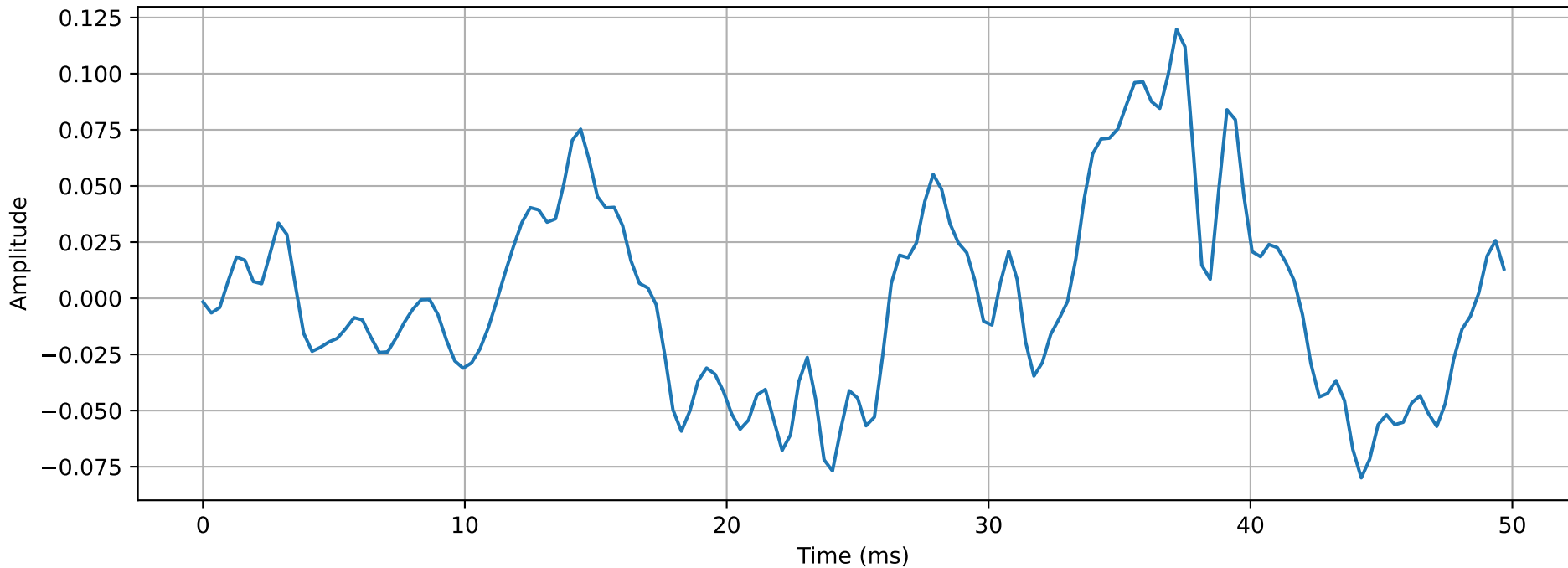
Attention Weights Across Time Bins (All Test Samples)



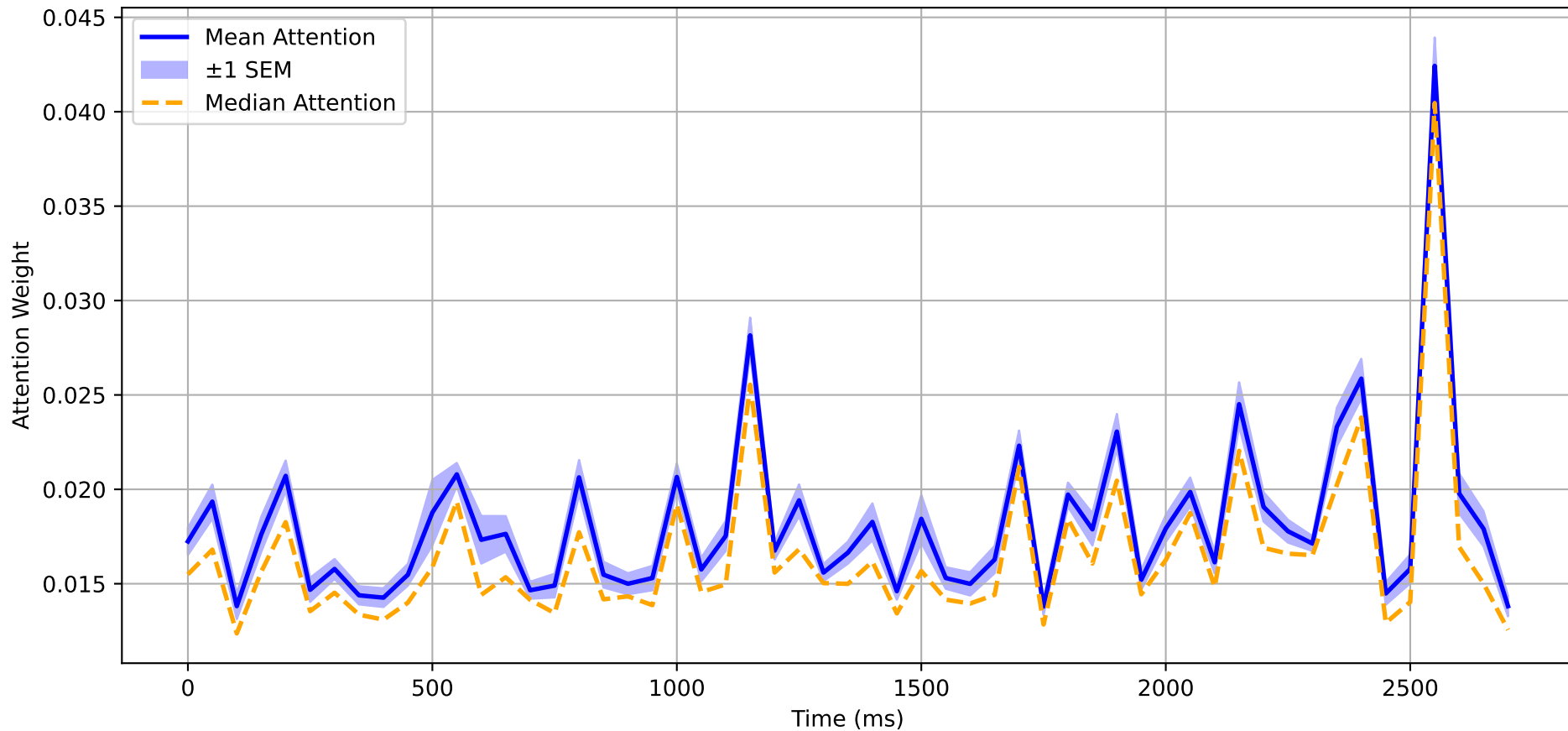
Waveform Shapes for Top Attention Bins (All Test Samples)



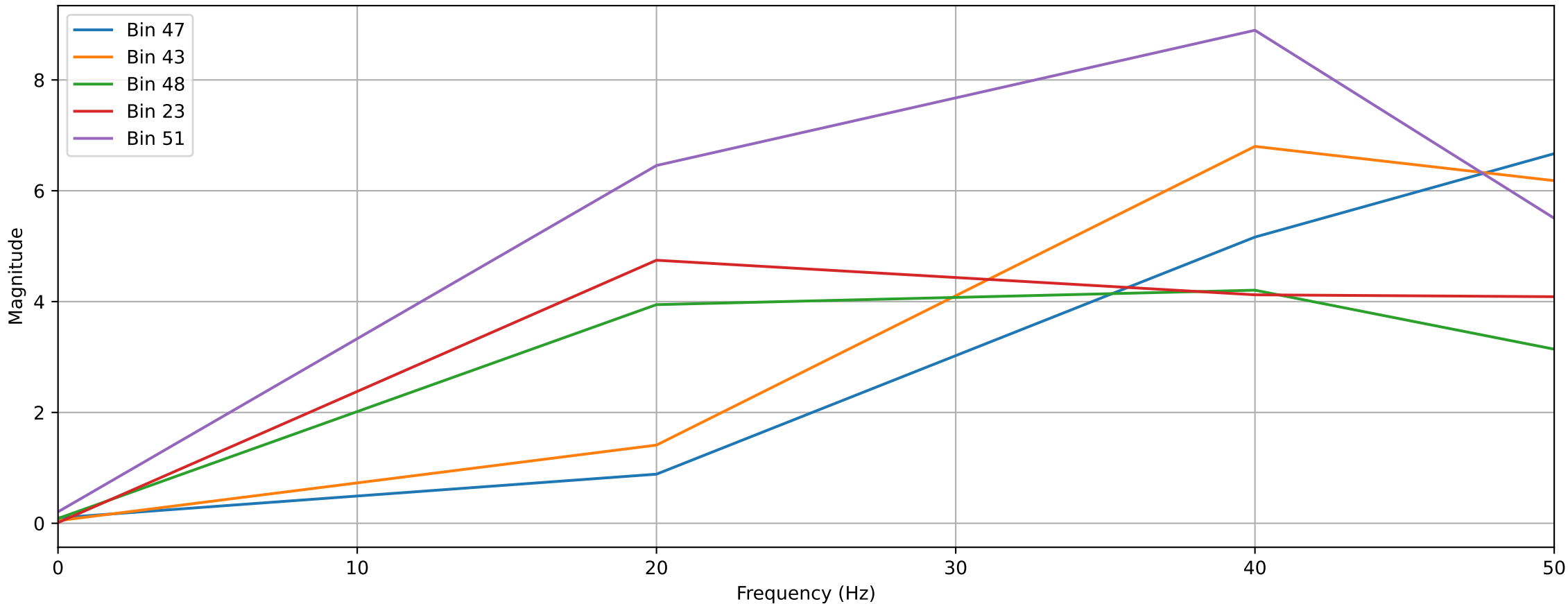
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)



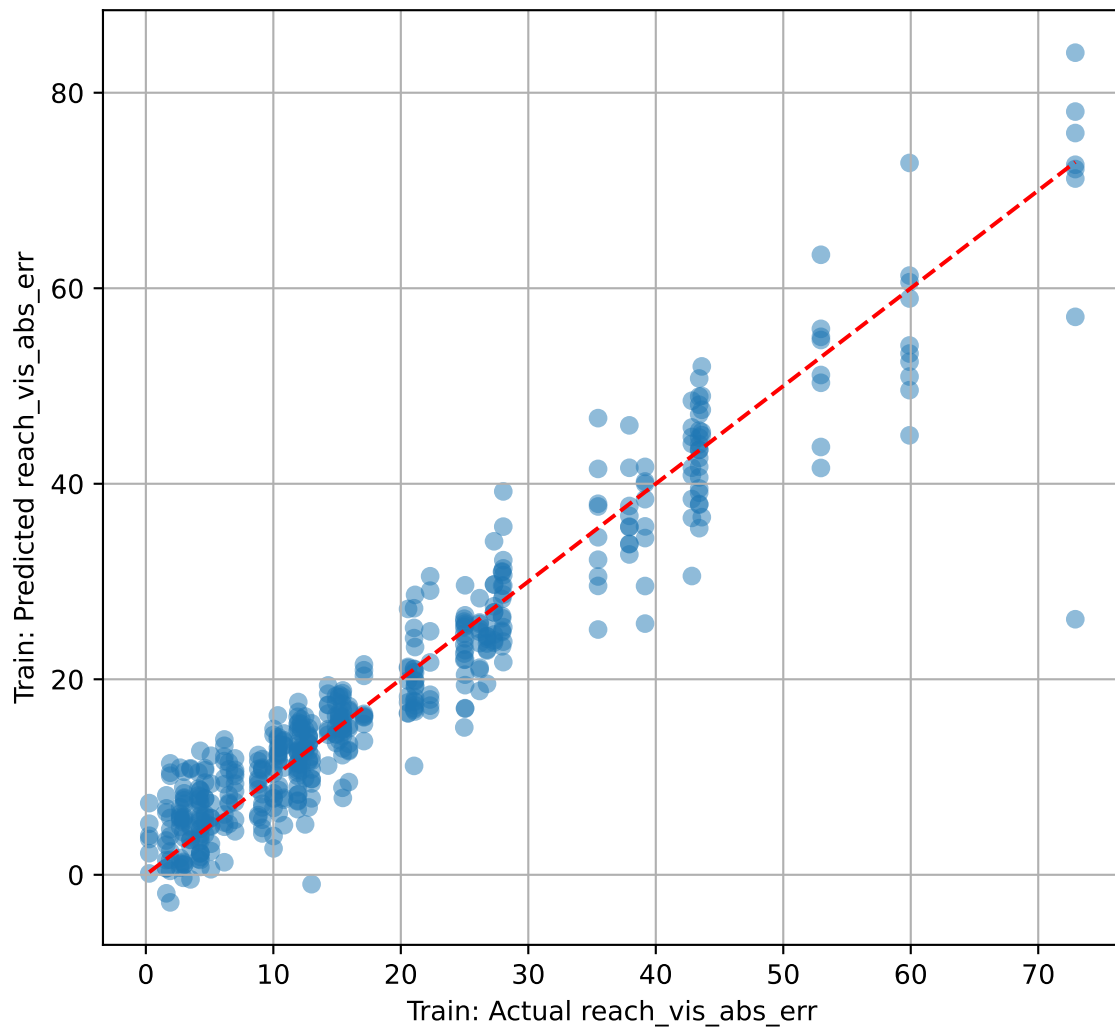
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



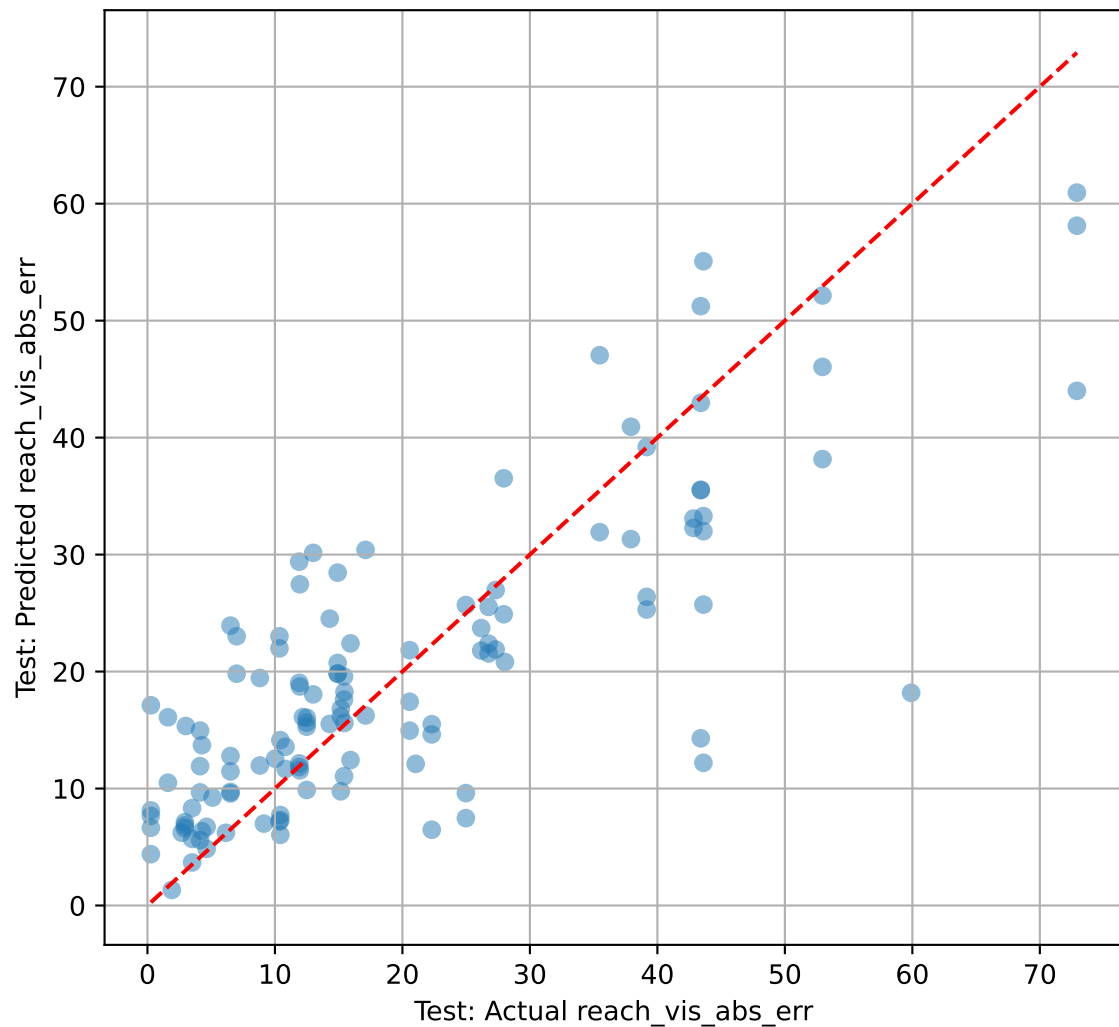
**sub-103**



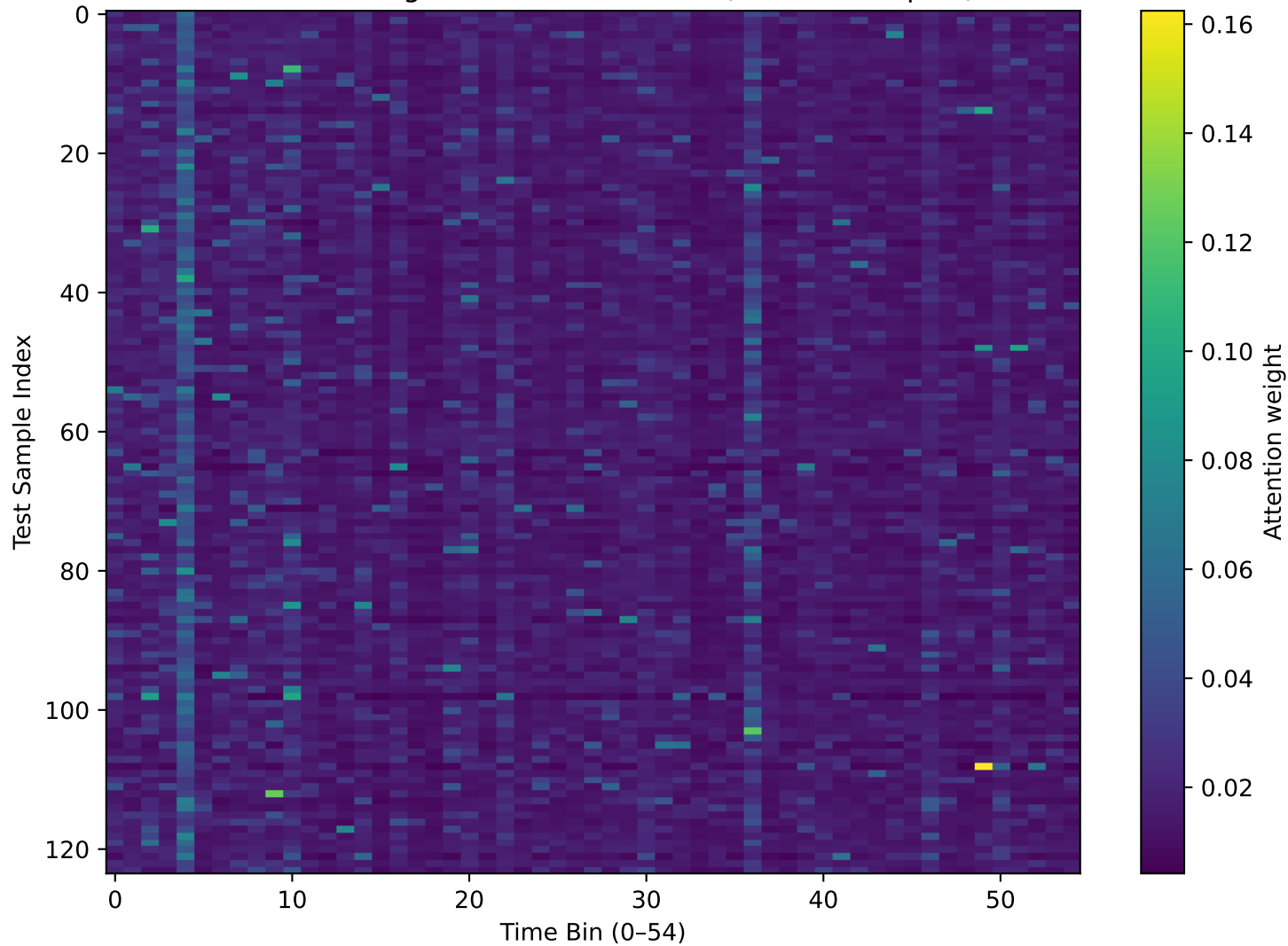
Train: Epoch 924  
MSE: 0.0844, R2: 0.9134



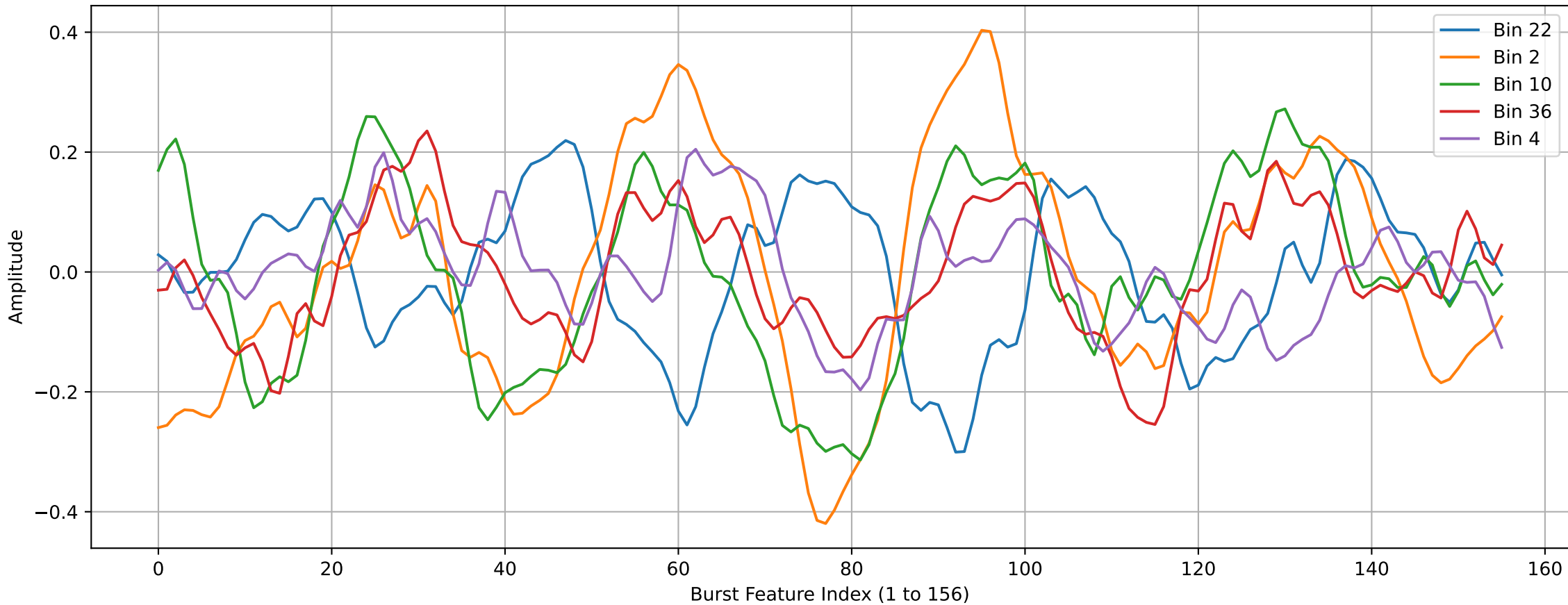
Val: Epoch 924  
MSE: 0.3966, R2: 0.6395



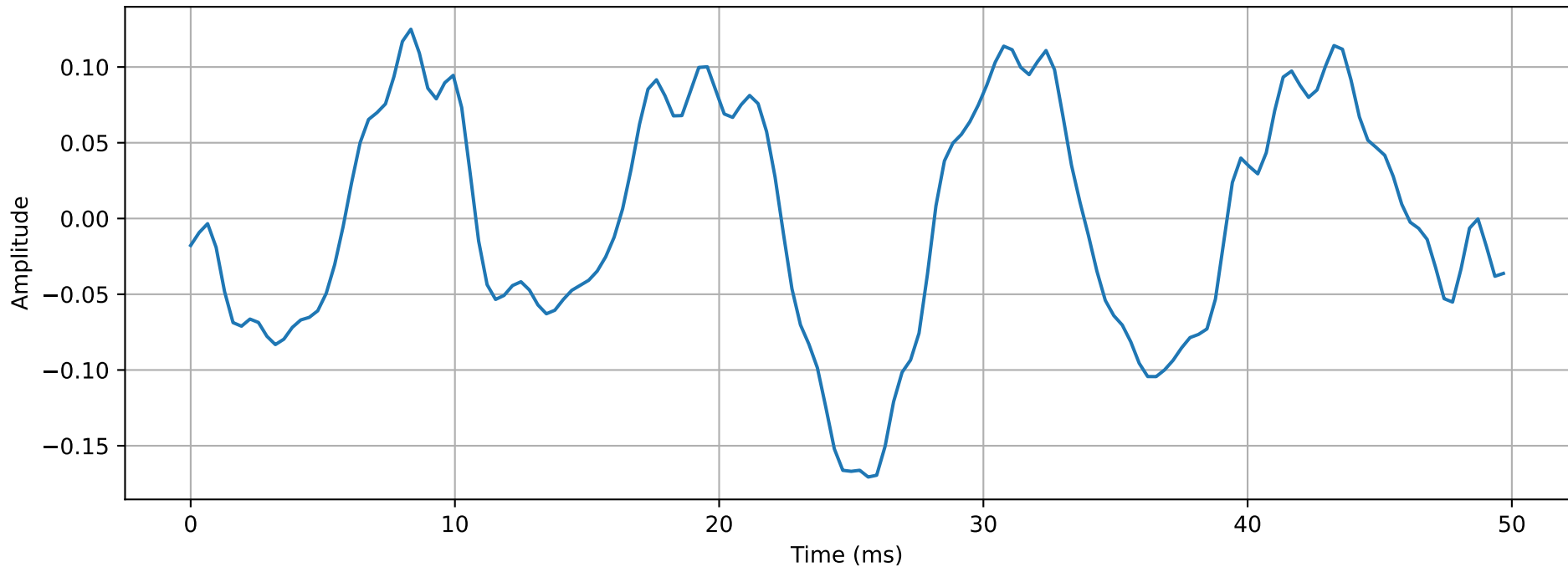
Attention Weights Across Time Bins (All Test Samples)



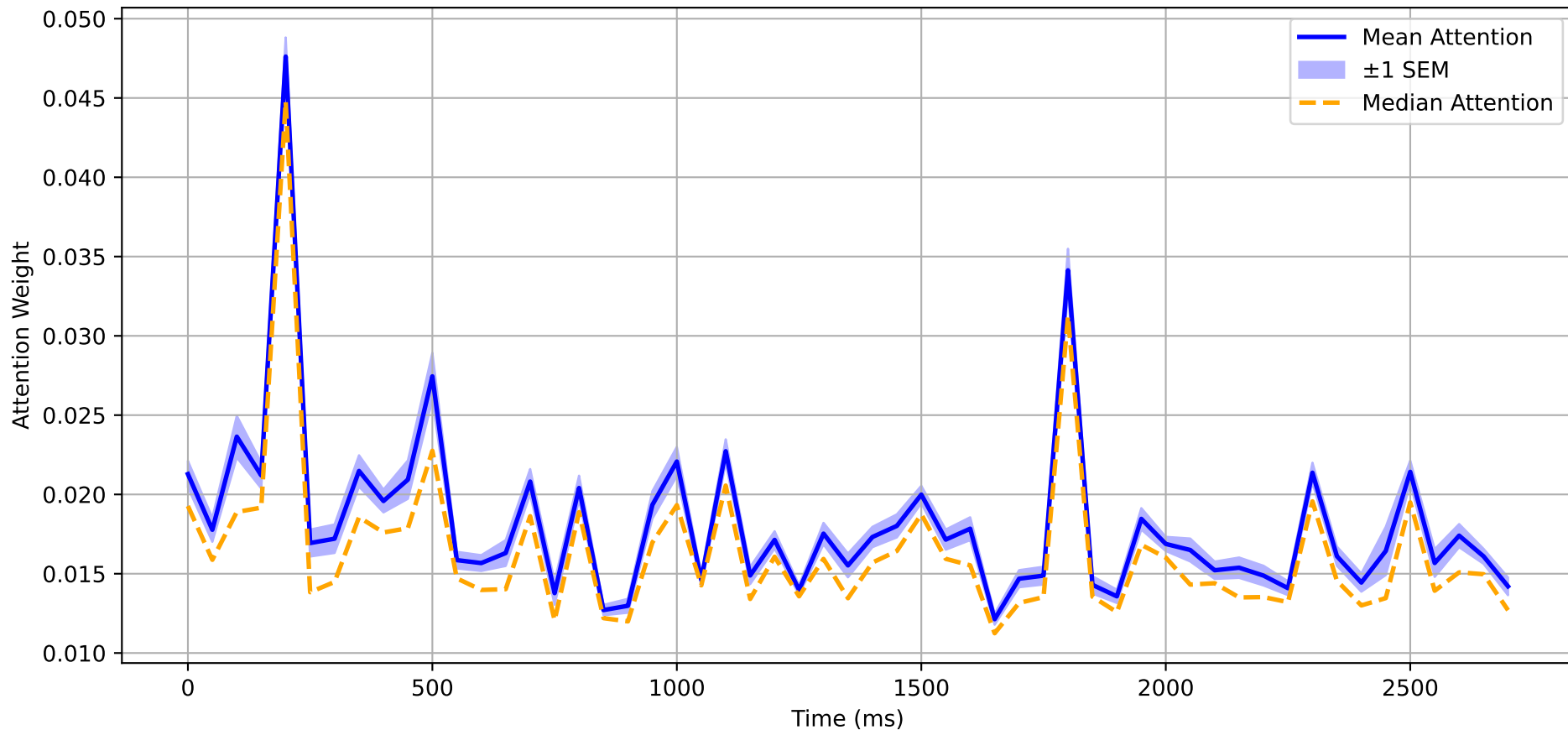
Waveform Shapes for Top Attention Bins (All Test Samples)



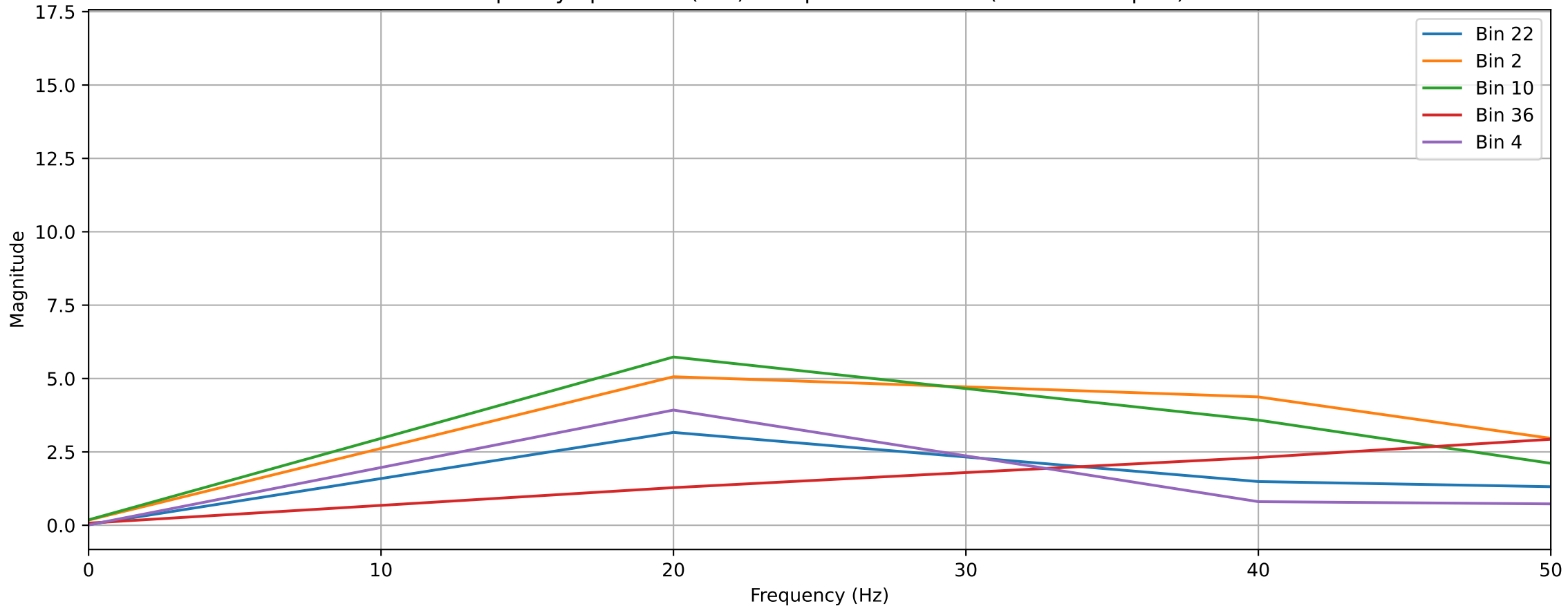
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

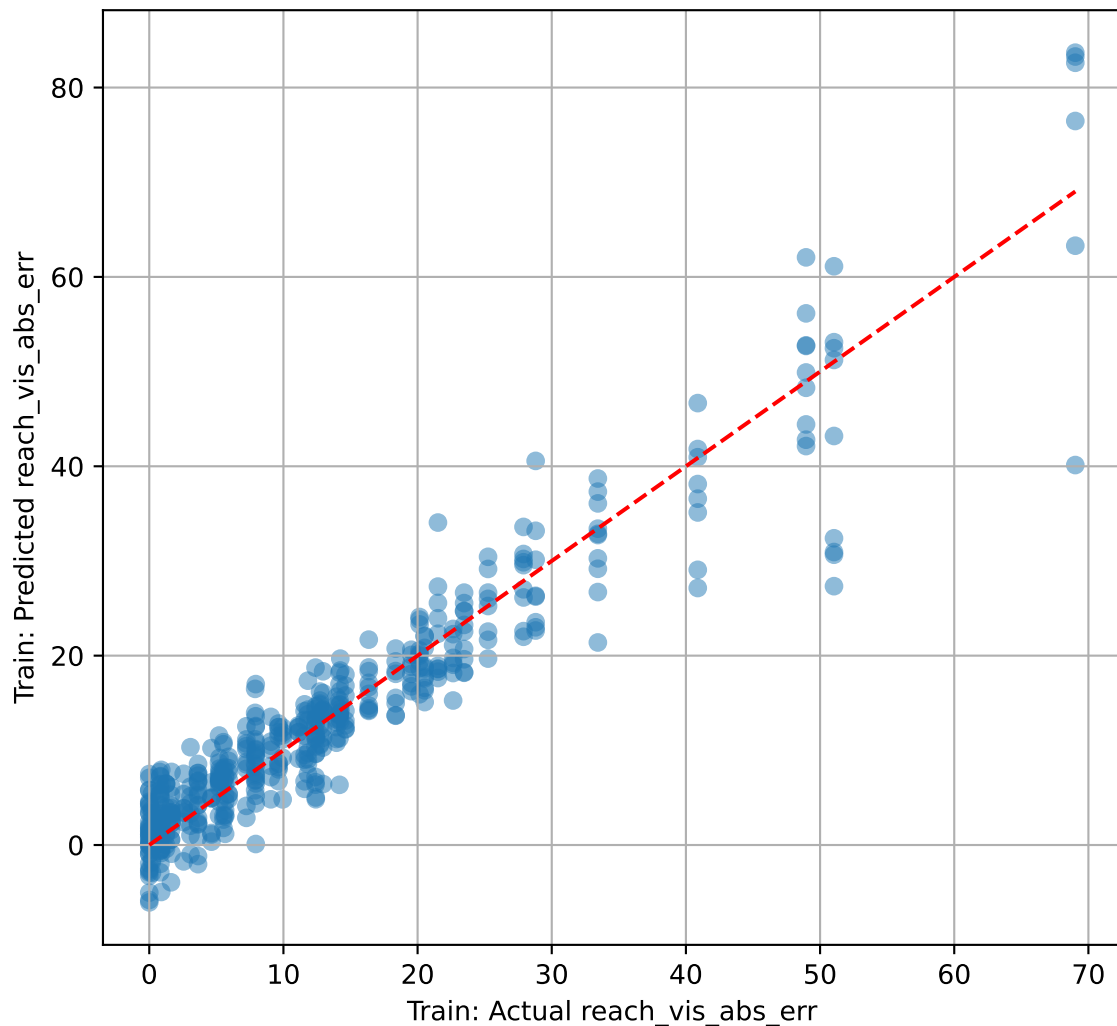


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

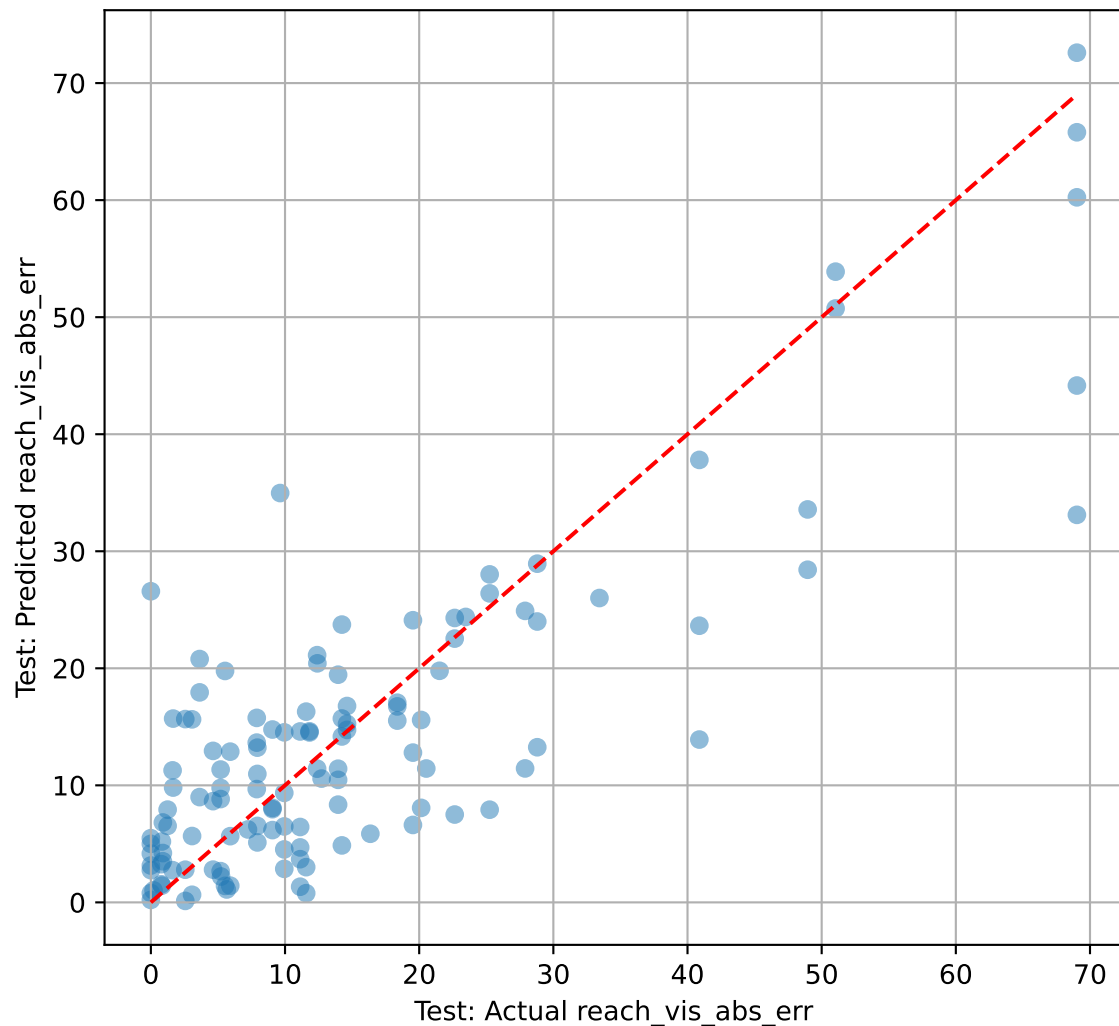


**sub-106**

Train: Epoch 985  
MSE: 0.0950, R2: 0.8967

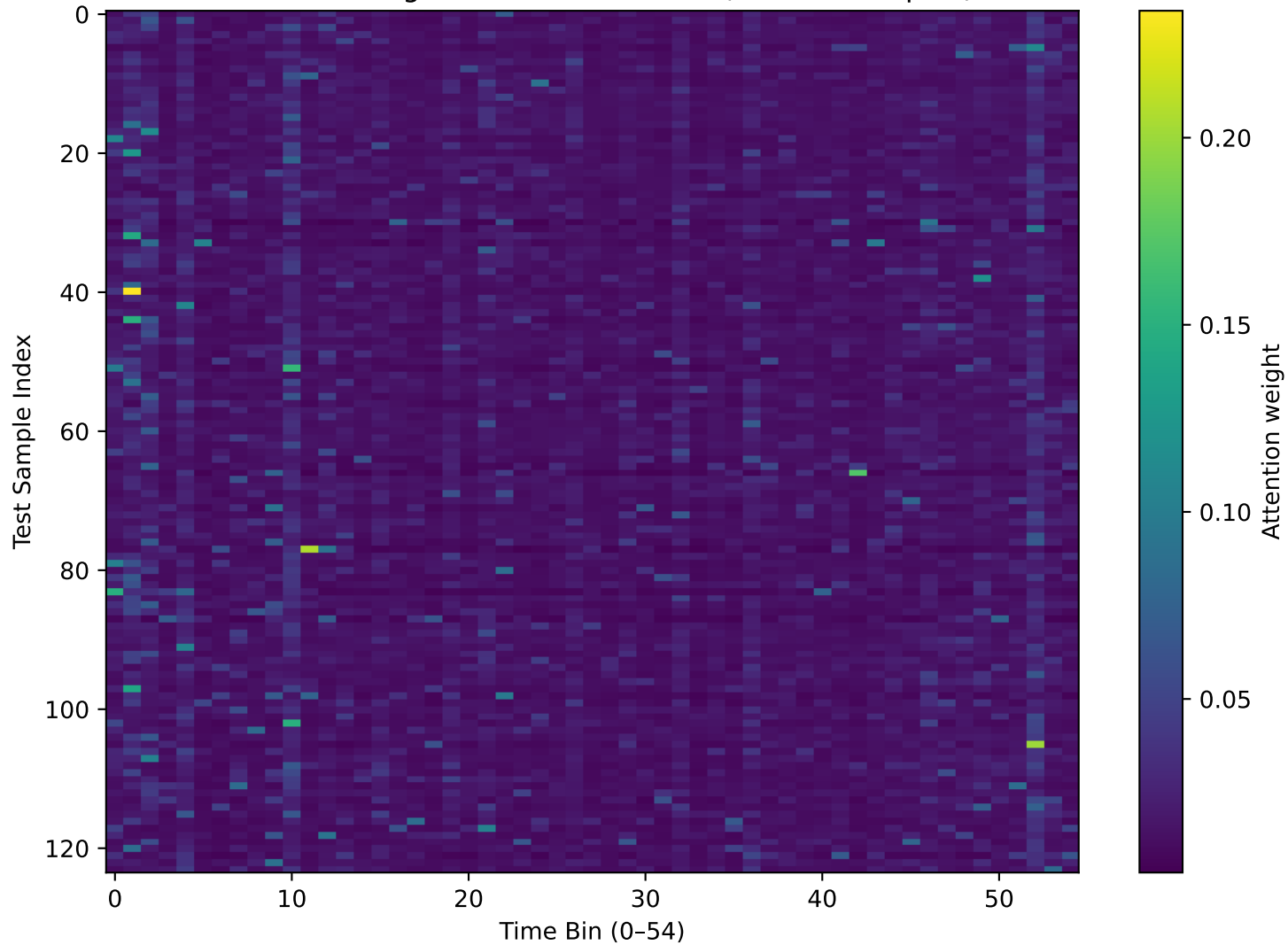


Val: Epoch 985  
MSE: 0.4125, R2: 0.6846

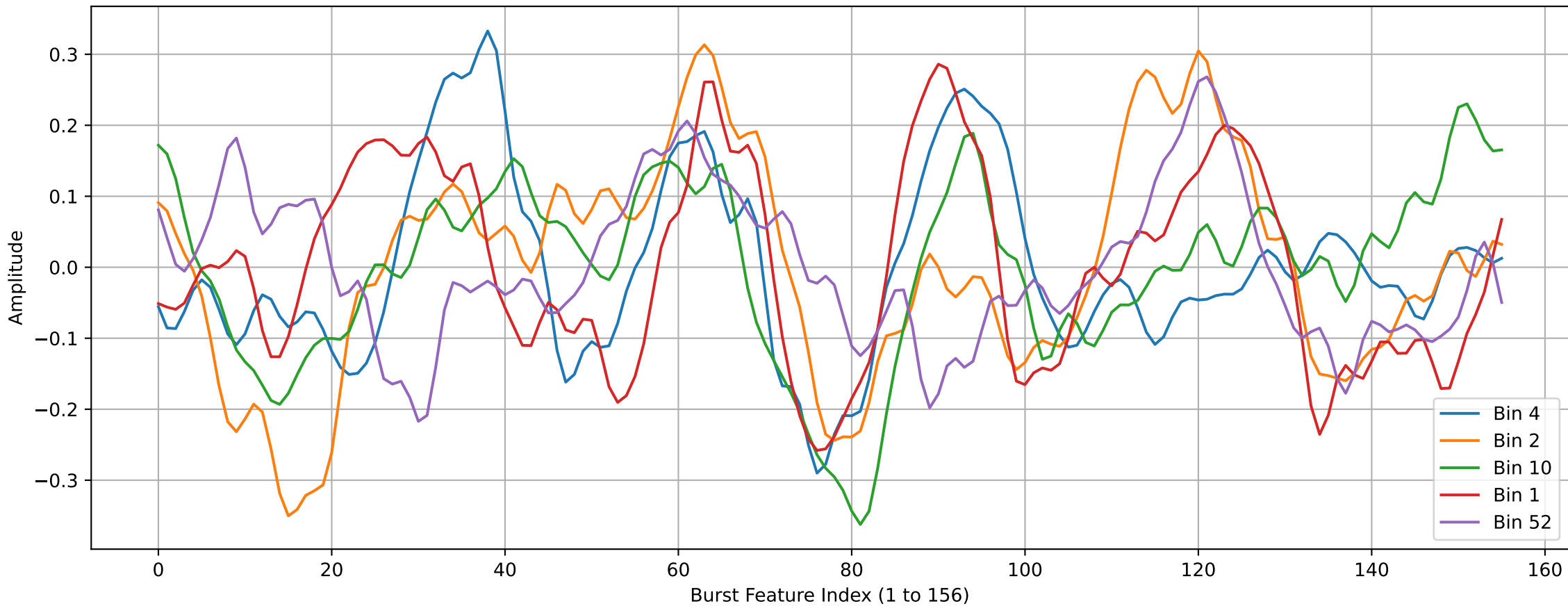




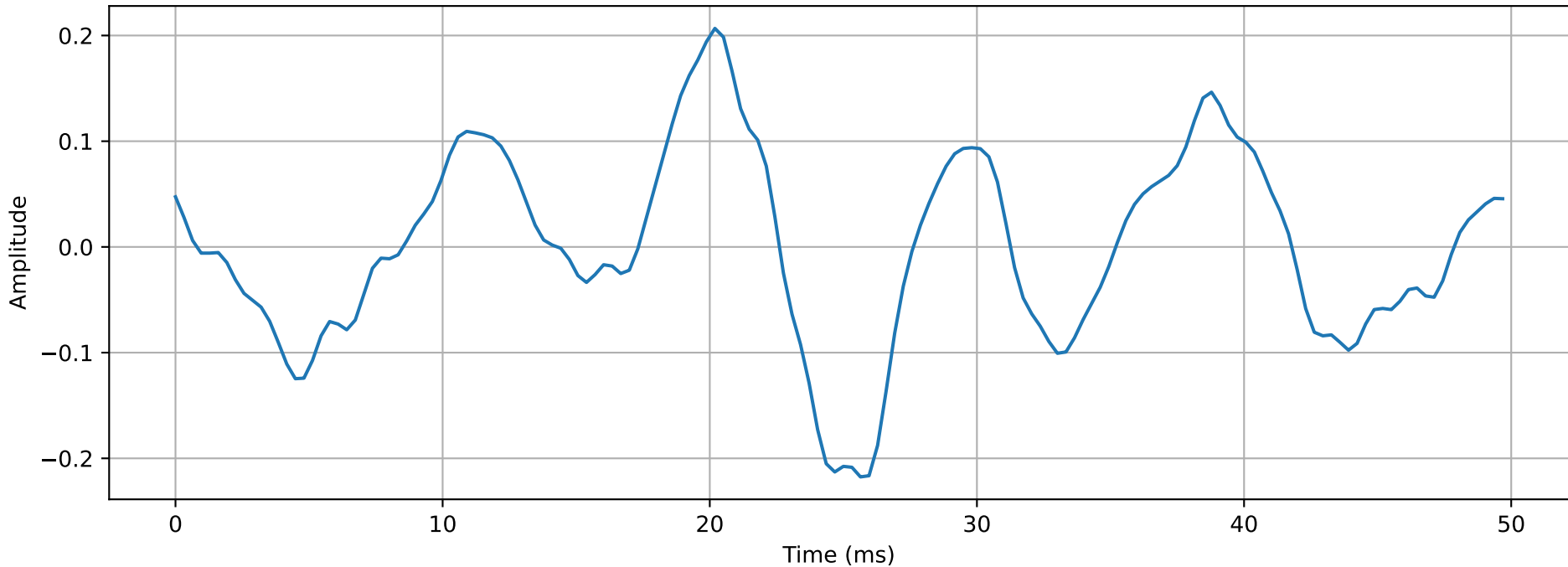
Attention Weights Across Time Bins (All Test Samples)



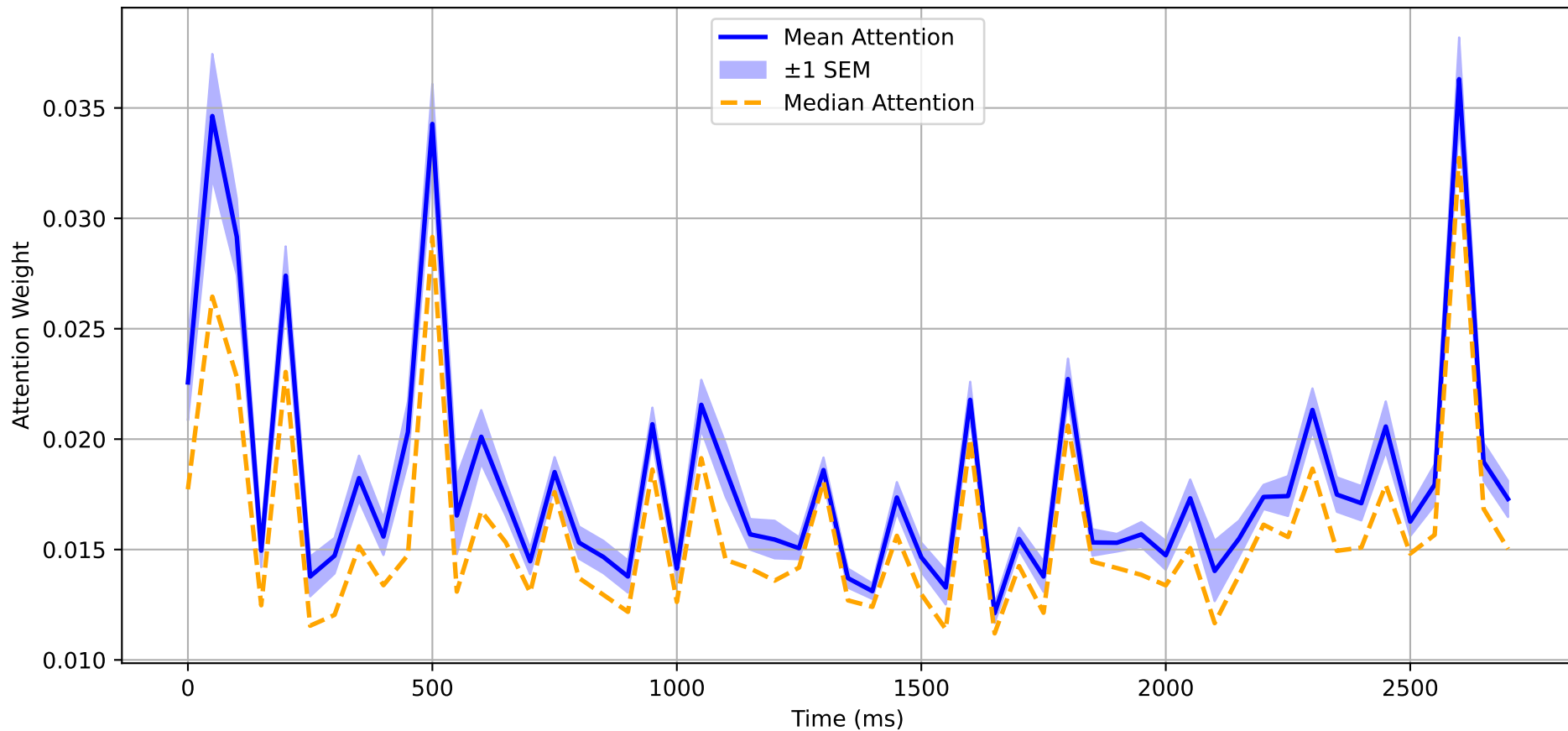
Waveform Shapes for Top Attention Bins (All Test Samples)



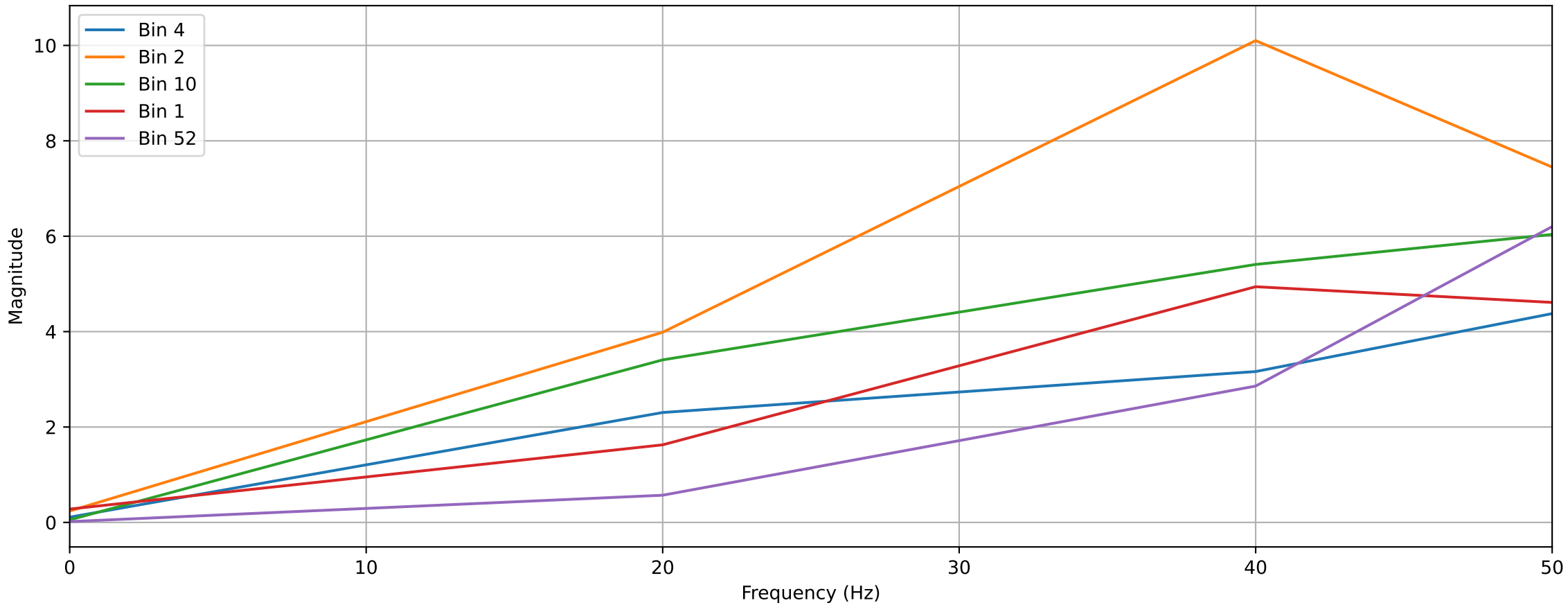
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

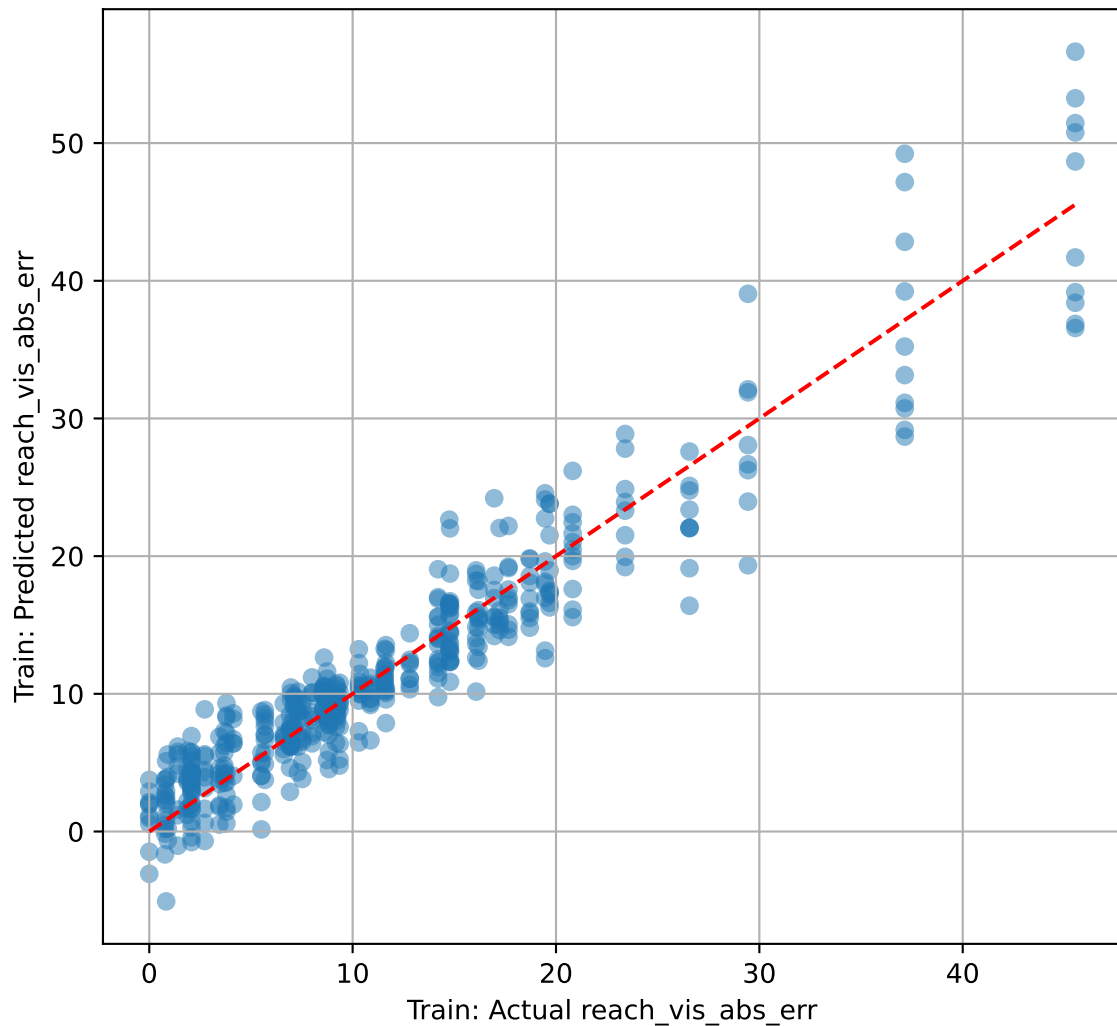


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

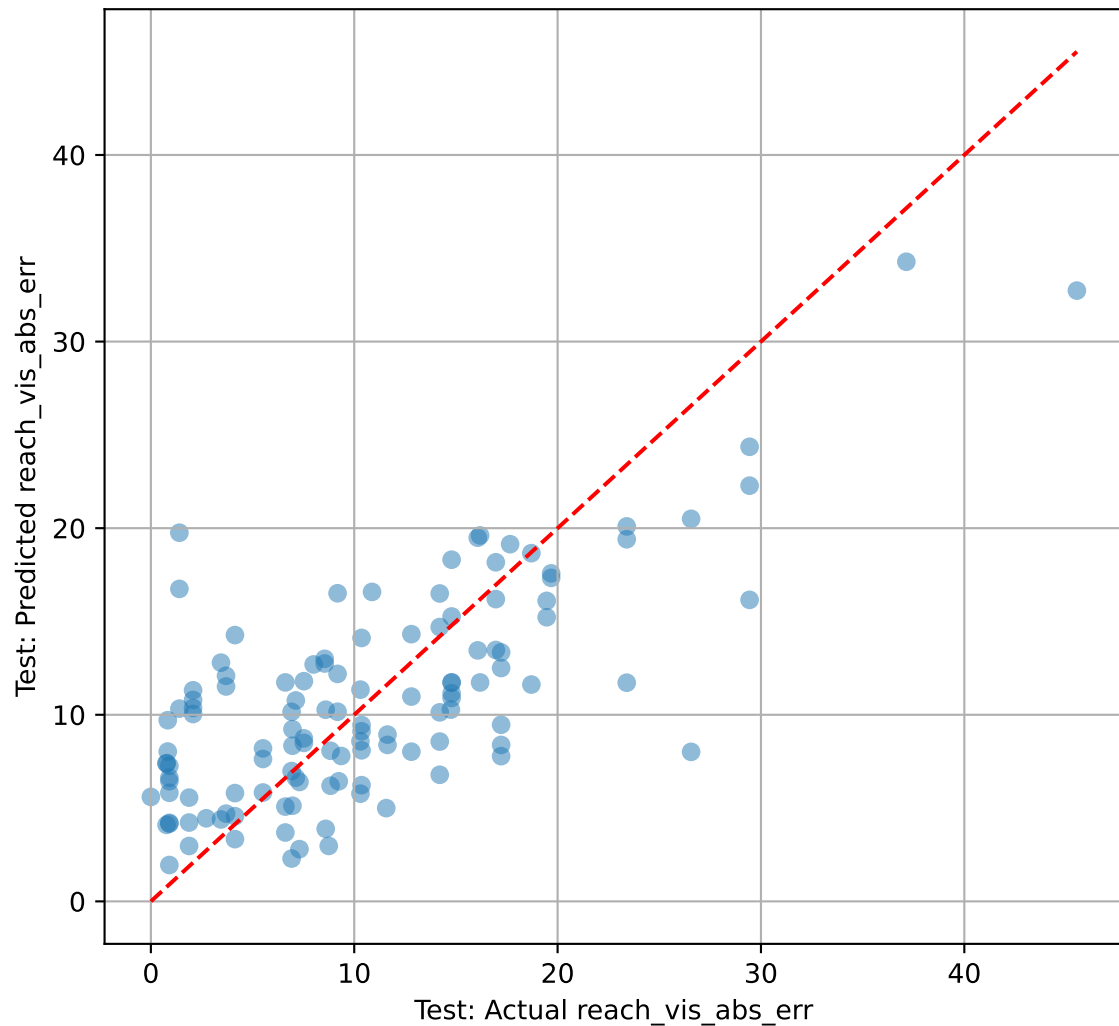


**sub-107**

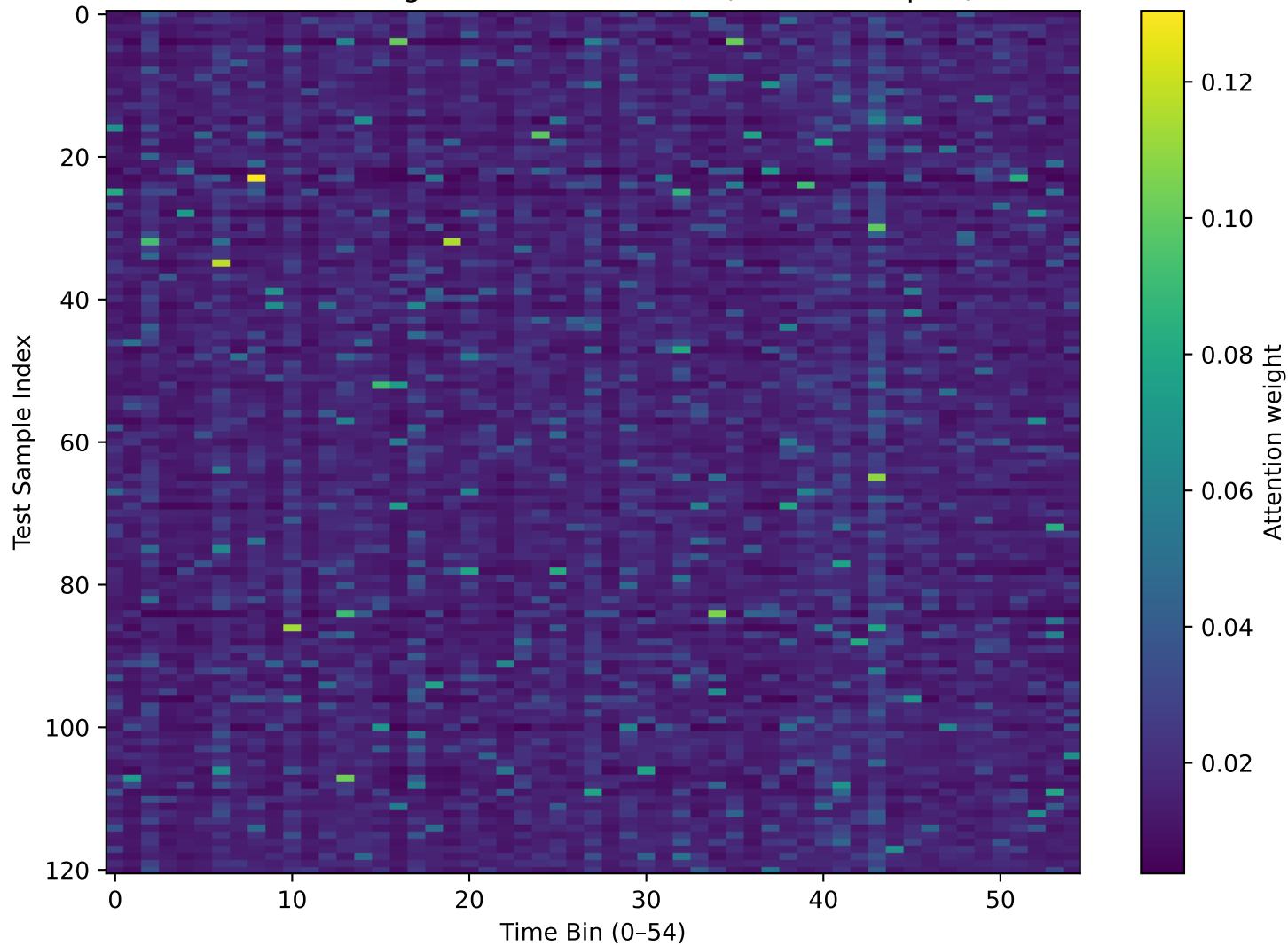
Train: Epoch 902  
MSE: 0.0998, R2: 0.9045



Val: Epoch 902  
MSE: 0.3887, R2: 0.5218

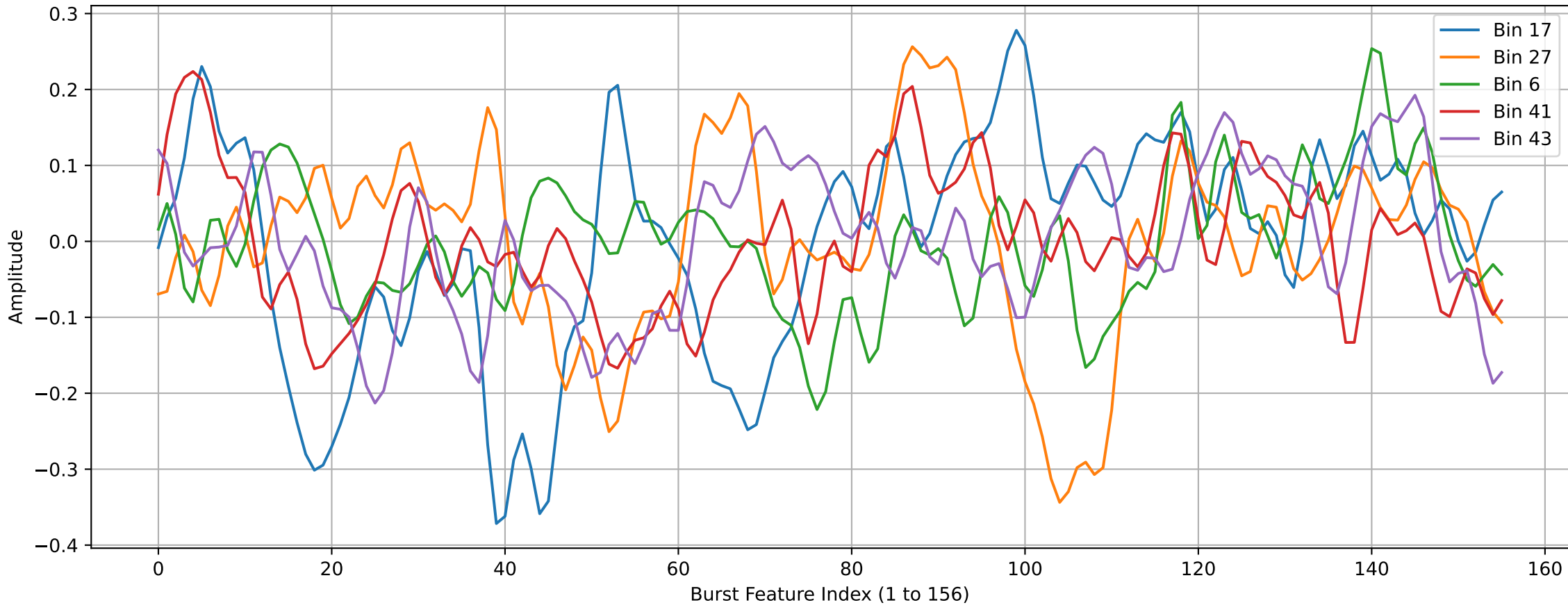


Attention Weights Across Time Bins (All Test Samples)

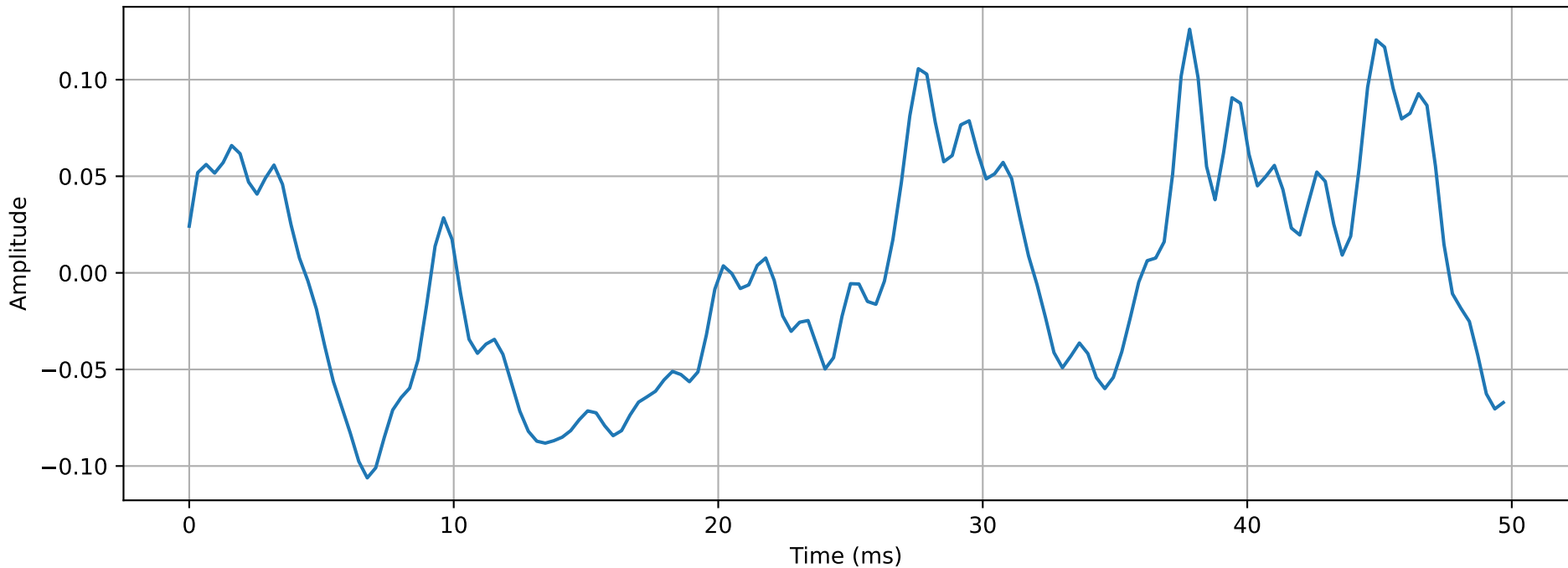




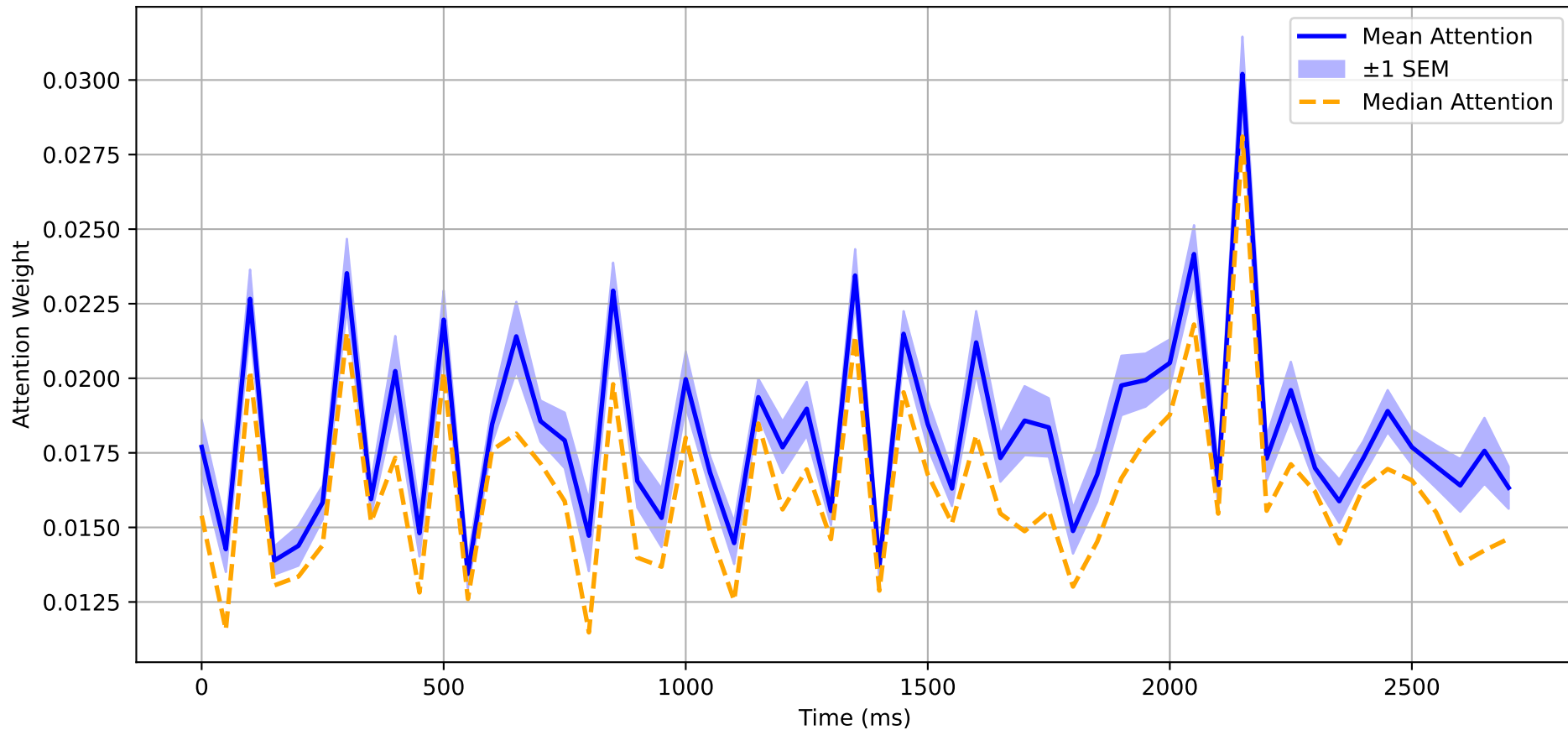
Waveform Shapes for Top Attention Bins (All Test Samples)



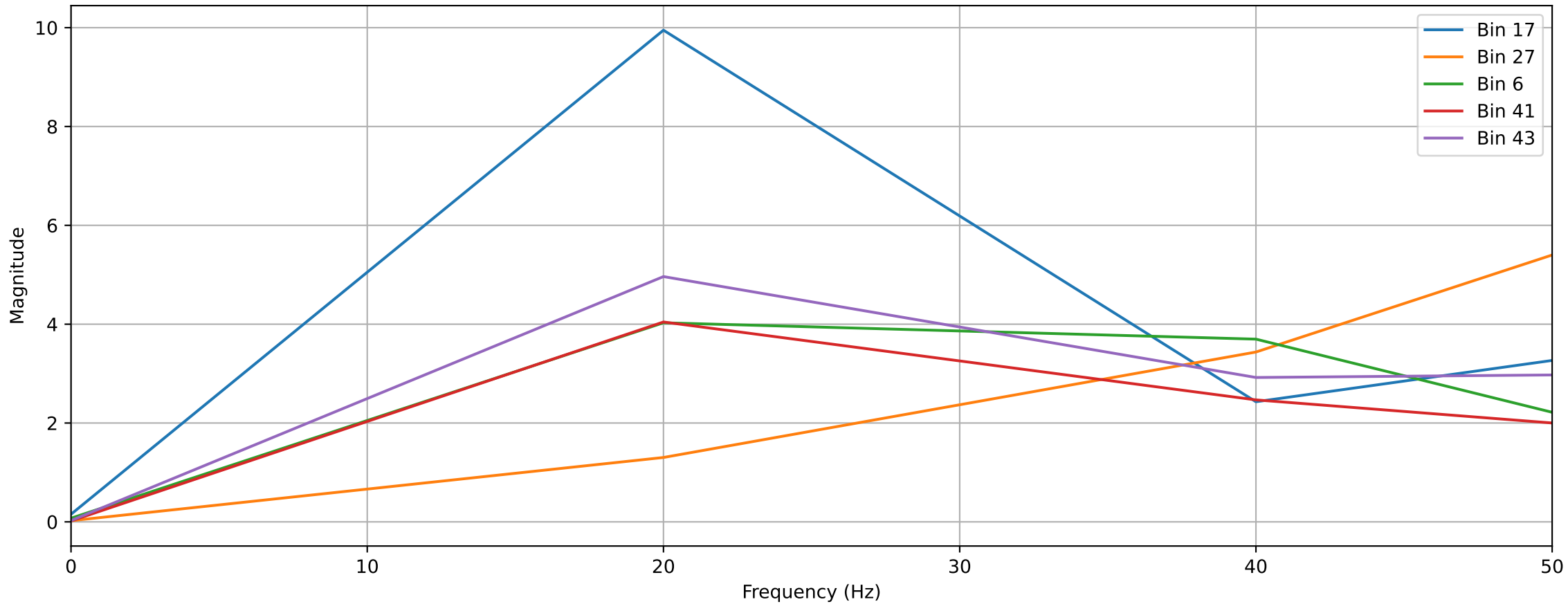
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

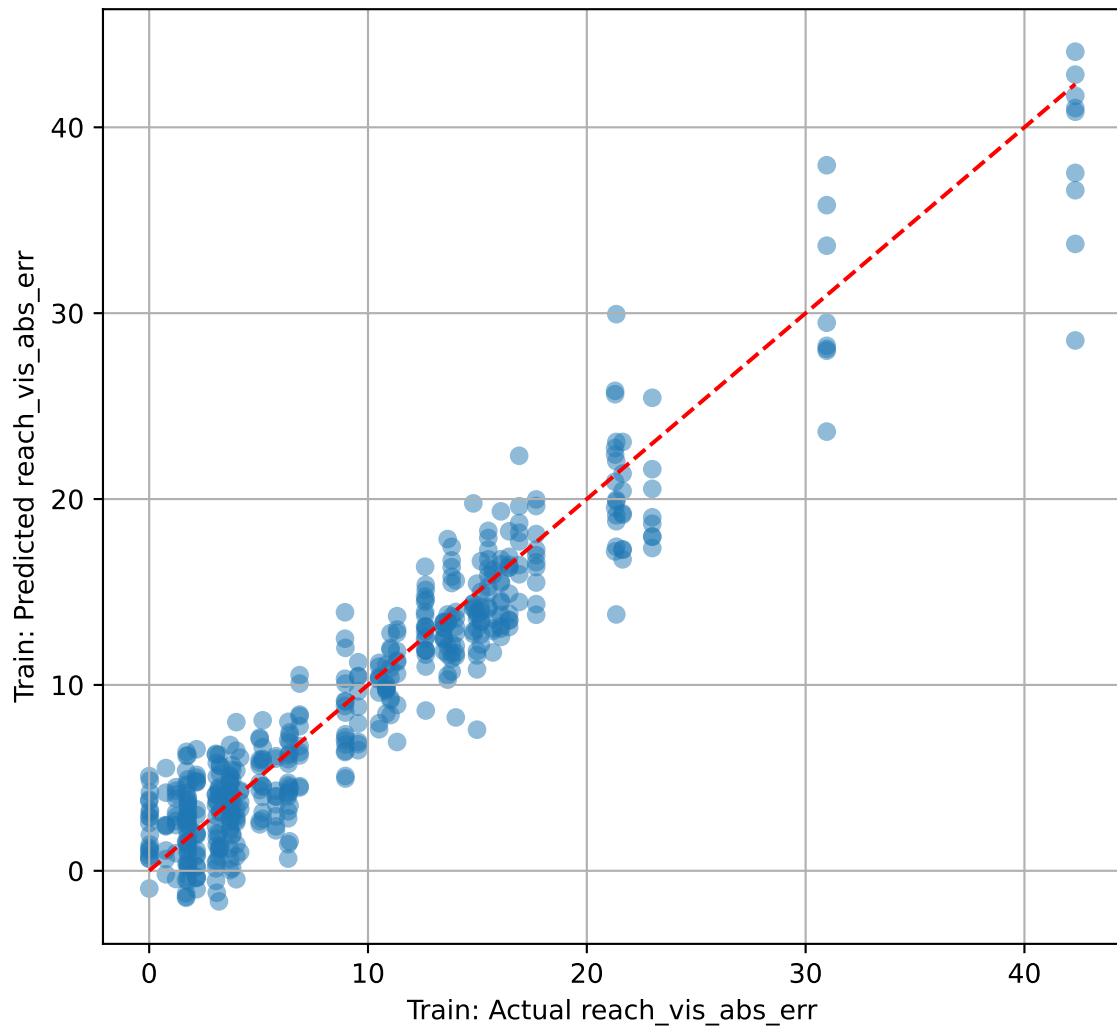


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

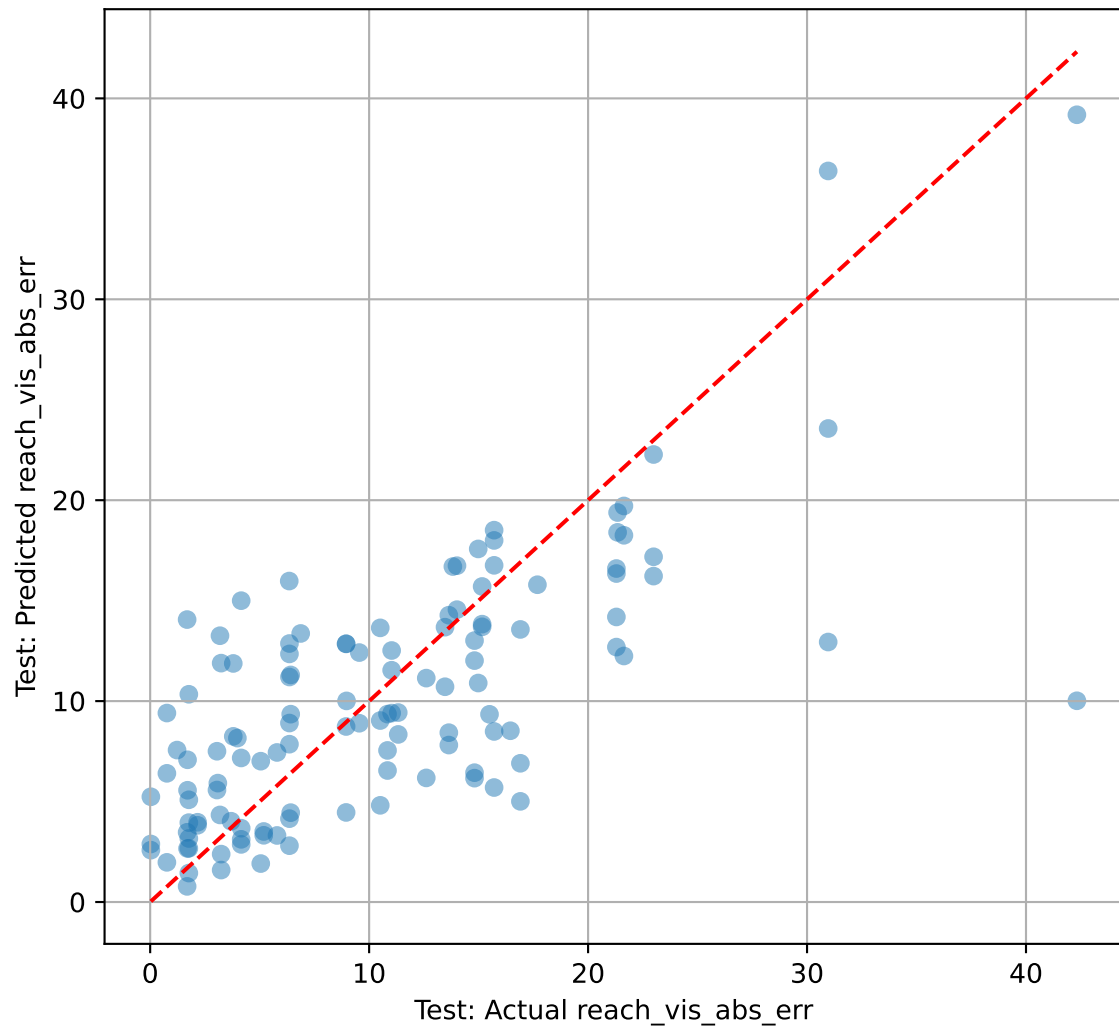


**sub-108**

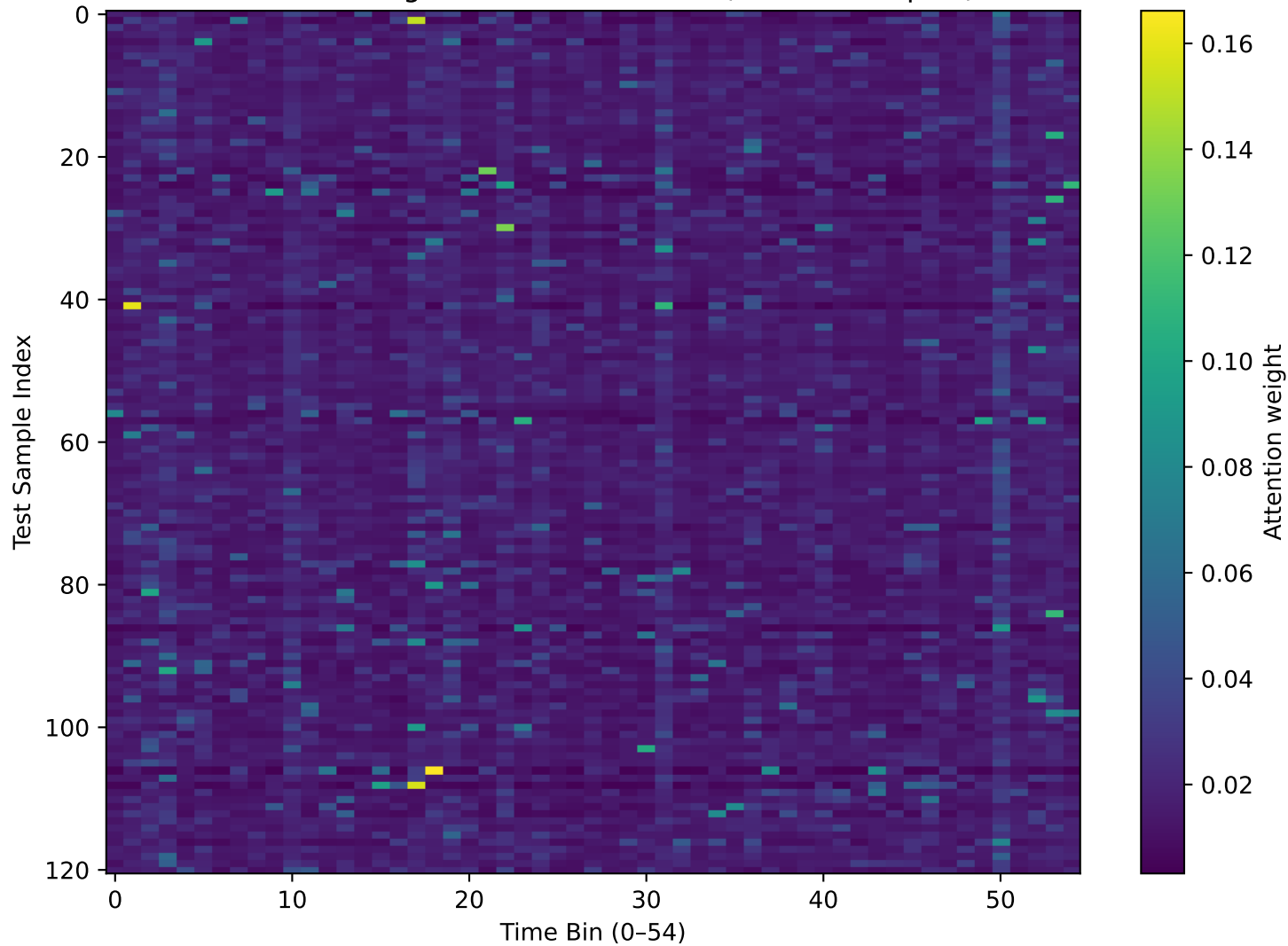
Train: Epoch 607  
MSE: 0.0886, R2: 0.9109



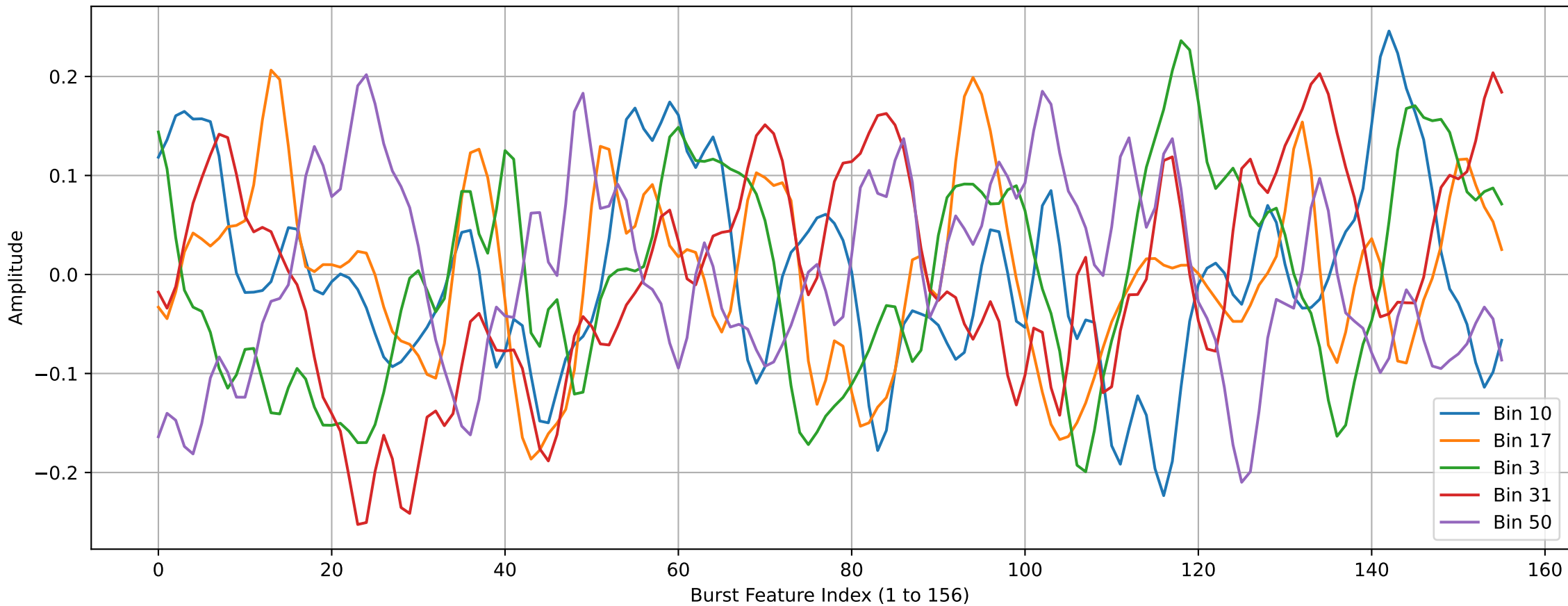
Val: Epoch 607  
MSE: 0.4938, R2: 0.5146



Attention Weights Across Time Bins (All Test Samples)

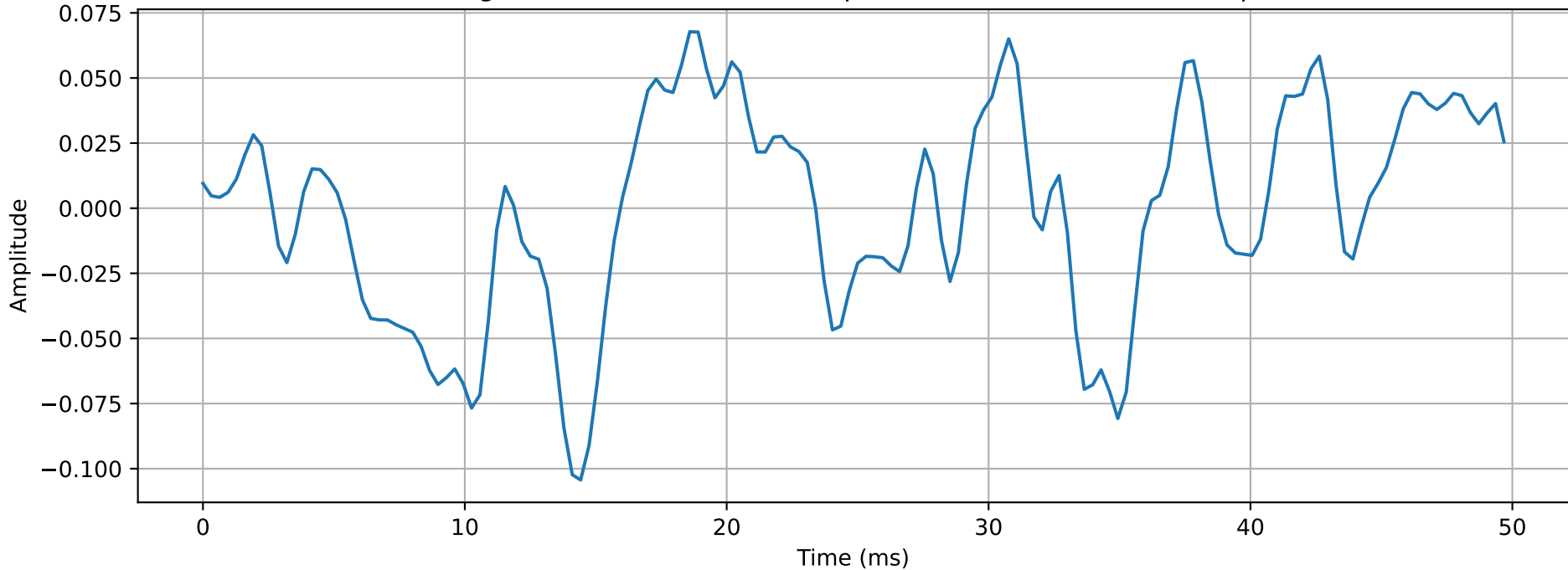


Waveform Shapes for Top Attention Bins (All Test Samples)

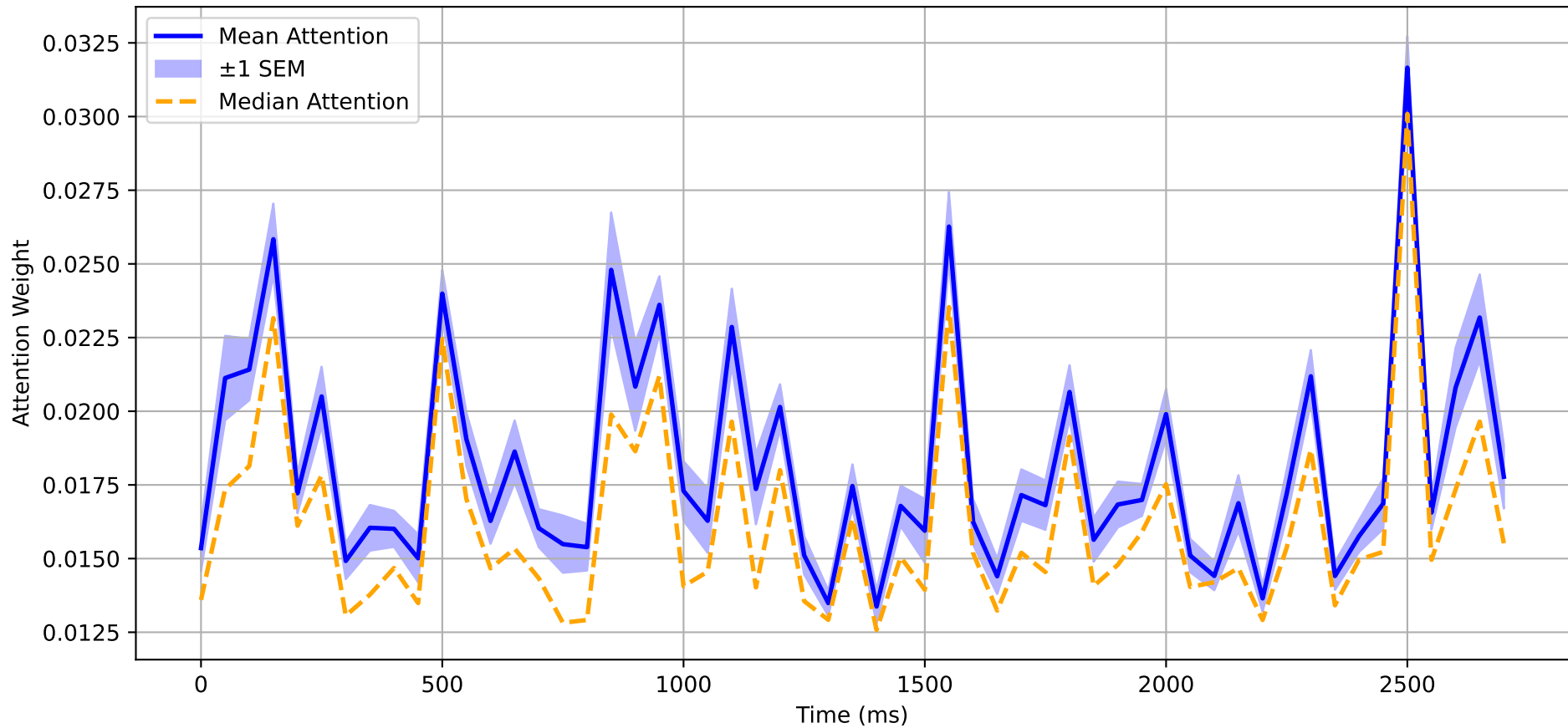




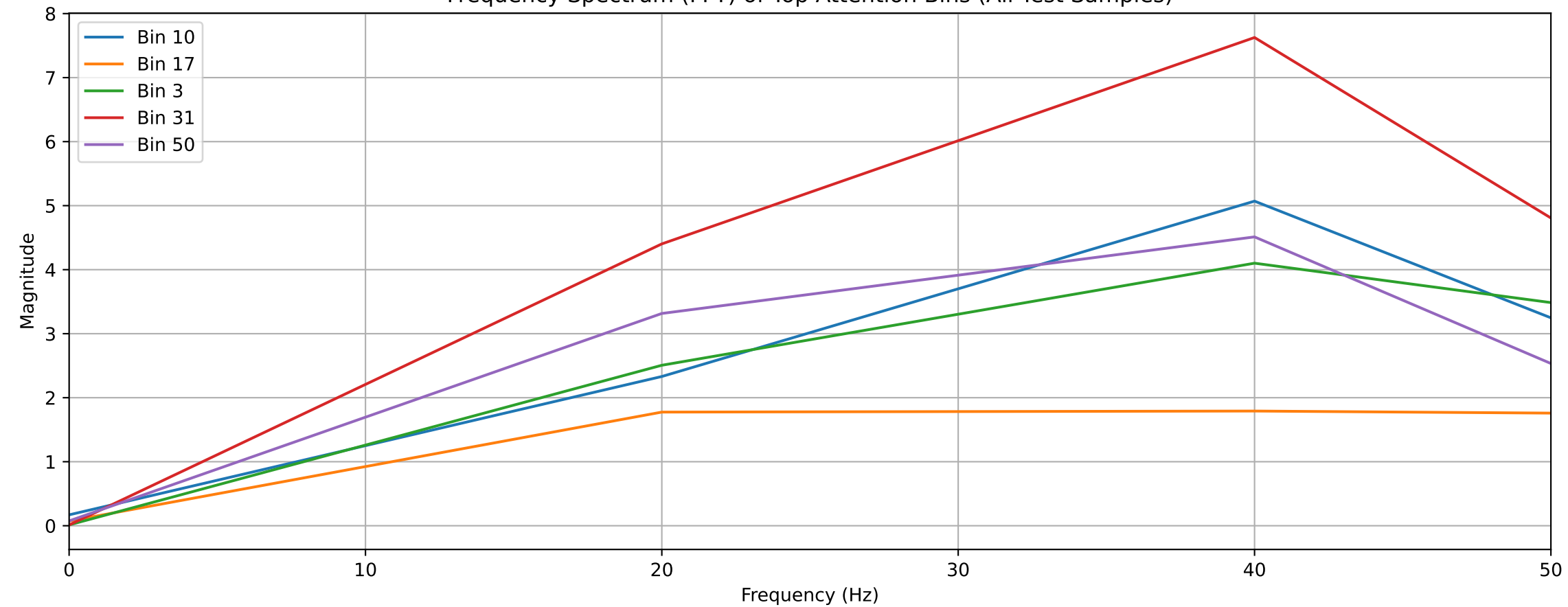
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

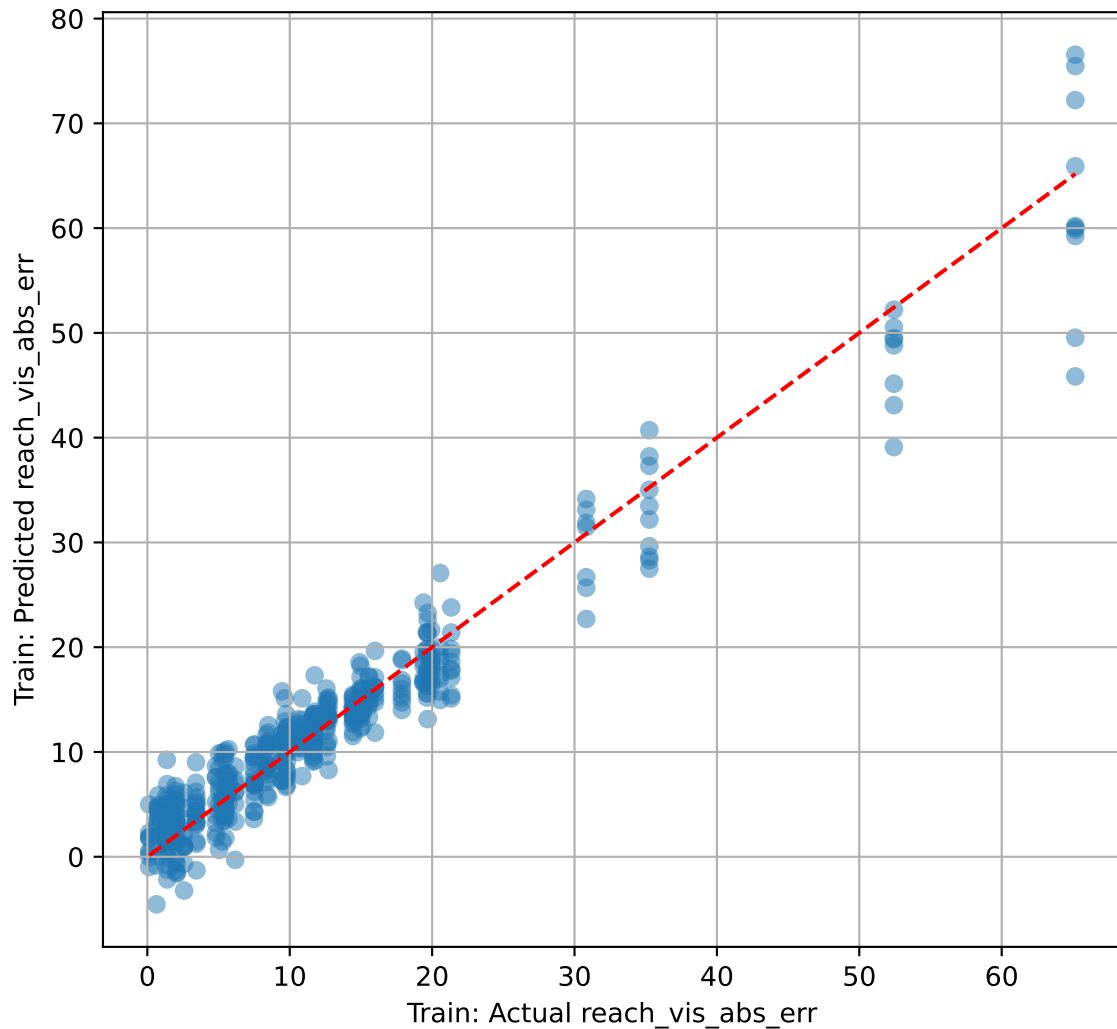


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

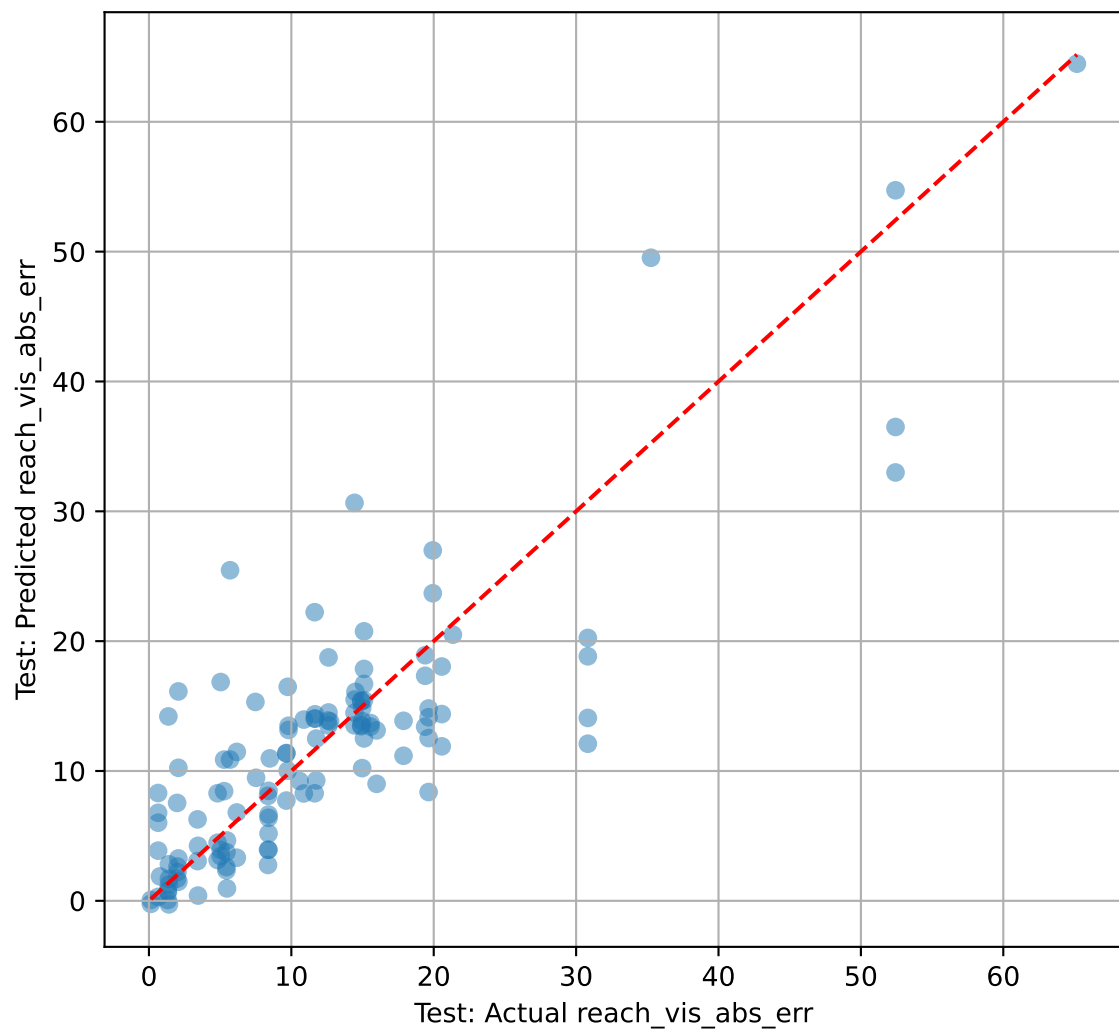


**sub-109**

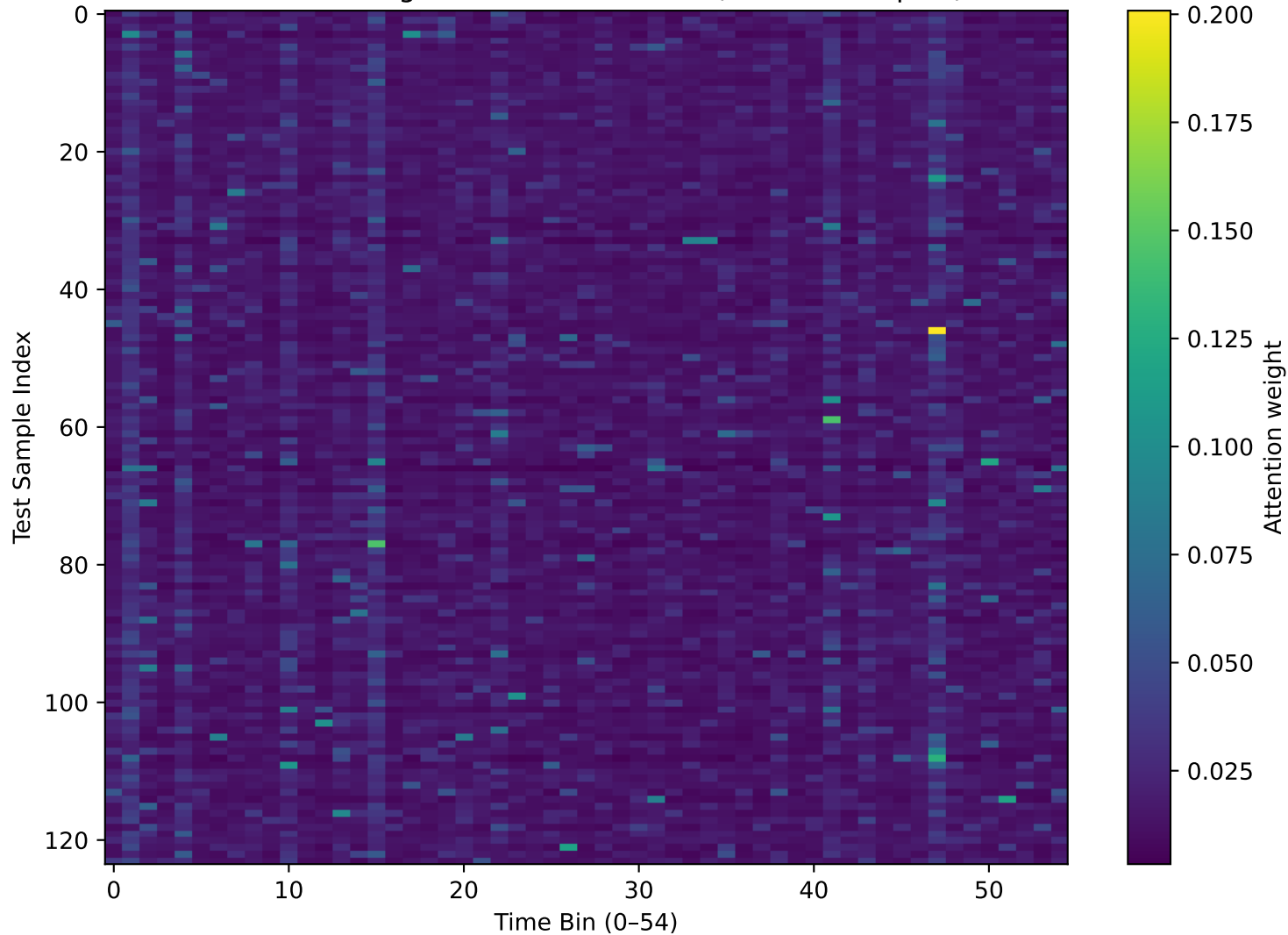
Train: Epoch 956  
MSE: 0.0625, R2: 0.9394



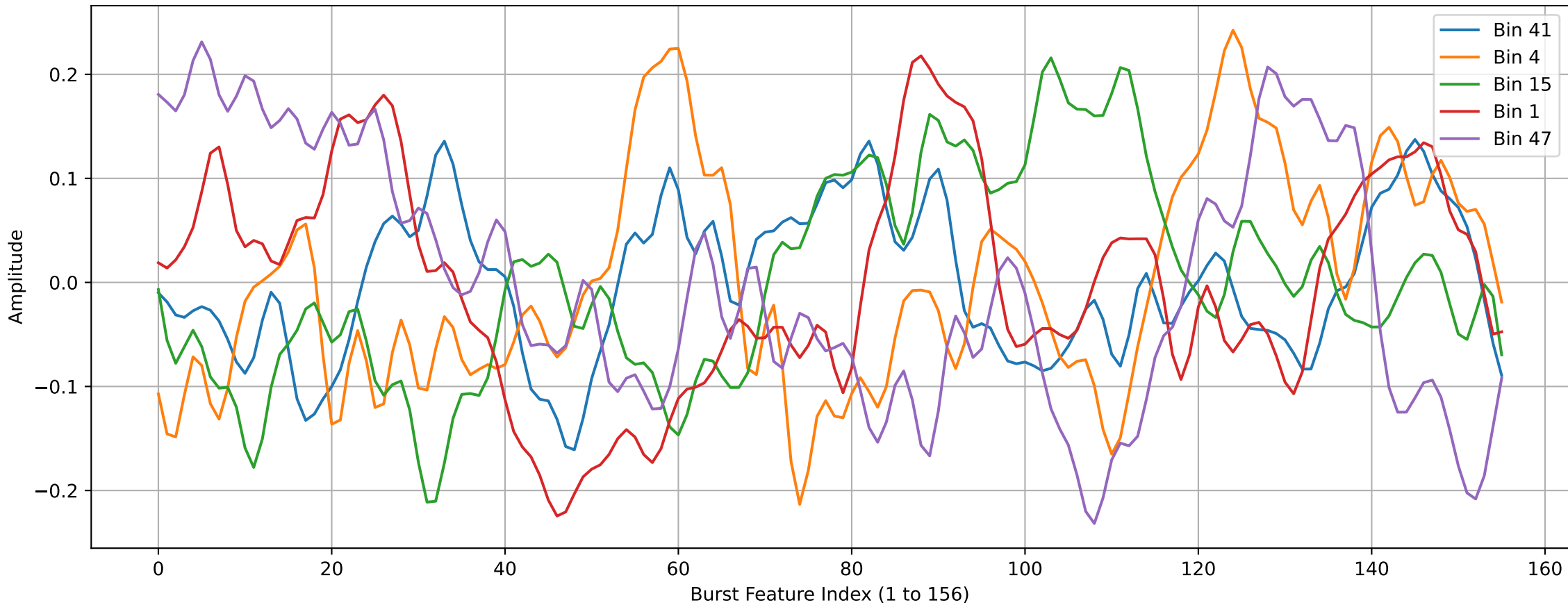
Val: Epoch 956  
MSE: 0.2612, R2: 0.7012



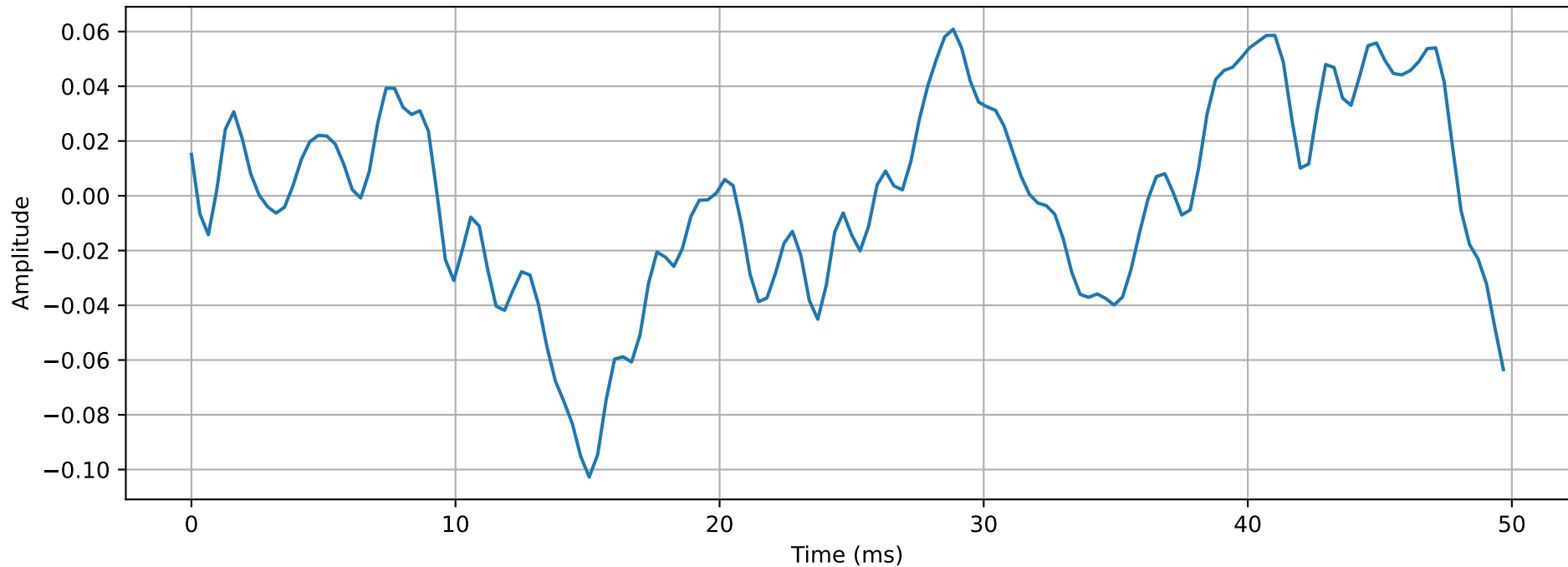
Attention Weights Across Time Bins (All Test Samples)



Waveform Shapes for Top Attention Bins (All Test Samples)

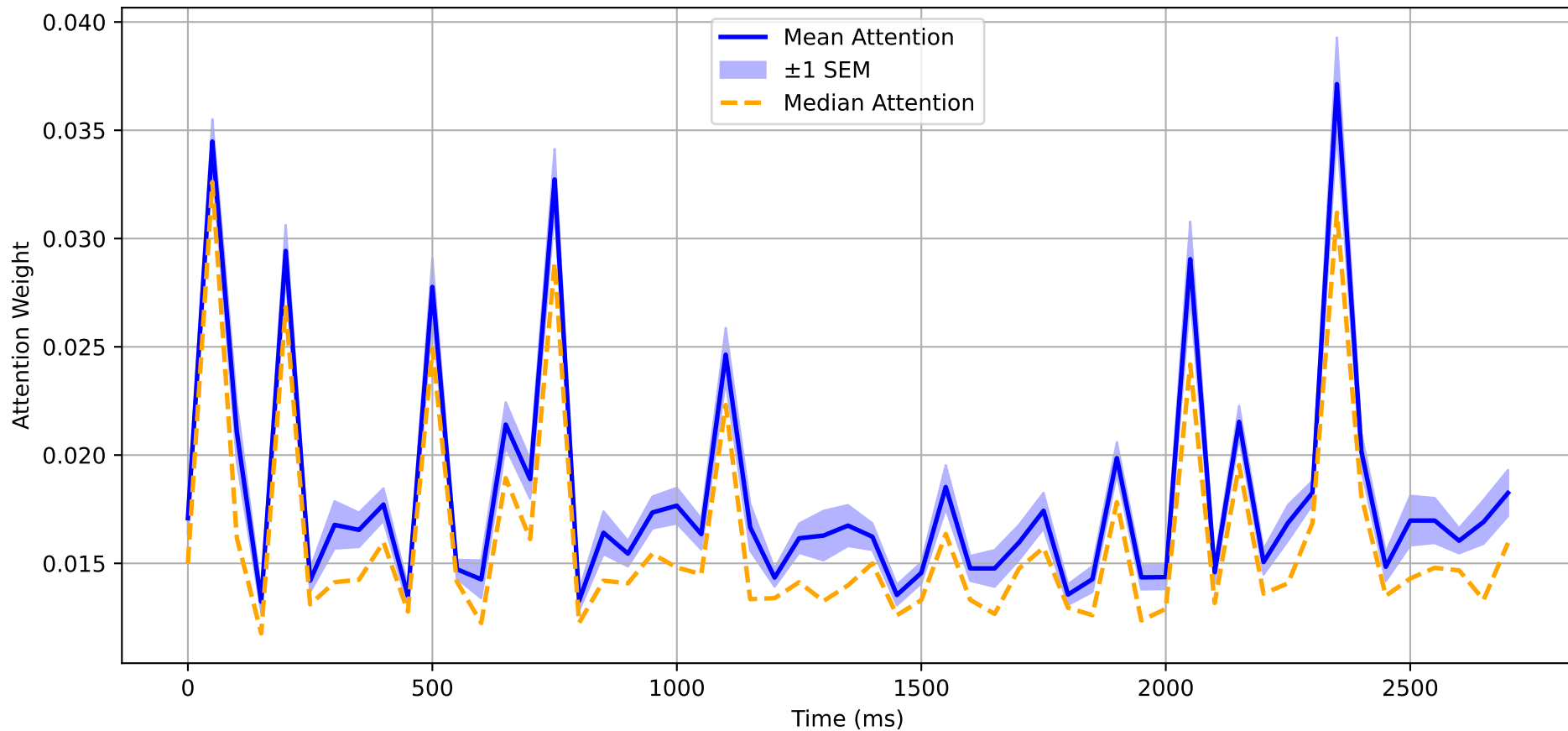


Average Burst Waveform from Top Attention Bins (All Test Samples)

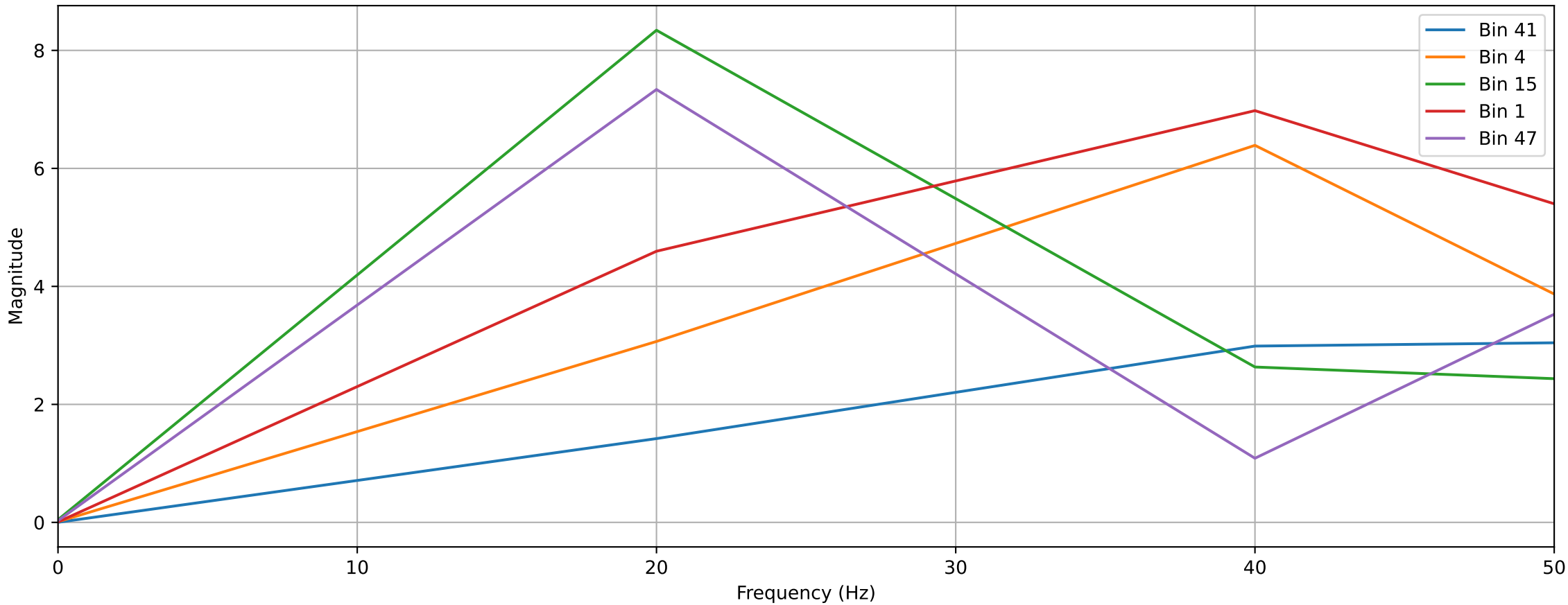




Mean & Median Attention Weights  $\pm$  SEM (This Subject)

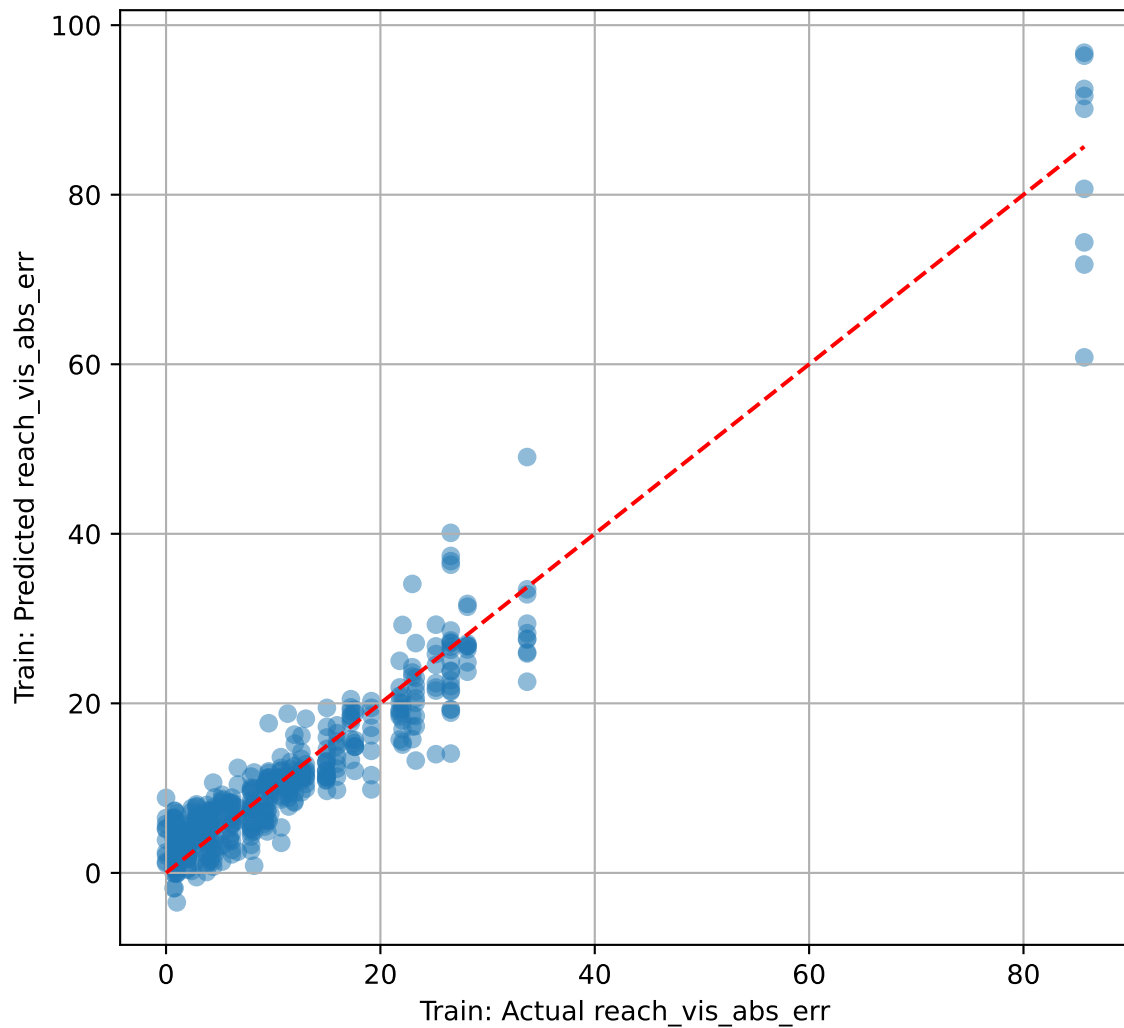


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

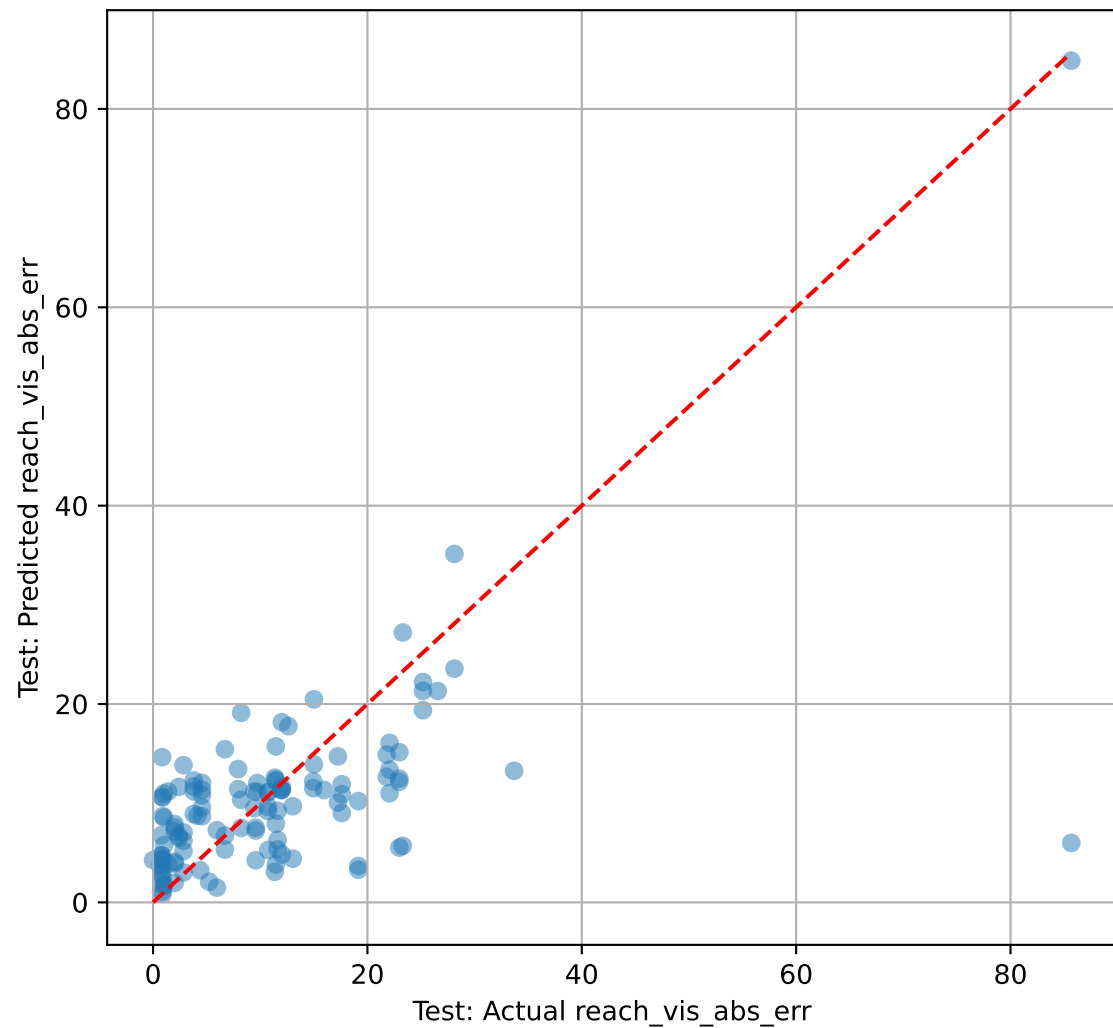


**sub-110**

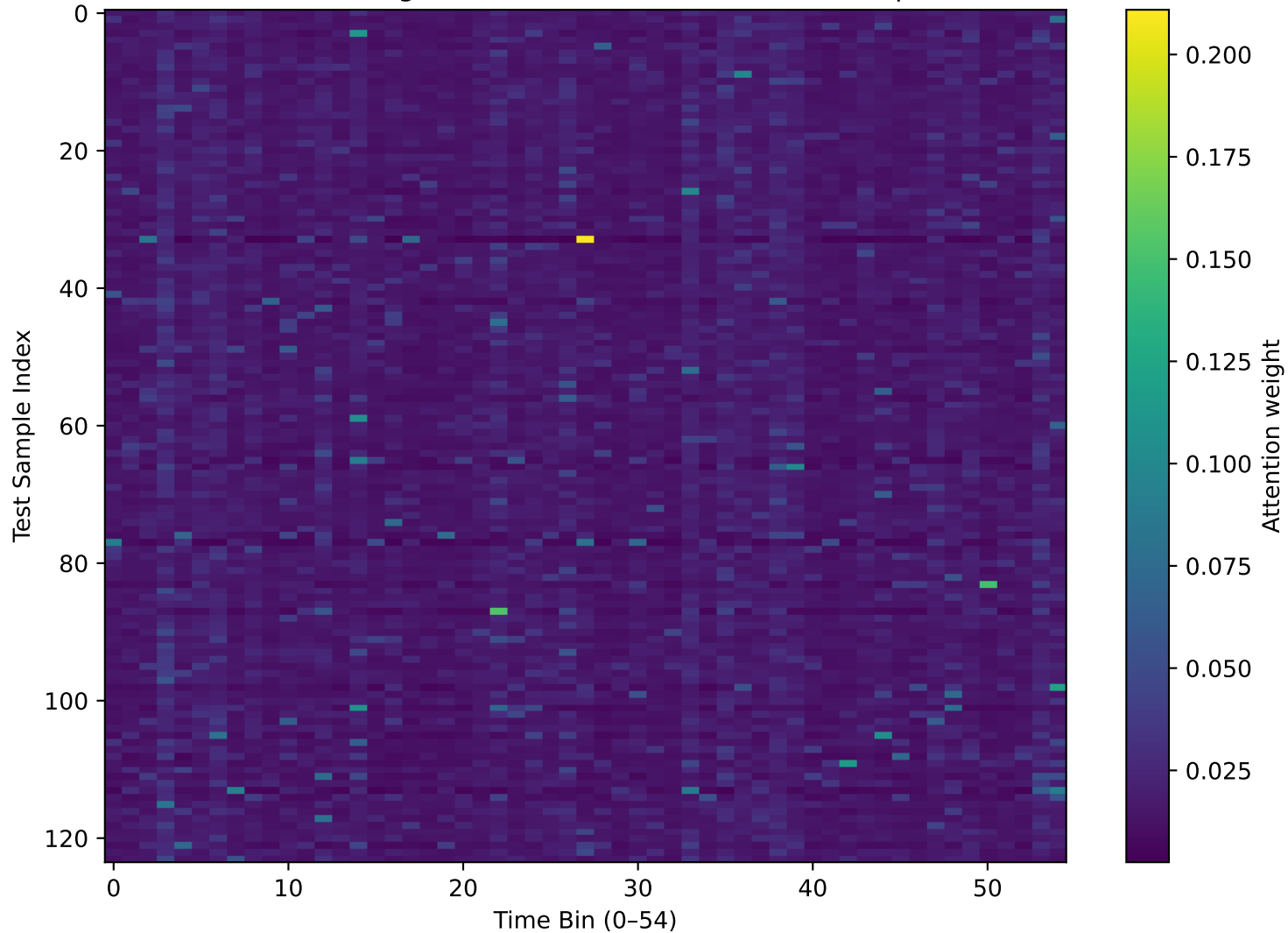
Train: Epoch 947  
MSE: 0.0814, R2: 0.9204



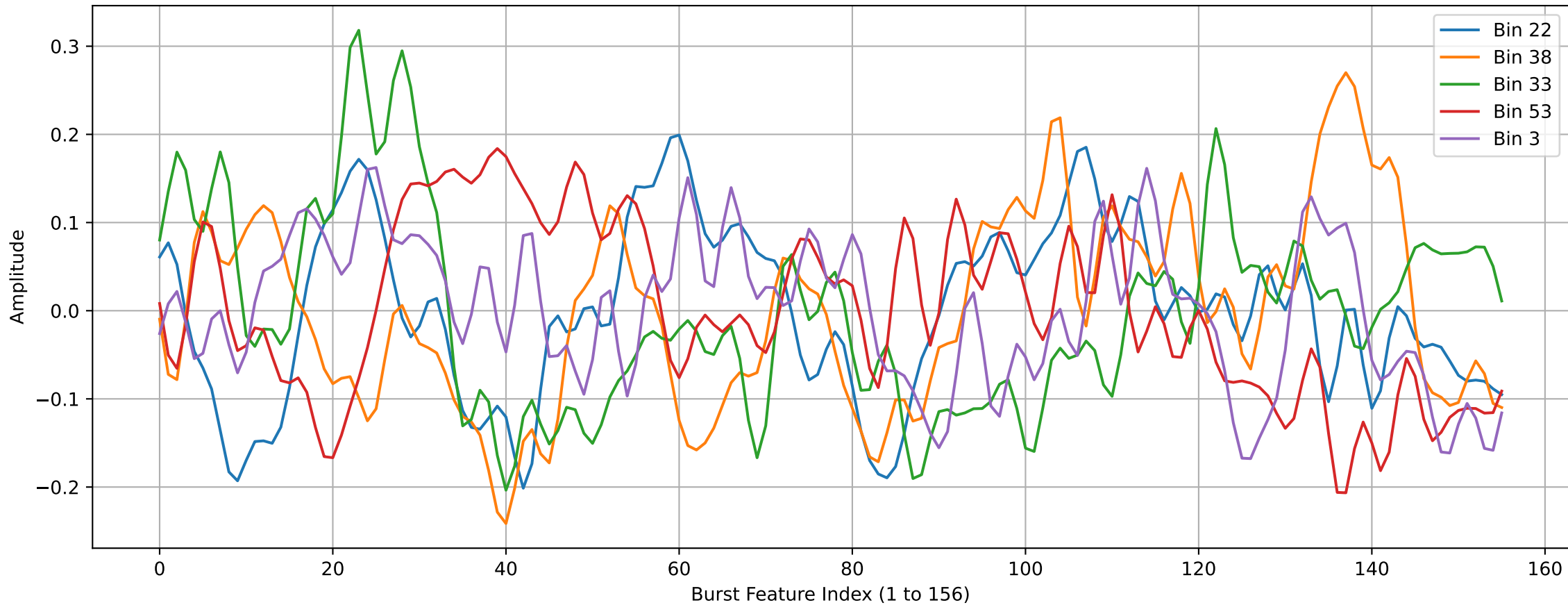
Val: Epoch 947  
MSE: 0.5427, R2: 0.4035



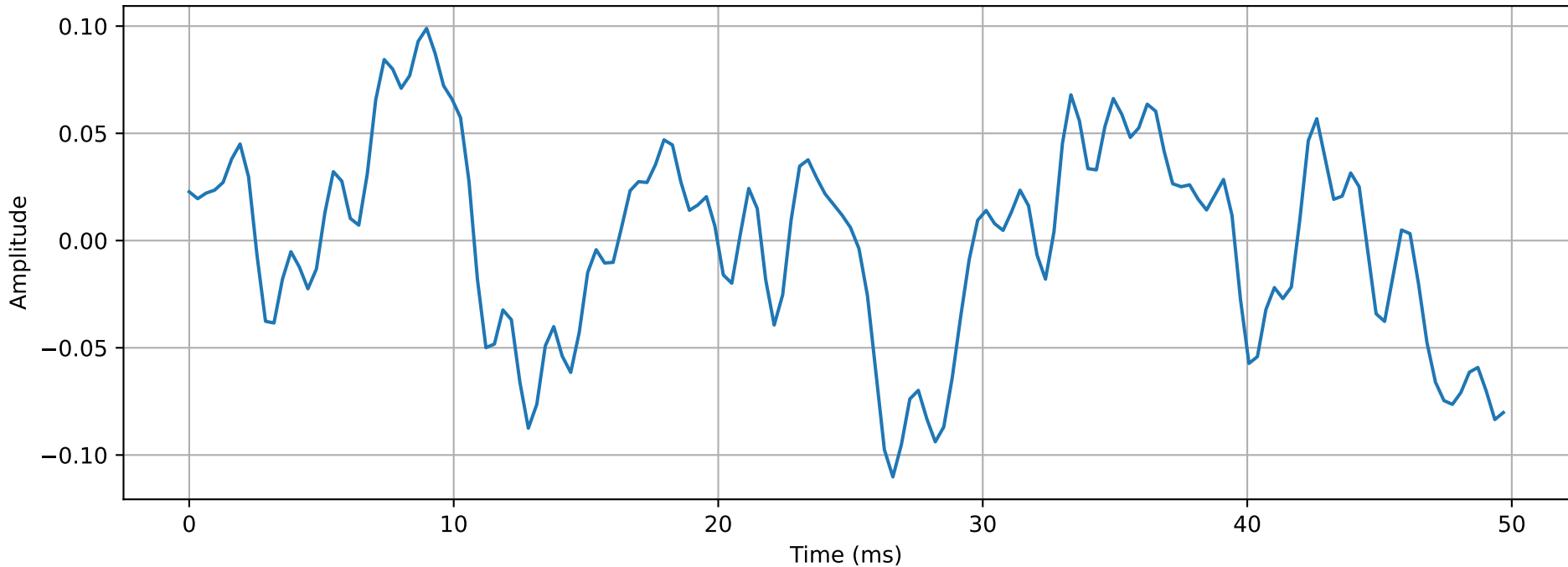
Attention Weights Across Time Bins (All Test Samples)



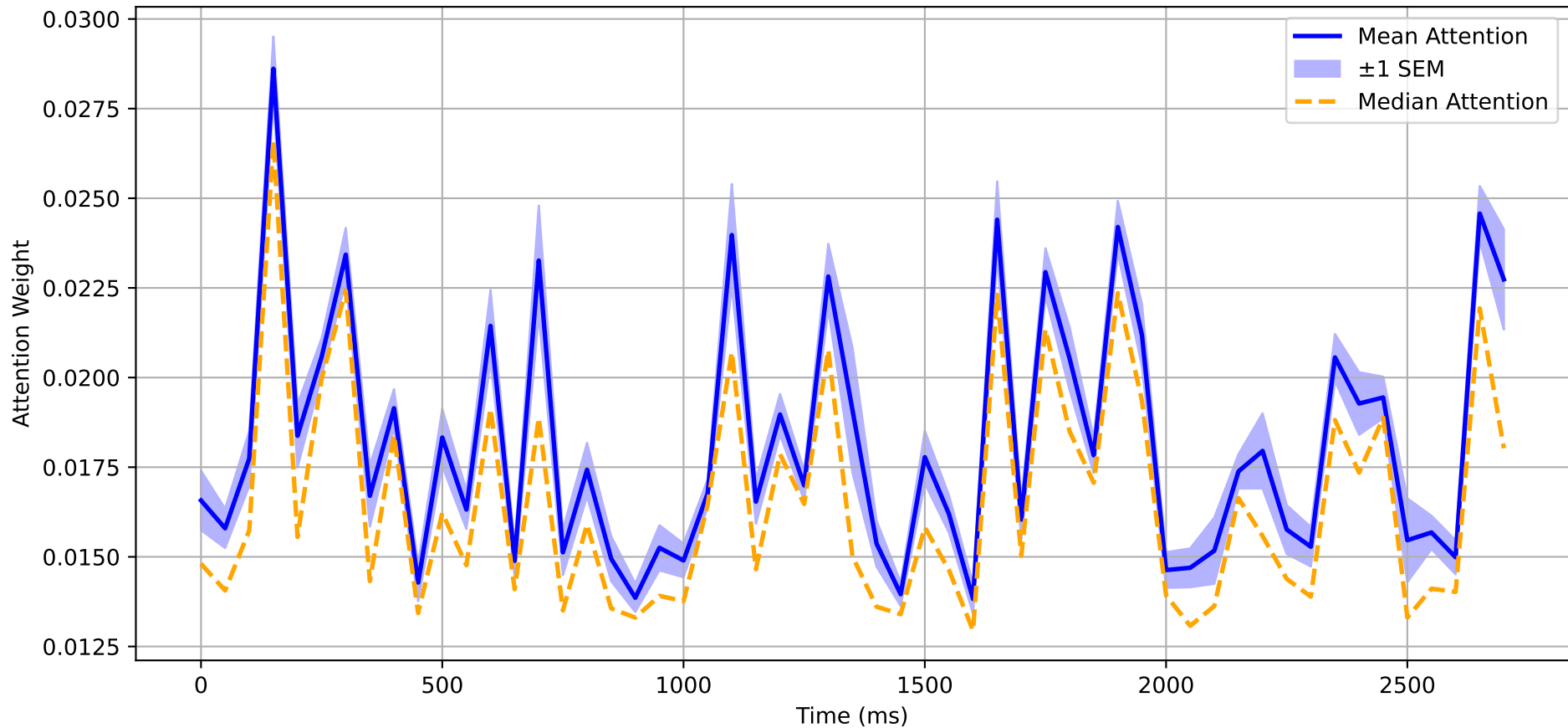
Waveform Shapes for Top Attention Bins (All Test Samples)



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

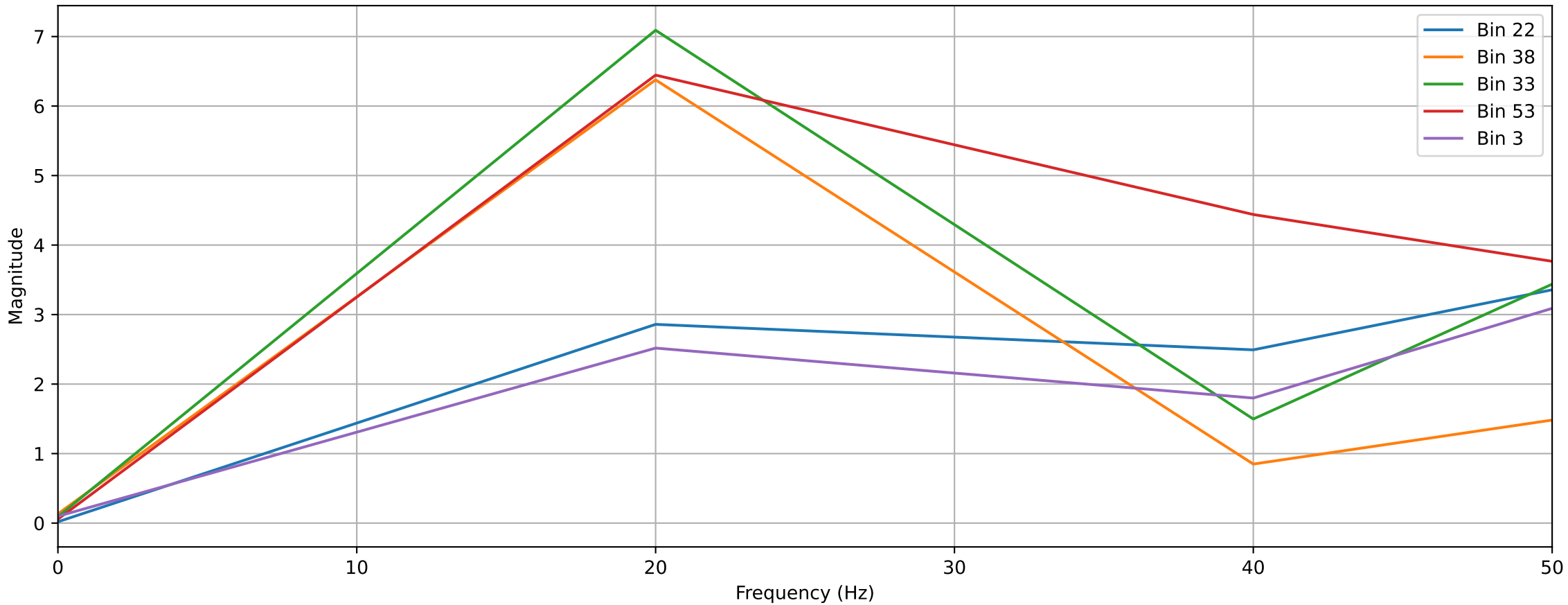


Mean & Median Attention Weights  $\pm$  SEM (This Subject)



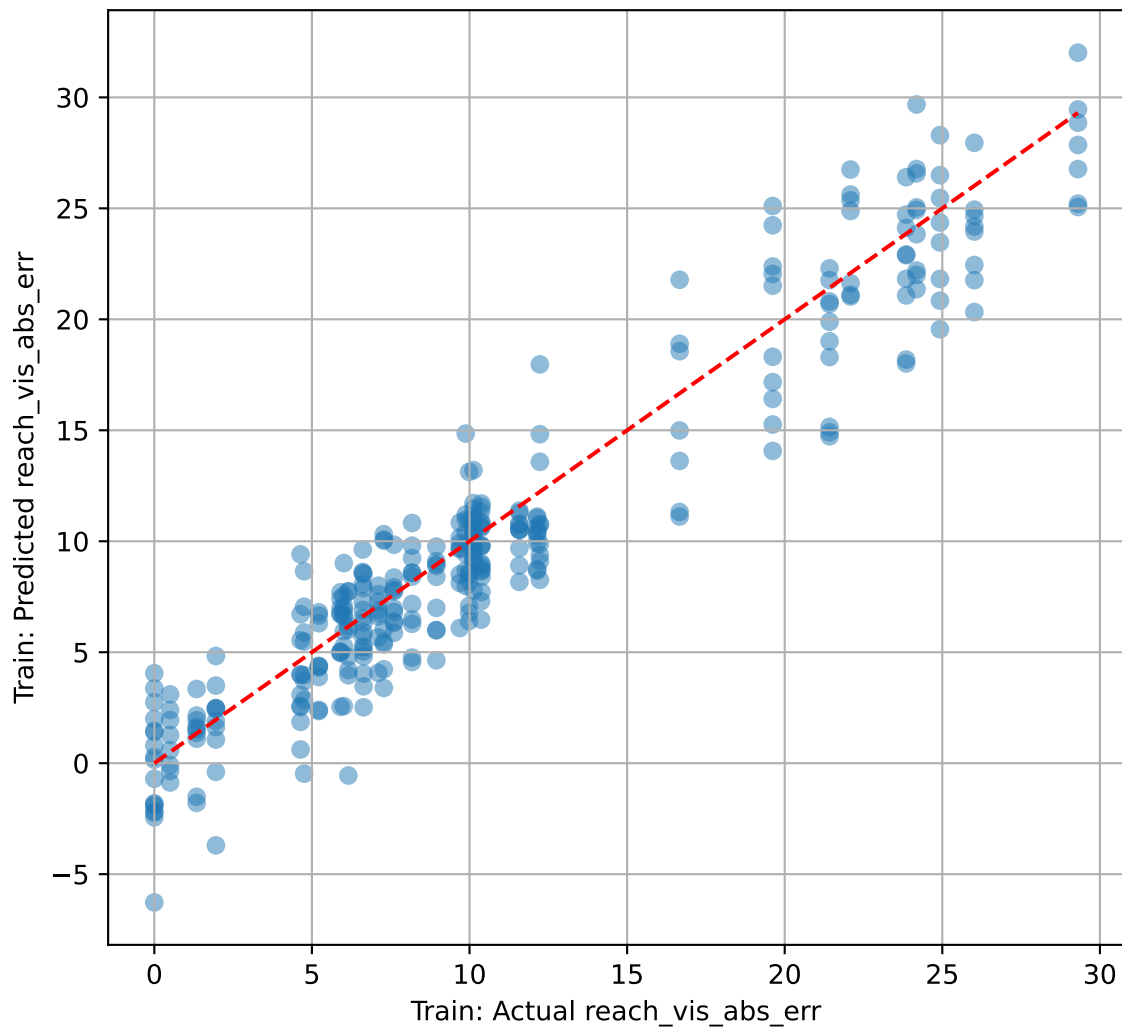


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

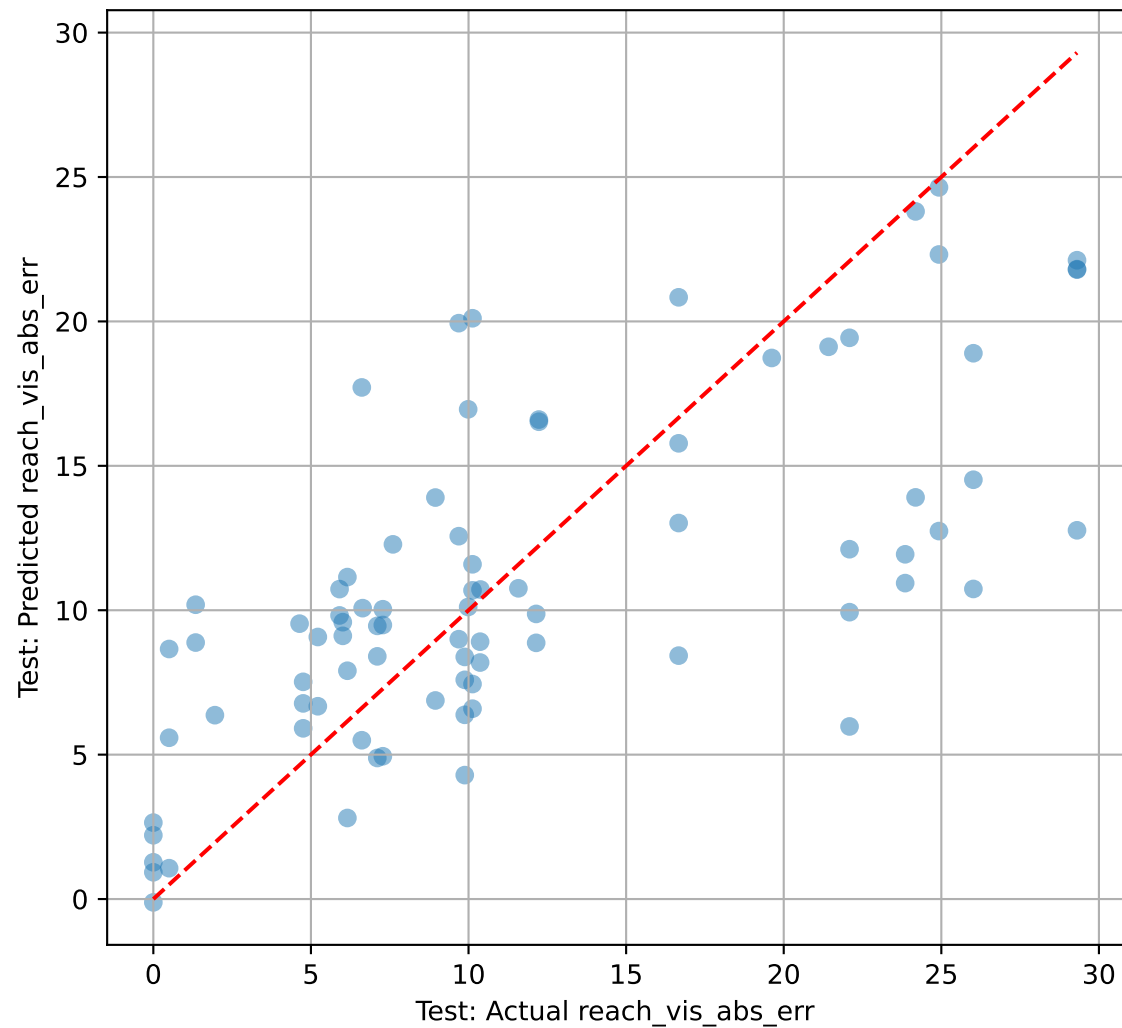


**sub-111**

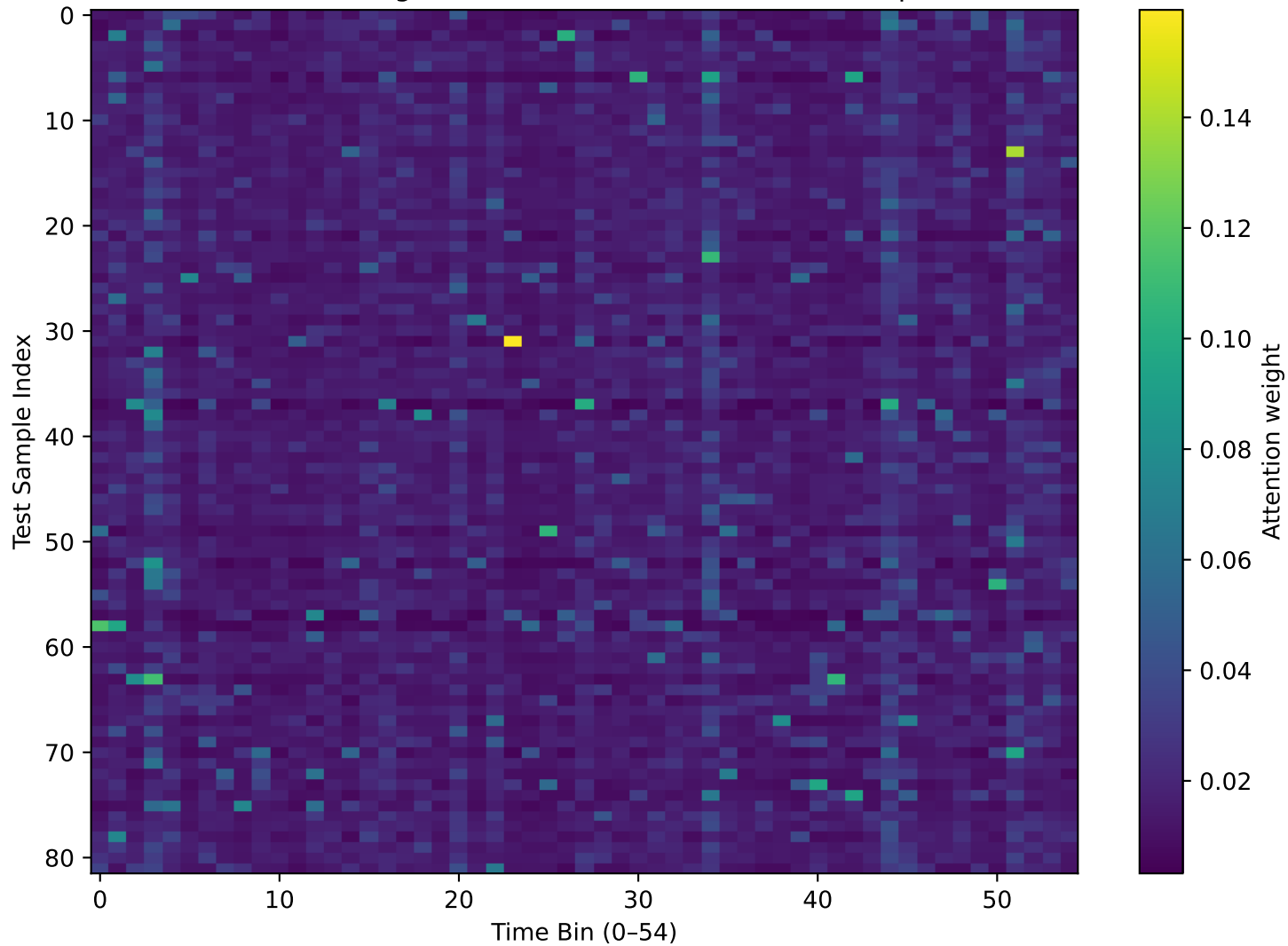
Train: Epoch 965  
MSE: 0.0921, R2: 0.9035



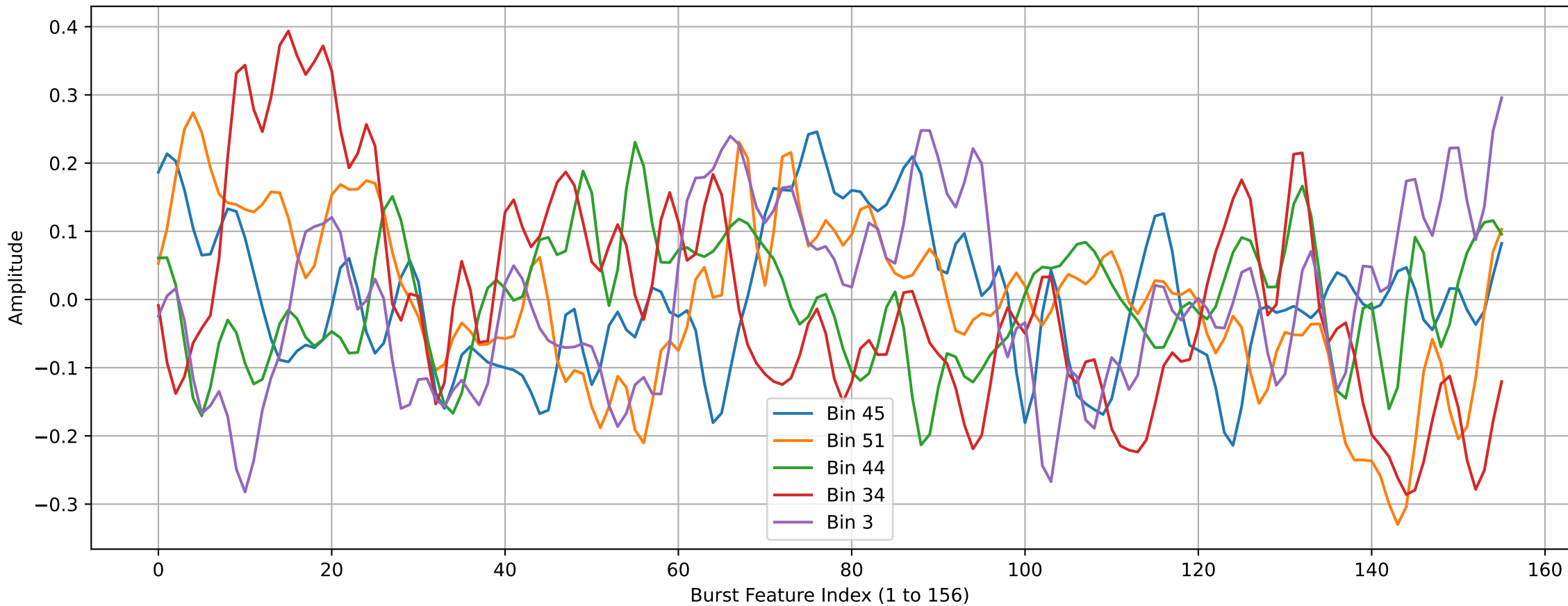
Val: Epoch 965  
MSE: 0.6172, R2: 0.4728



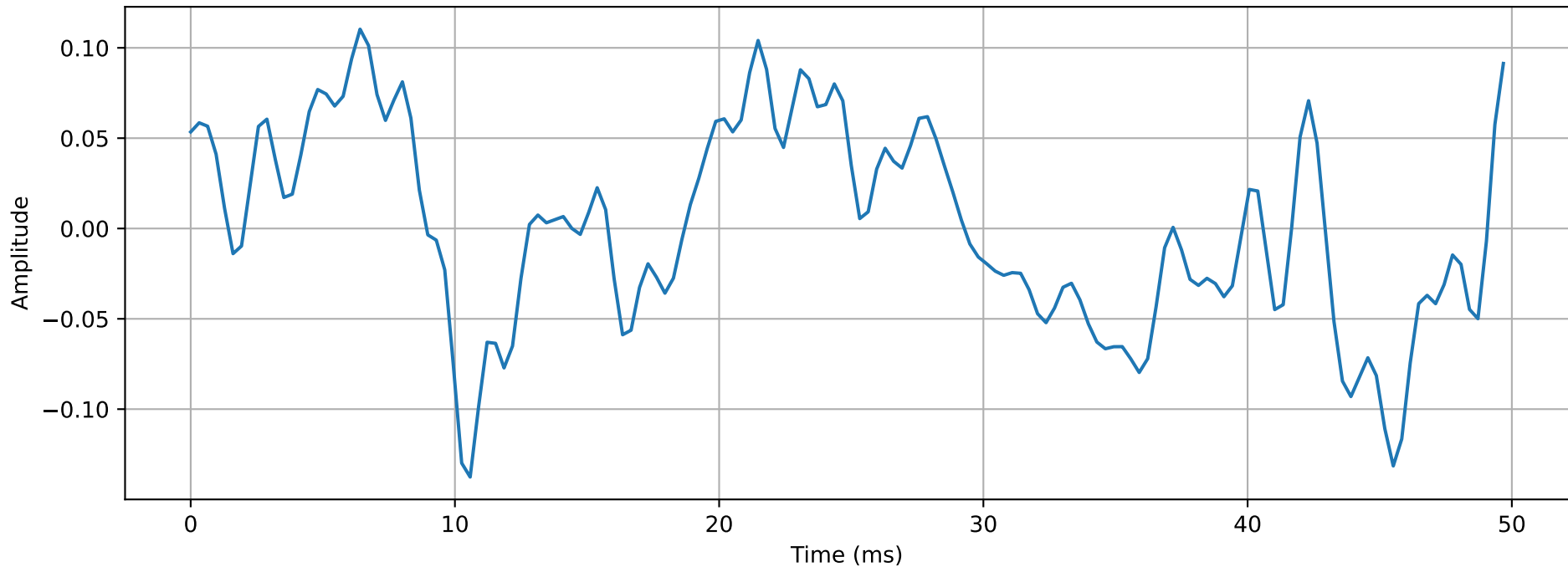
Attention Weights Across Time Bins (All Test Samples)



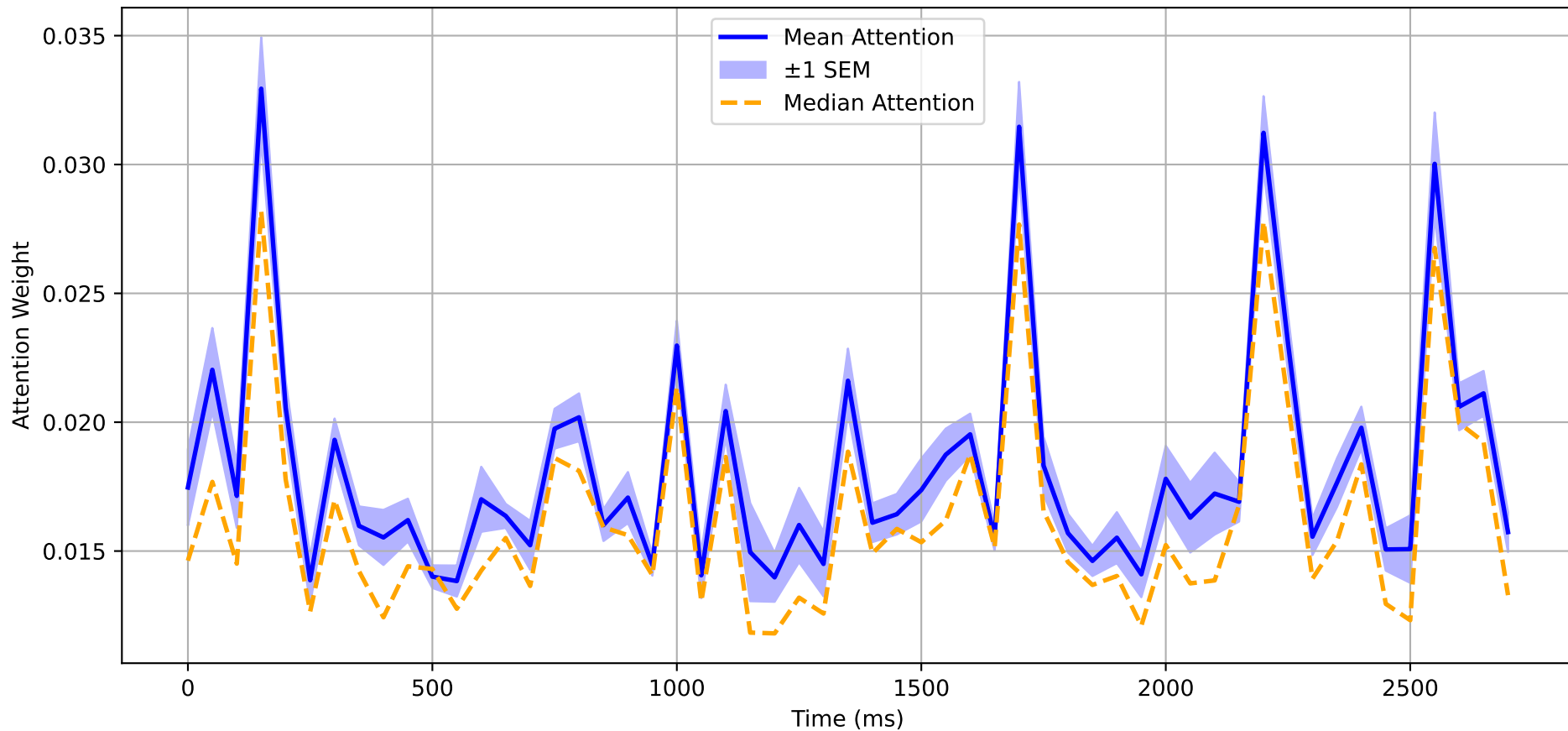
Waveform Shapes for Top Attention Bins (All Test Samples)



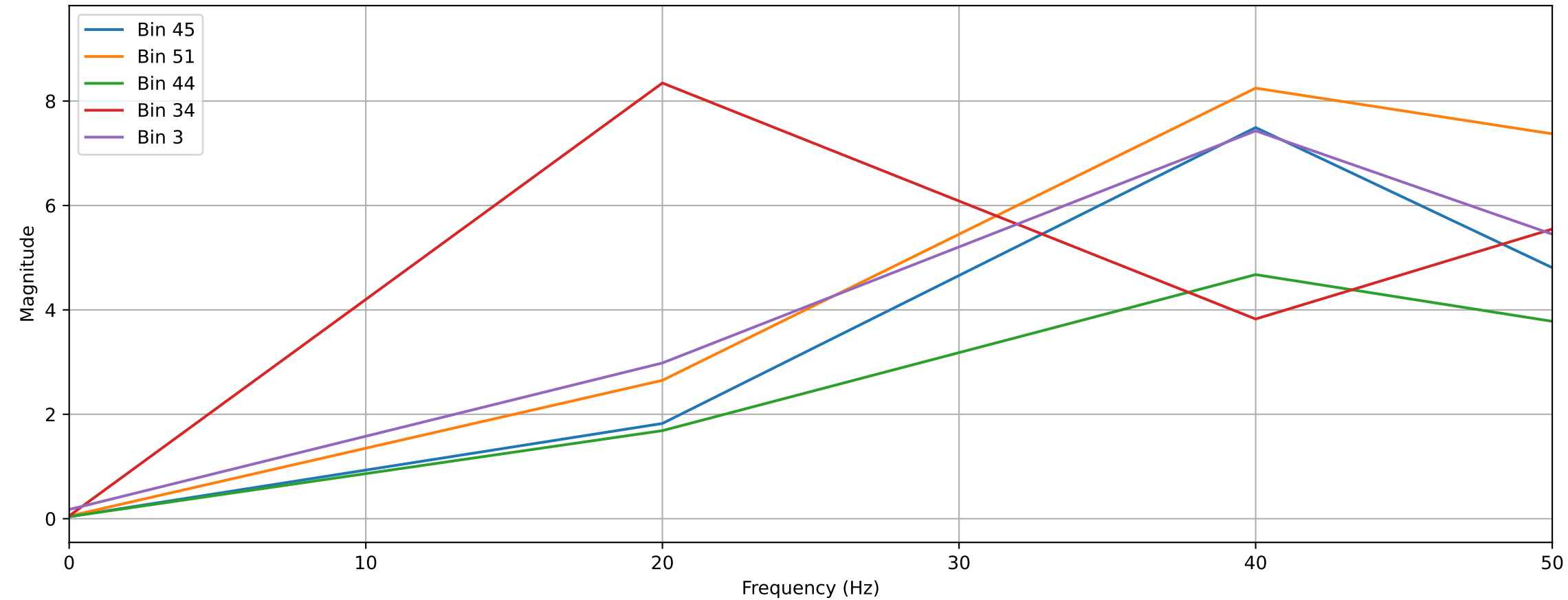
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)



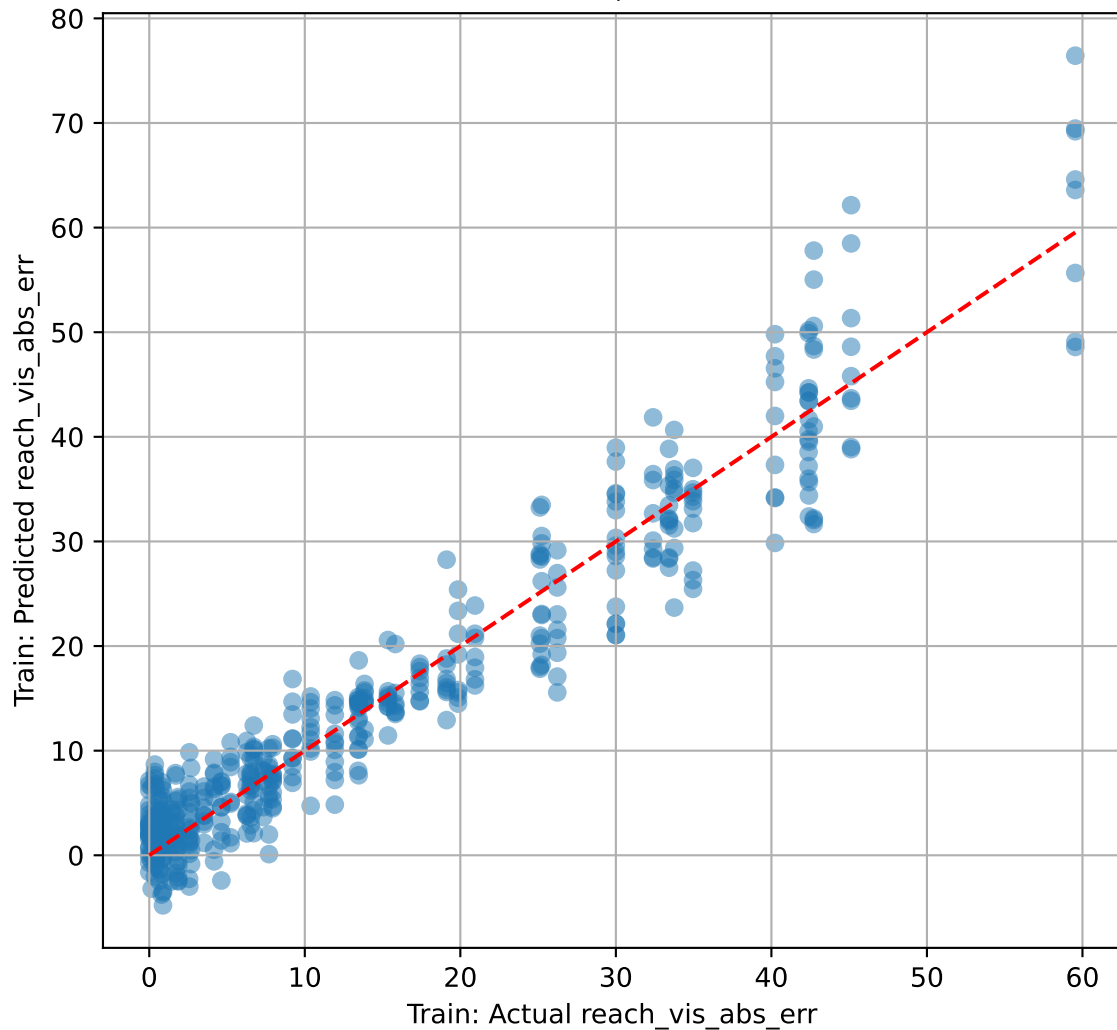
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



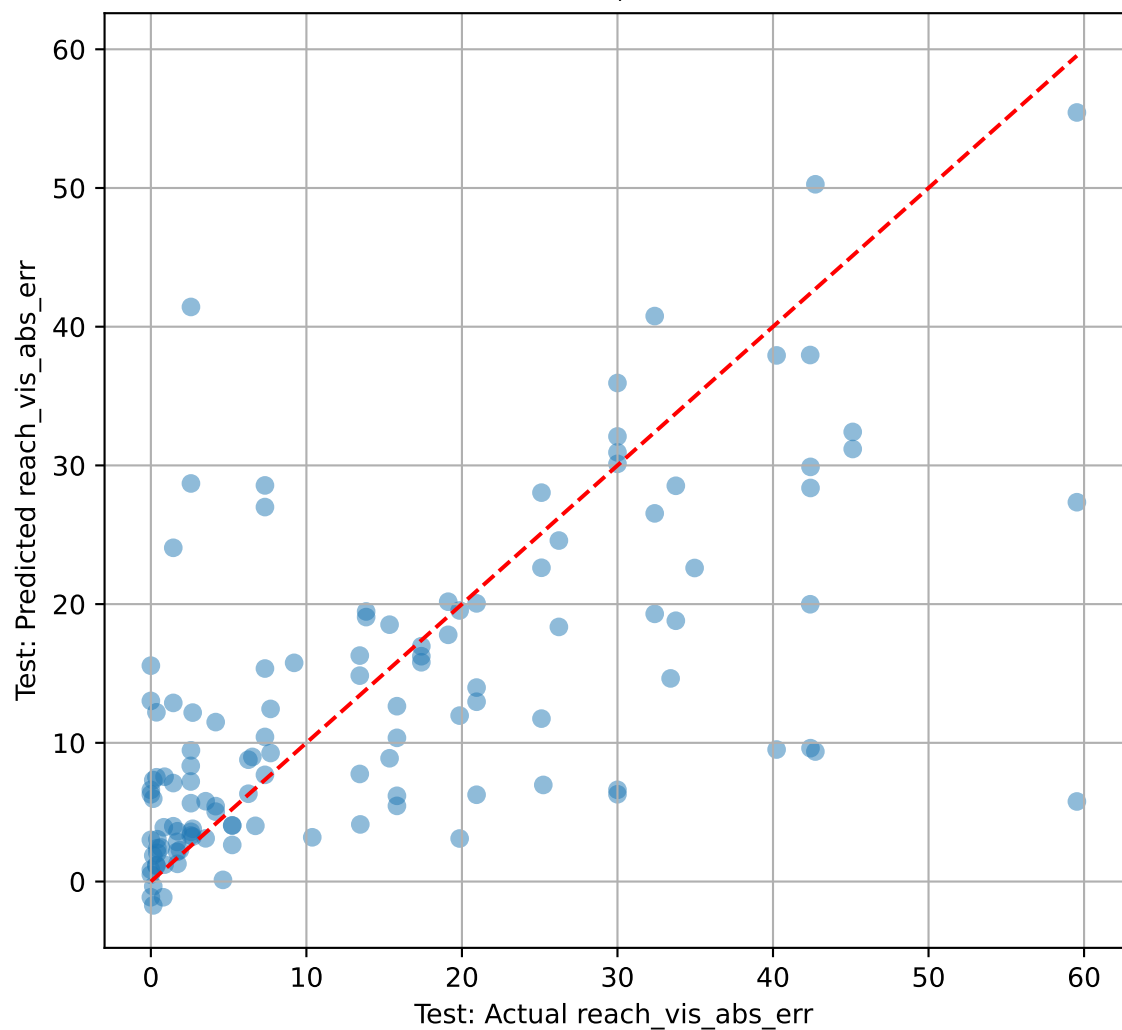


**sub-113**

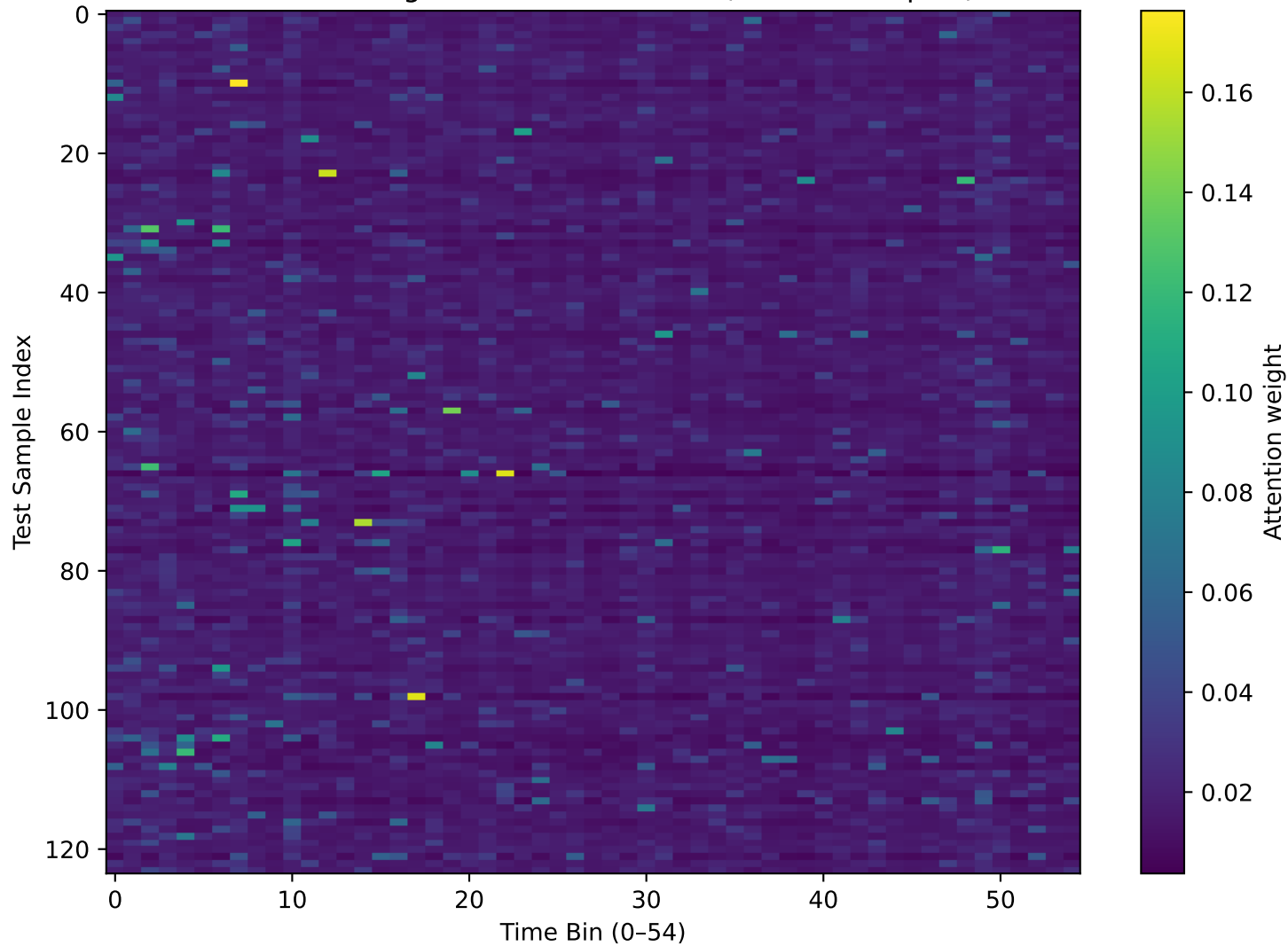
Train: Epoch 904  
MSE: 0.0765, R2: 0.9225



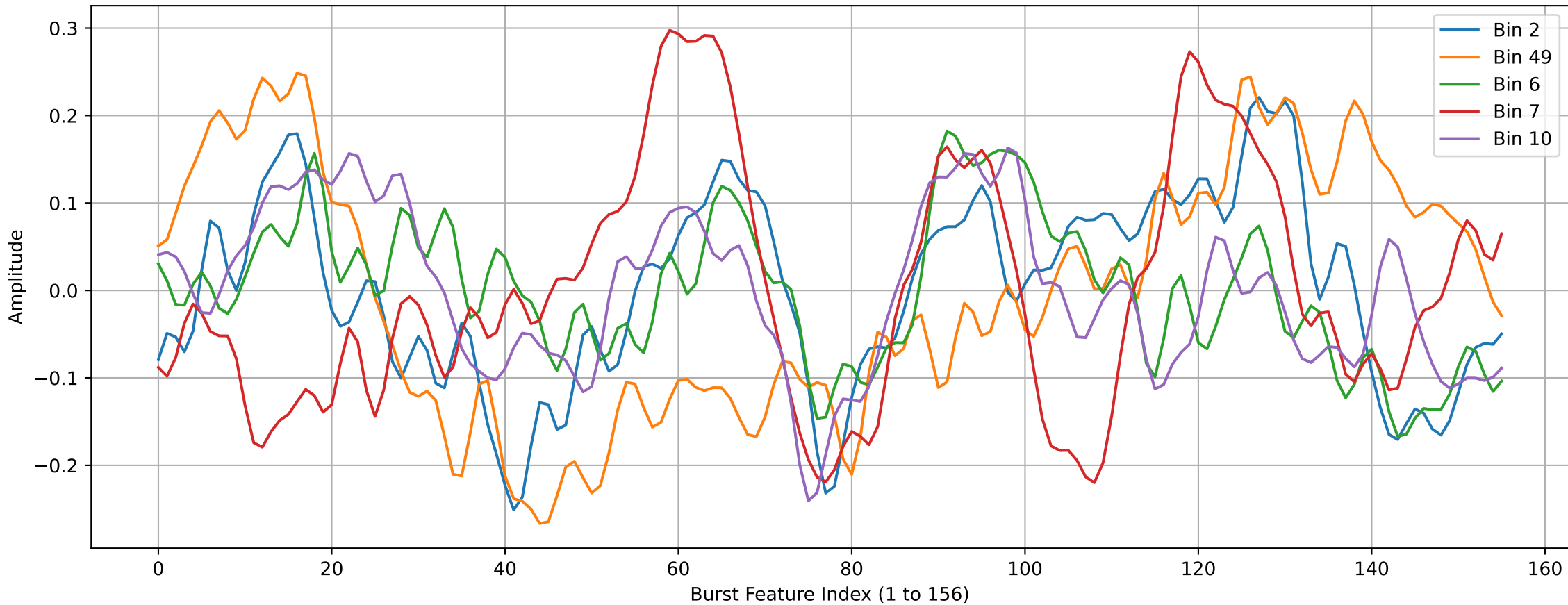
Val: Epoch 904  
MSE: 0.6210, R2: 0.4089



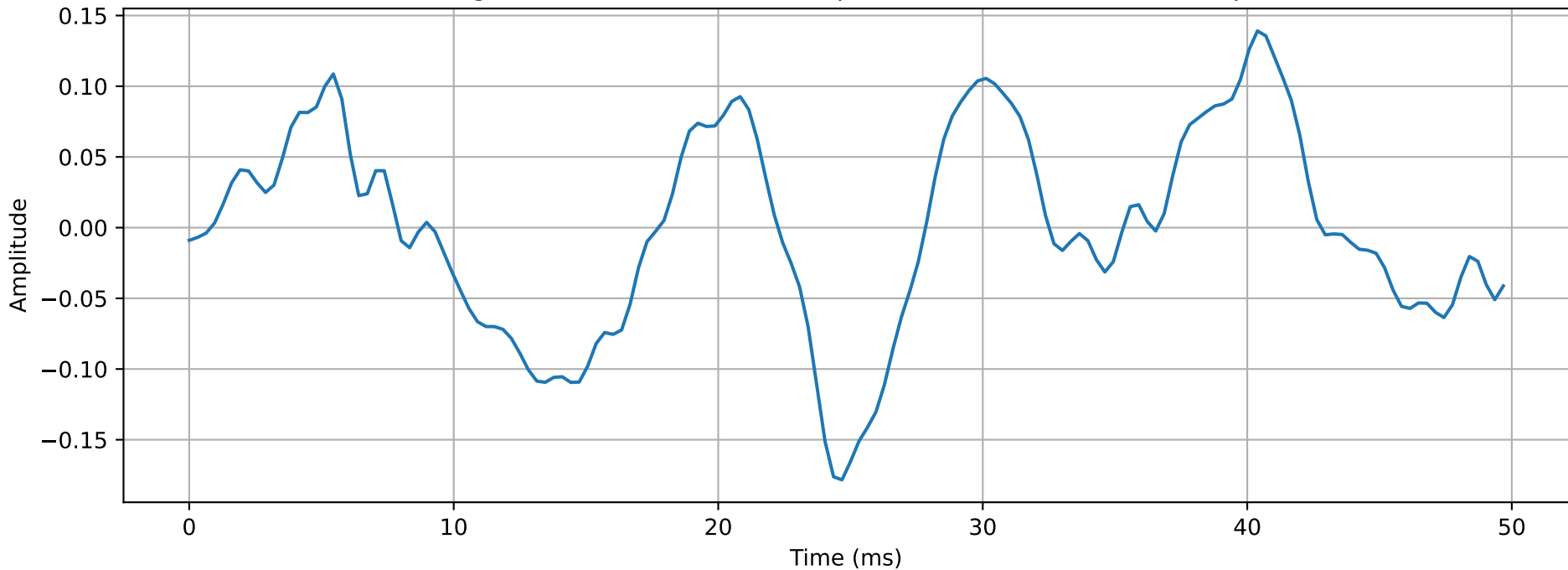
Attention Weights Across Time Bins (All Test Samples)



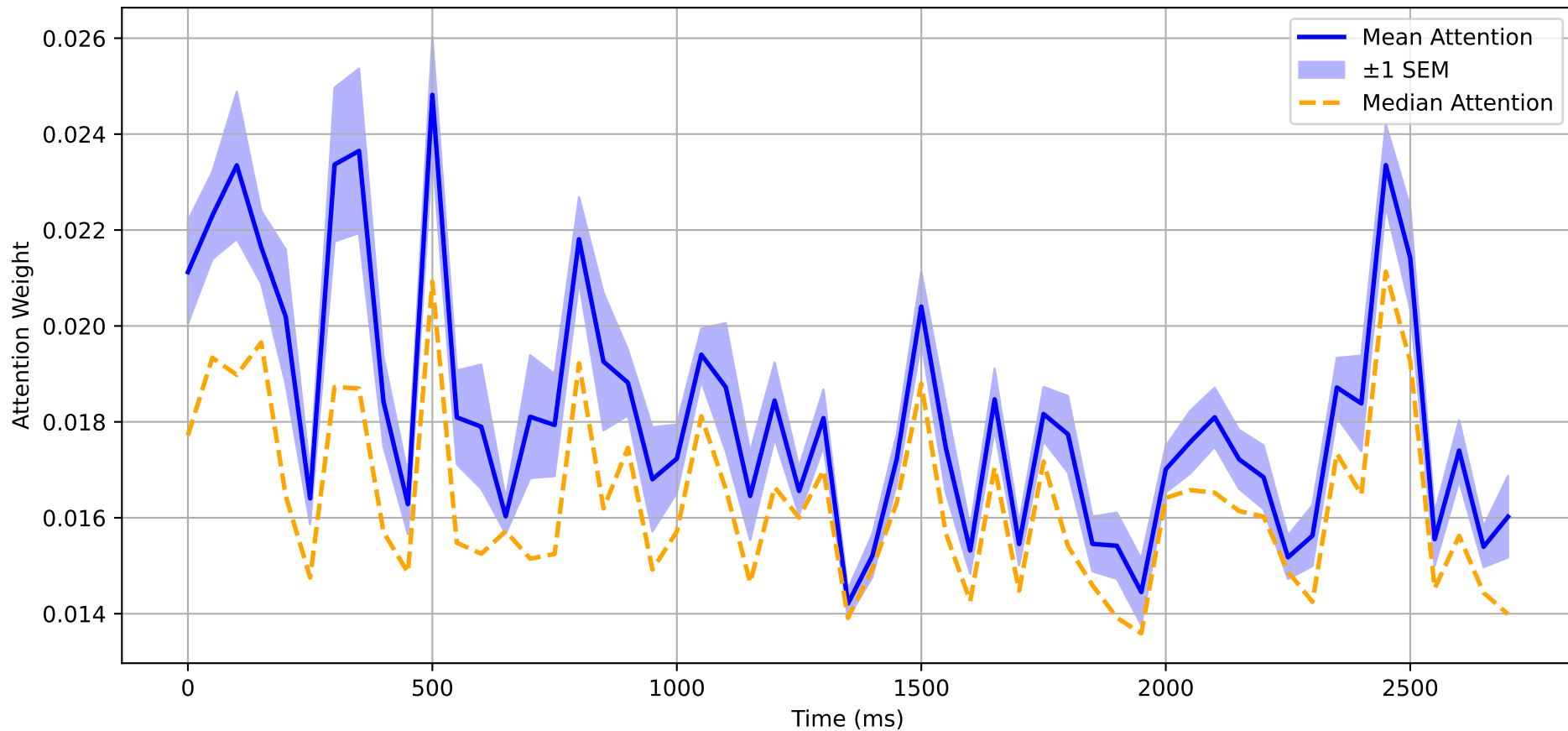
Waveform Shapes for Top Attention Bins (All Test Samples)



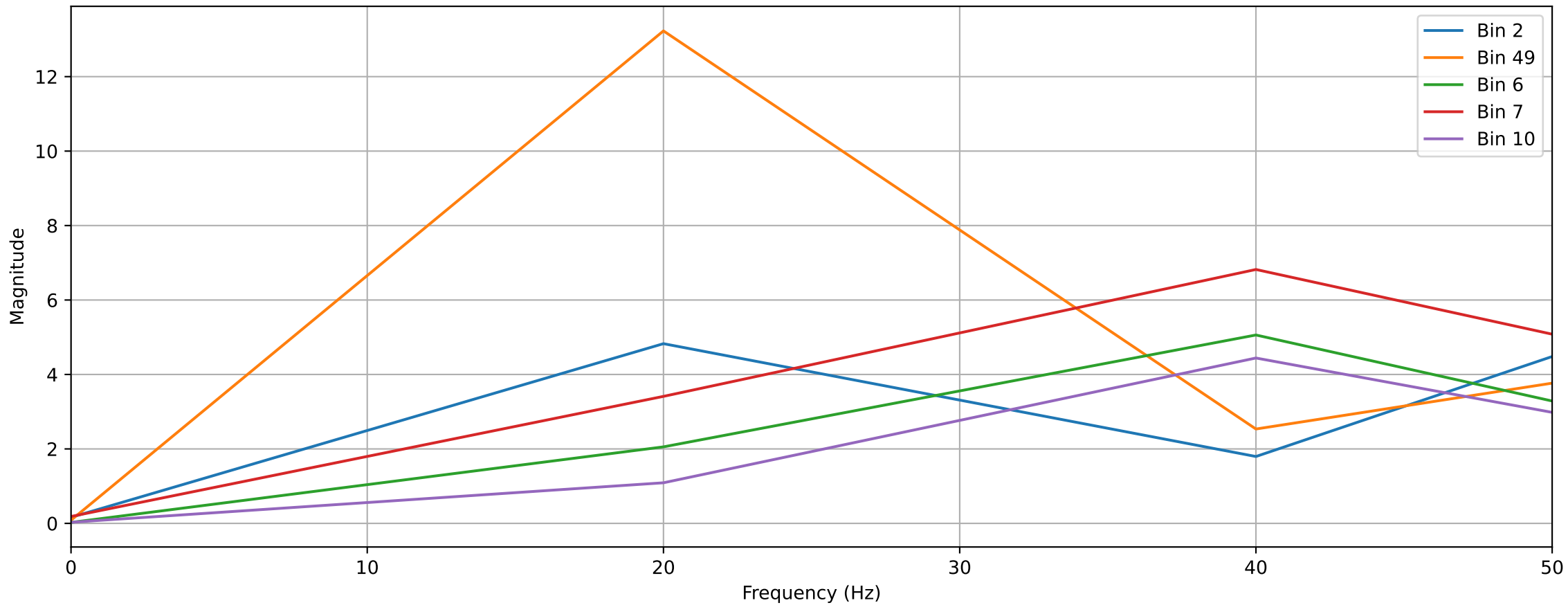
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)



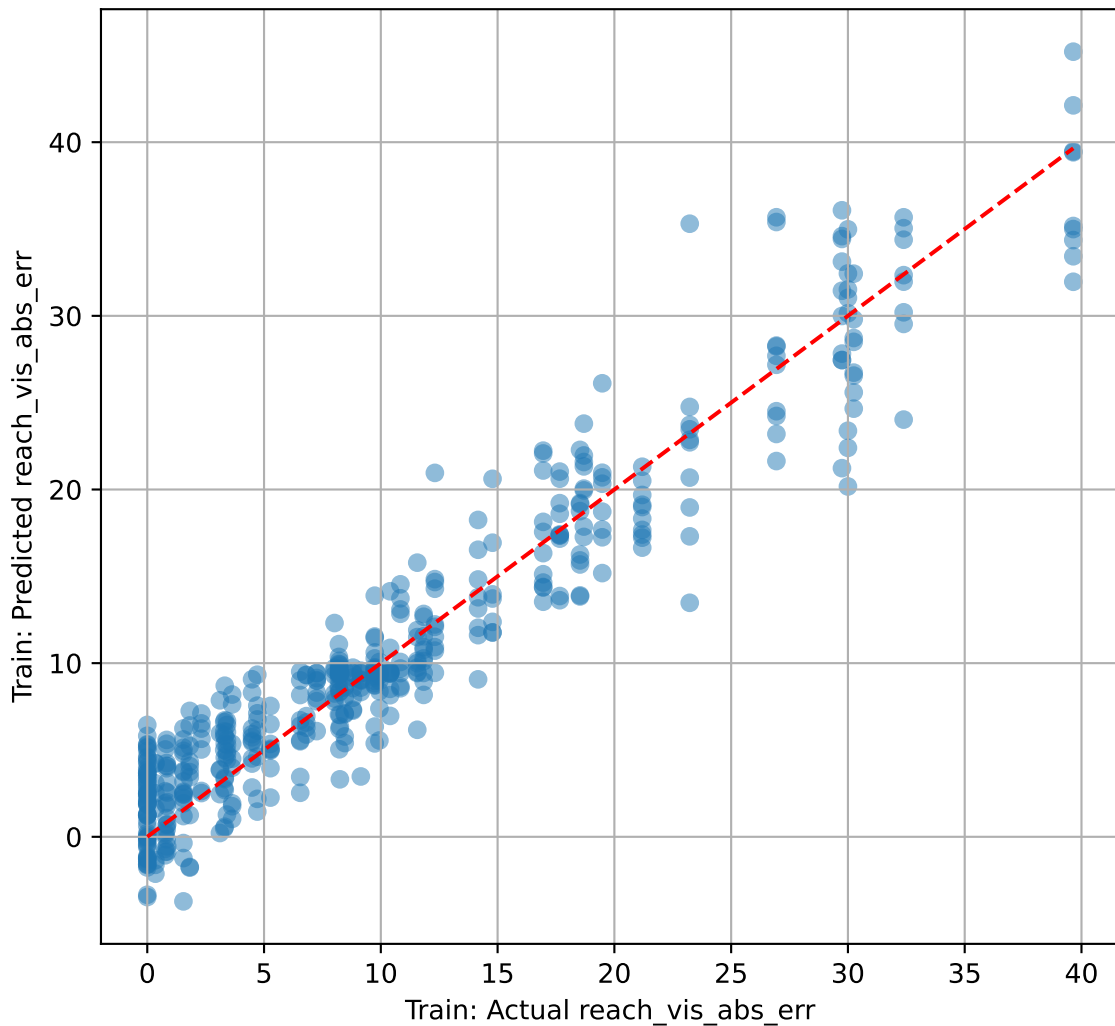
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



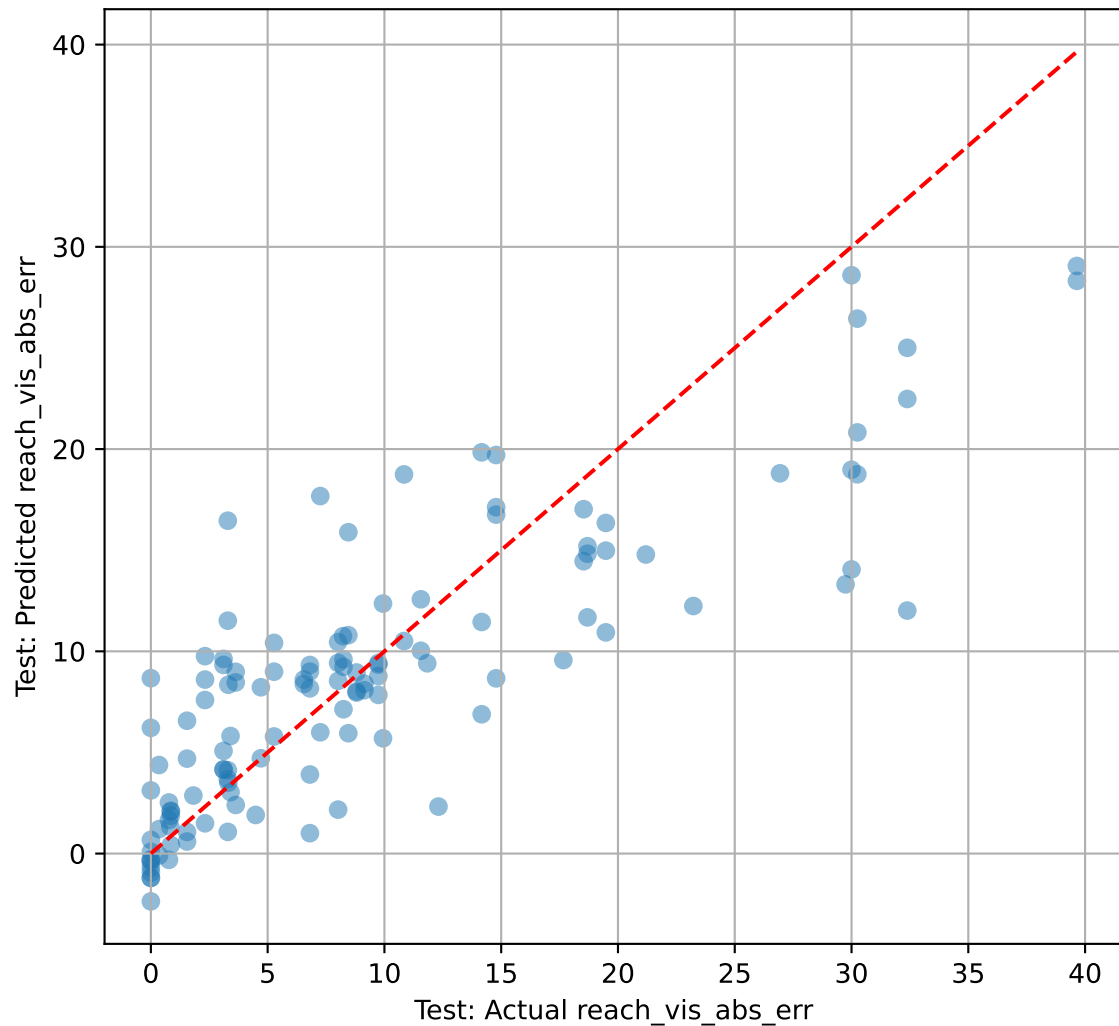
**sub-114**



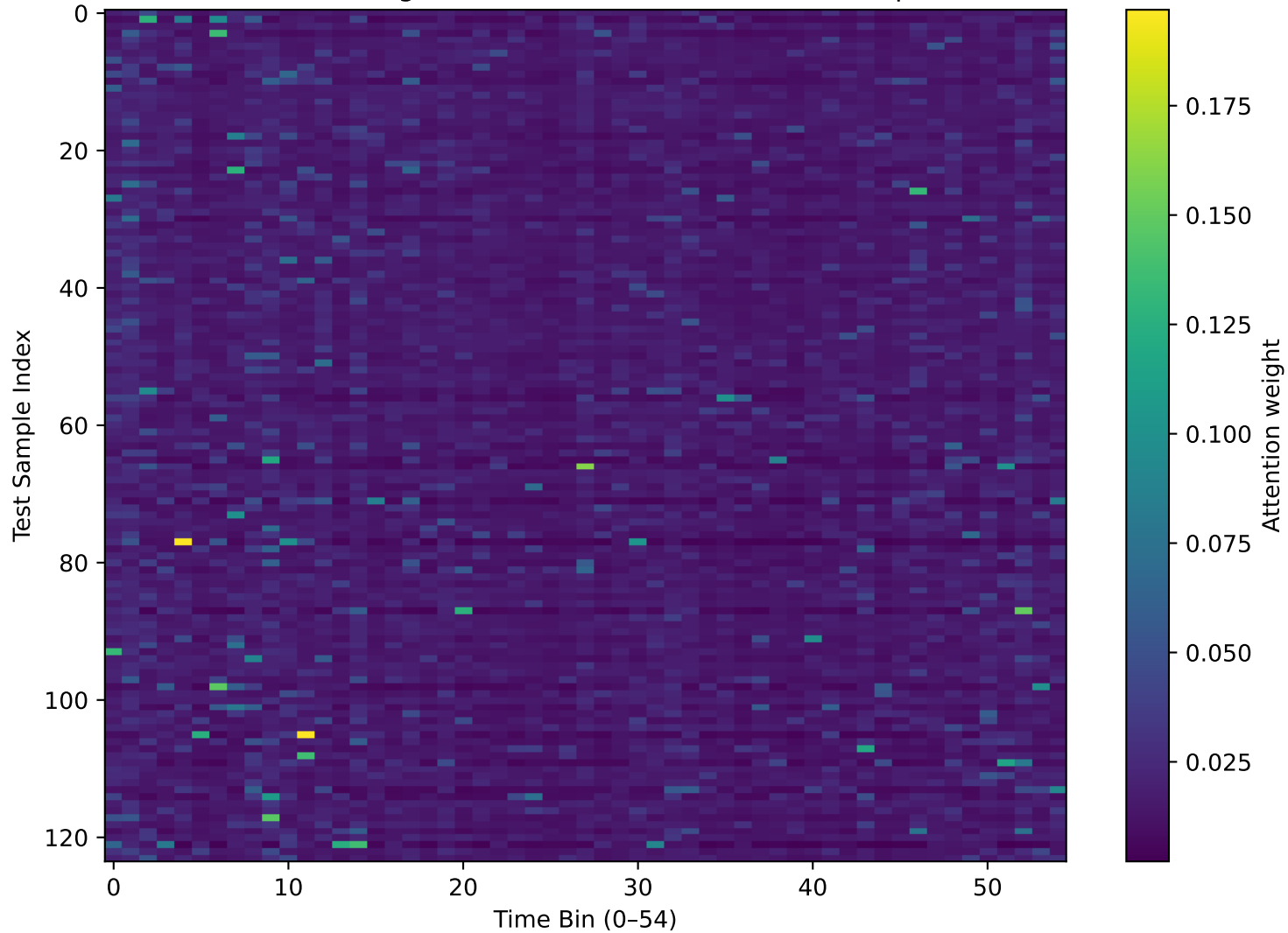
Train: Epoch 966  
MSE: 0.0861, R2: 0.9142



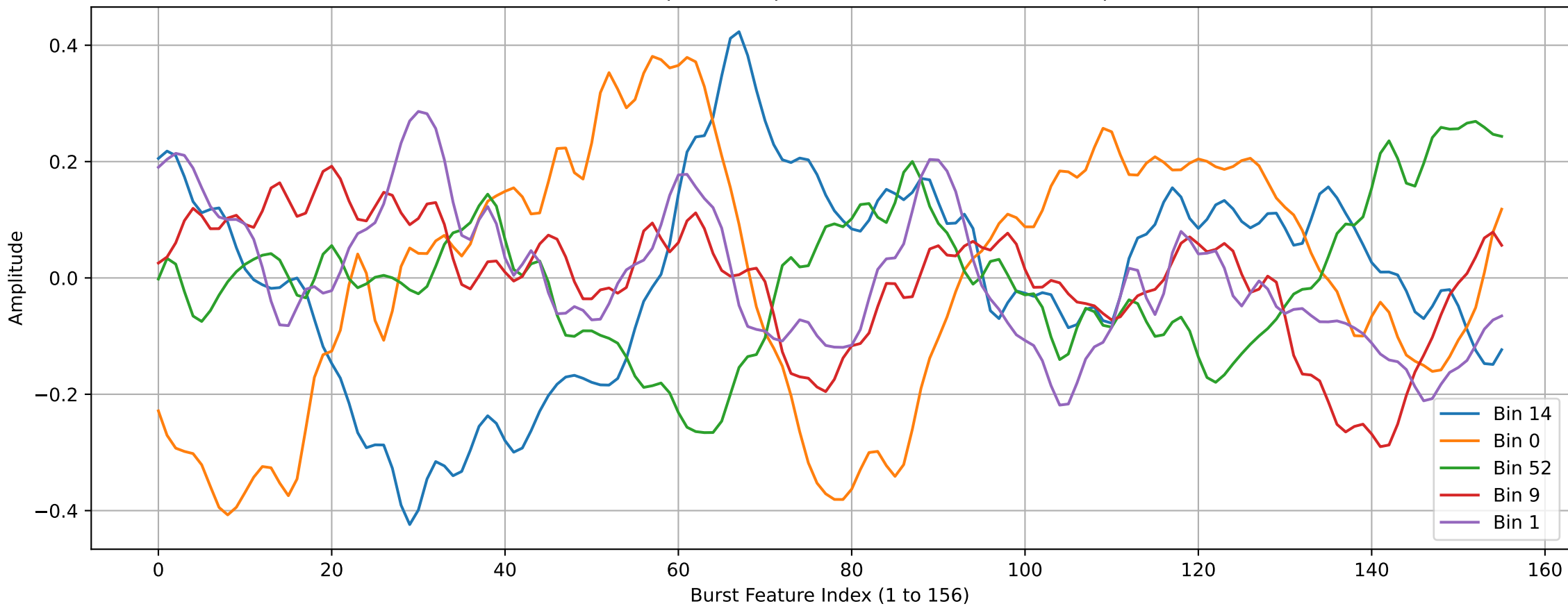
Val: Epoch 966  
MSE: 0.3146, R2: 0.6796



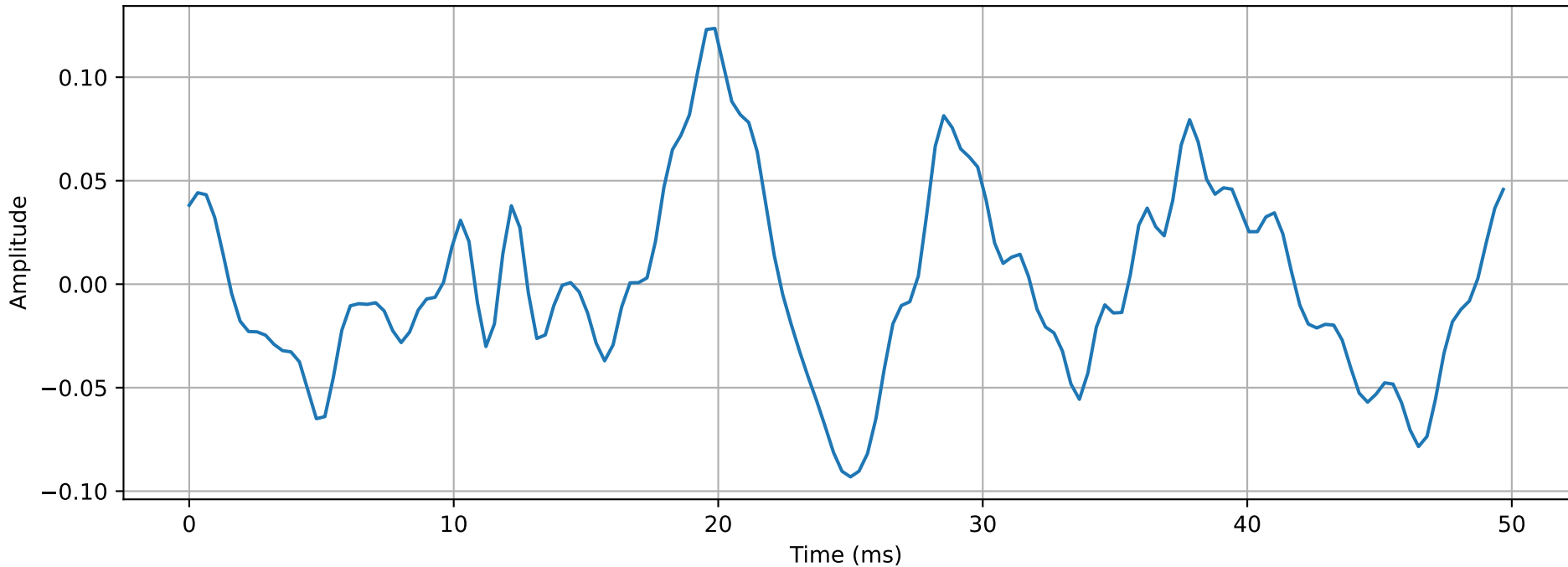
Attention Weights Across Time Bins (All Test Samples)



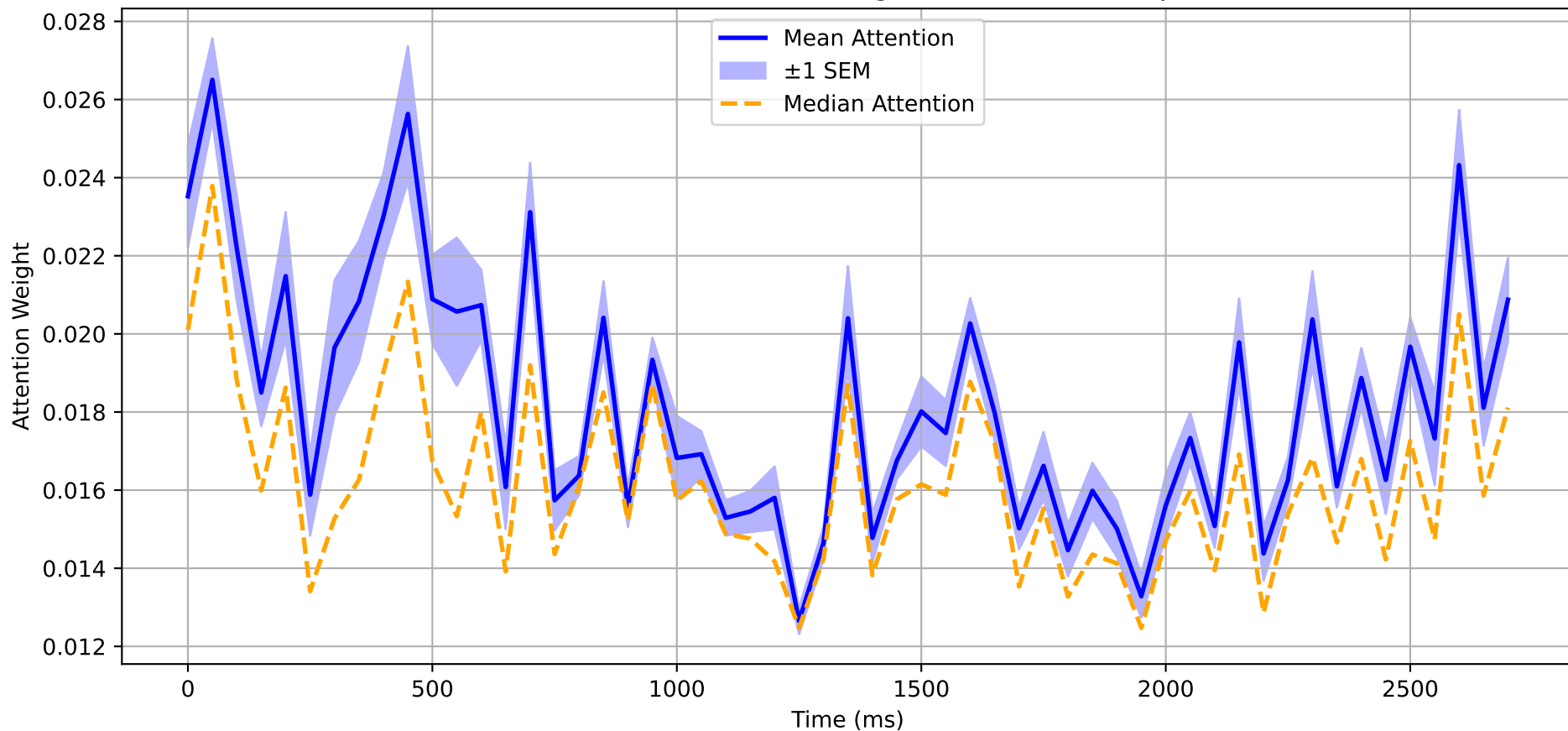
Waveform Shapes for Top Attention Bins (All Test Samples)



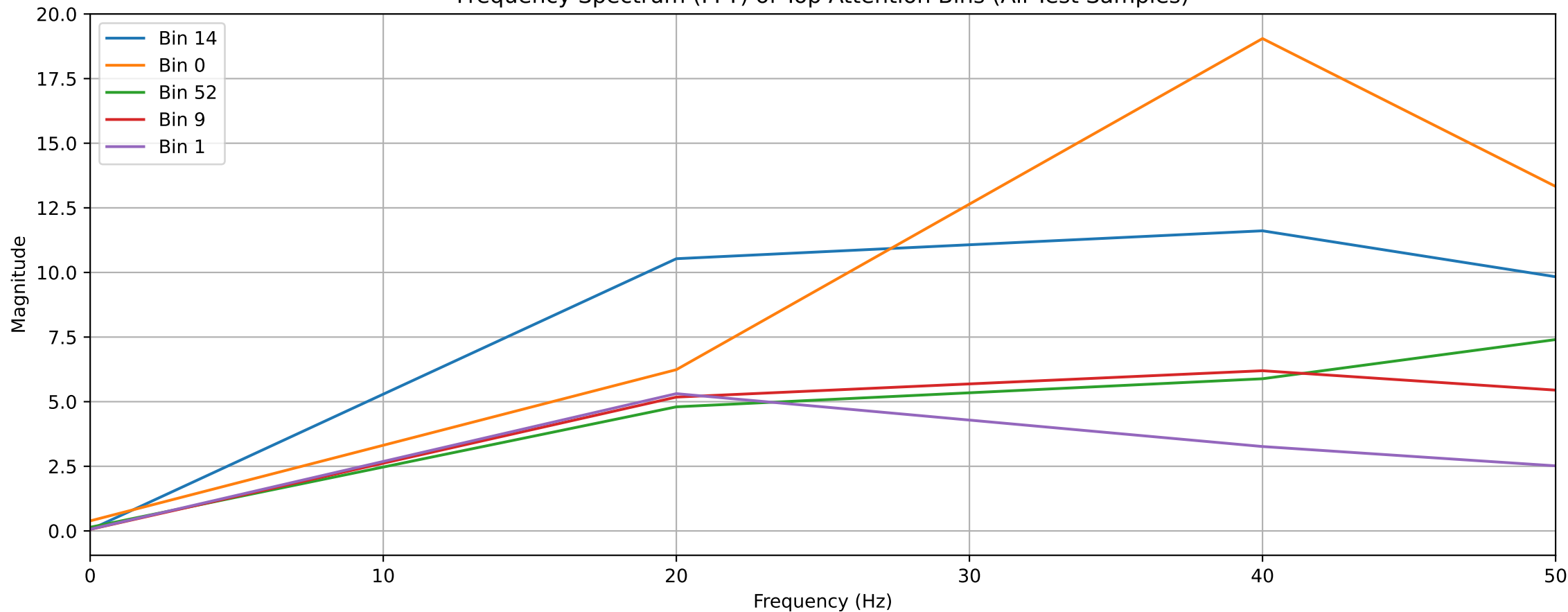
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

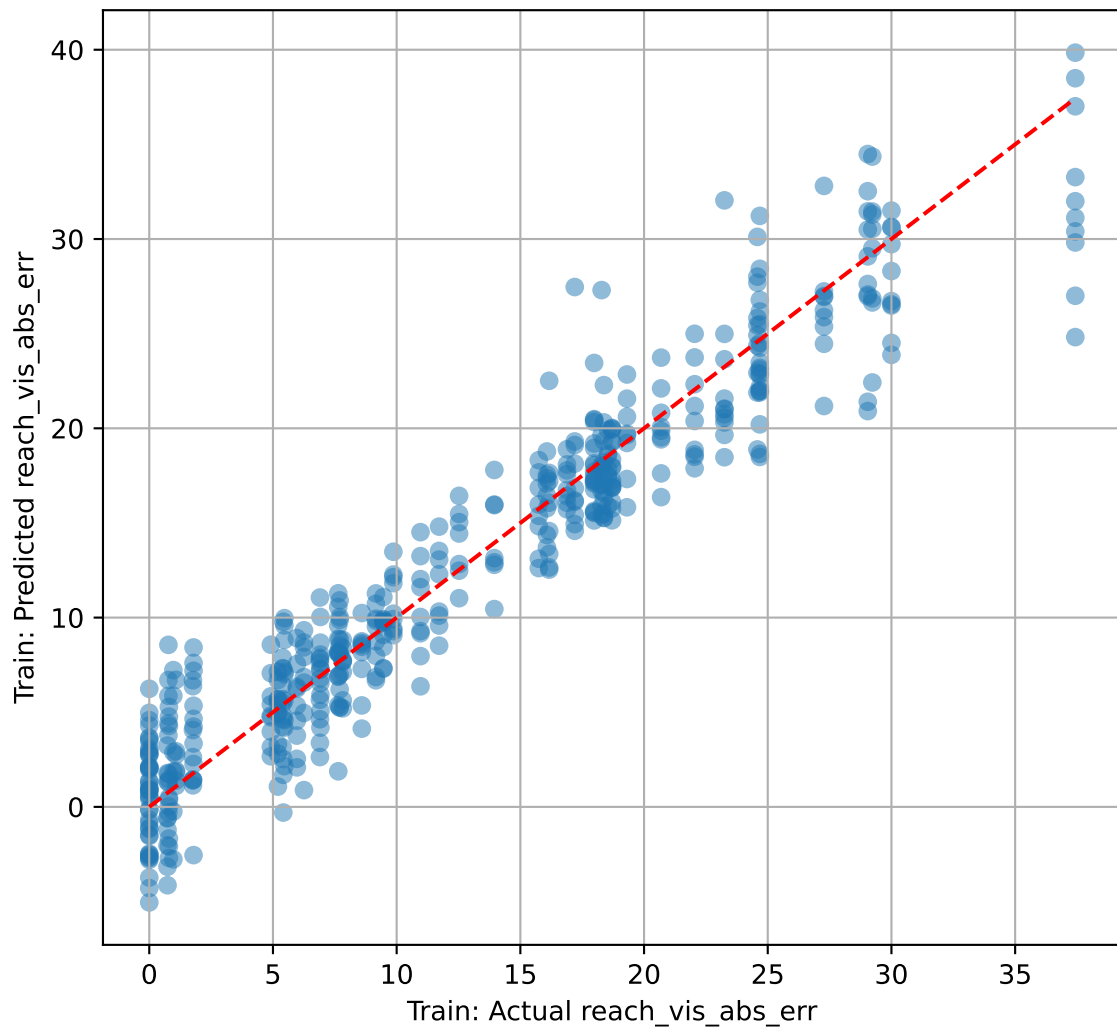


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

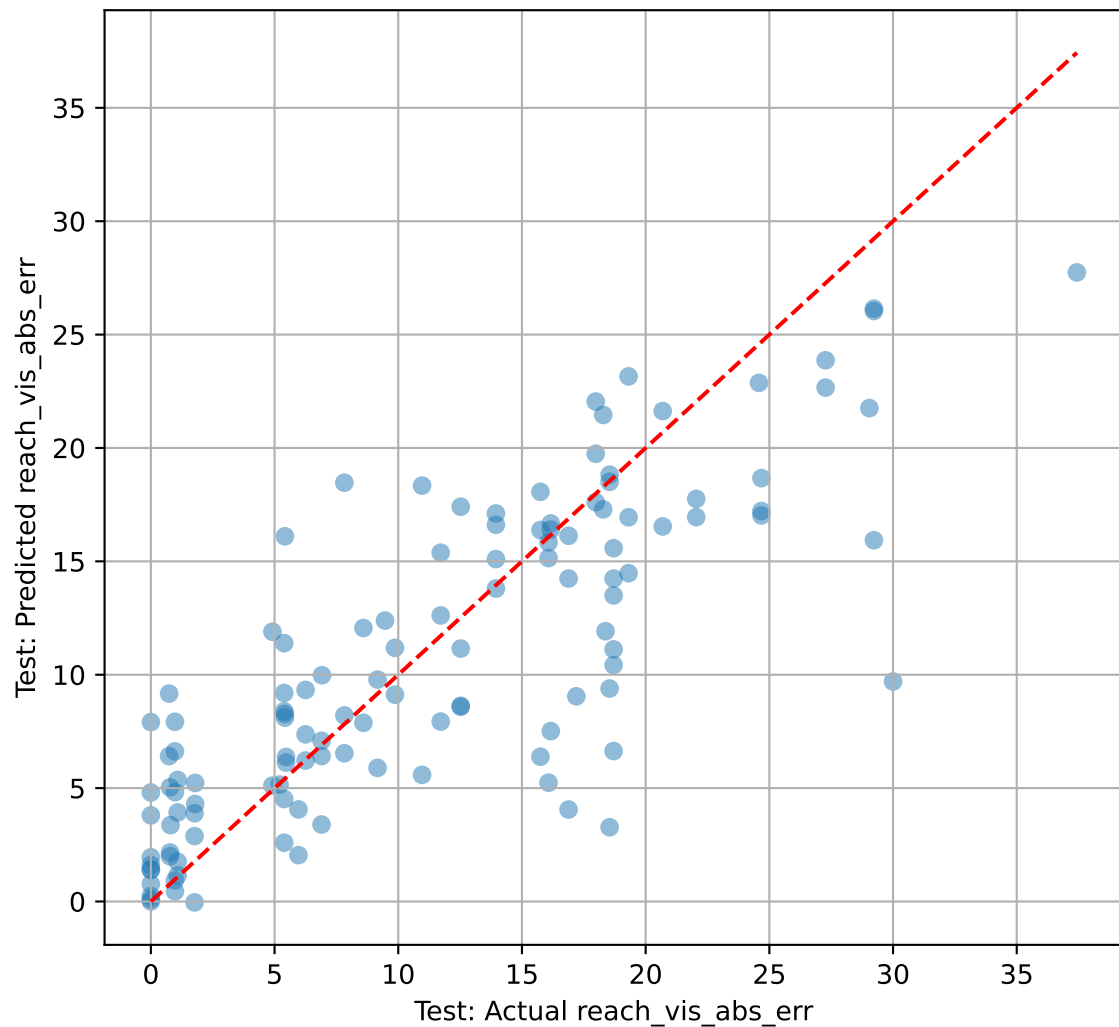


**sub-118**

Train: Epoch 973  
MSE: 0.0873, R2: 0.9152

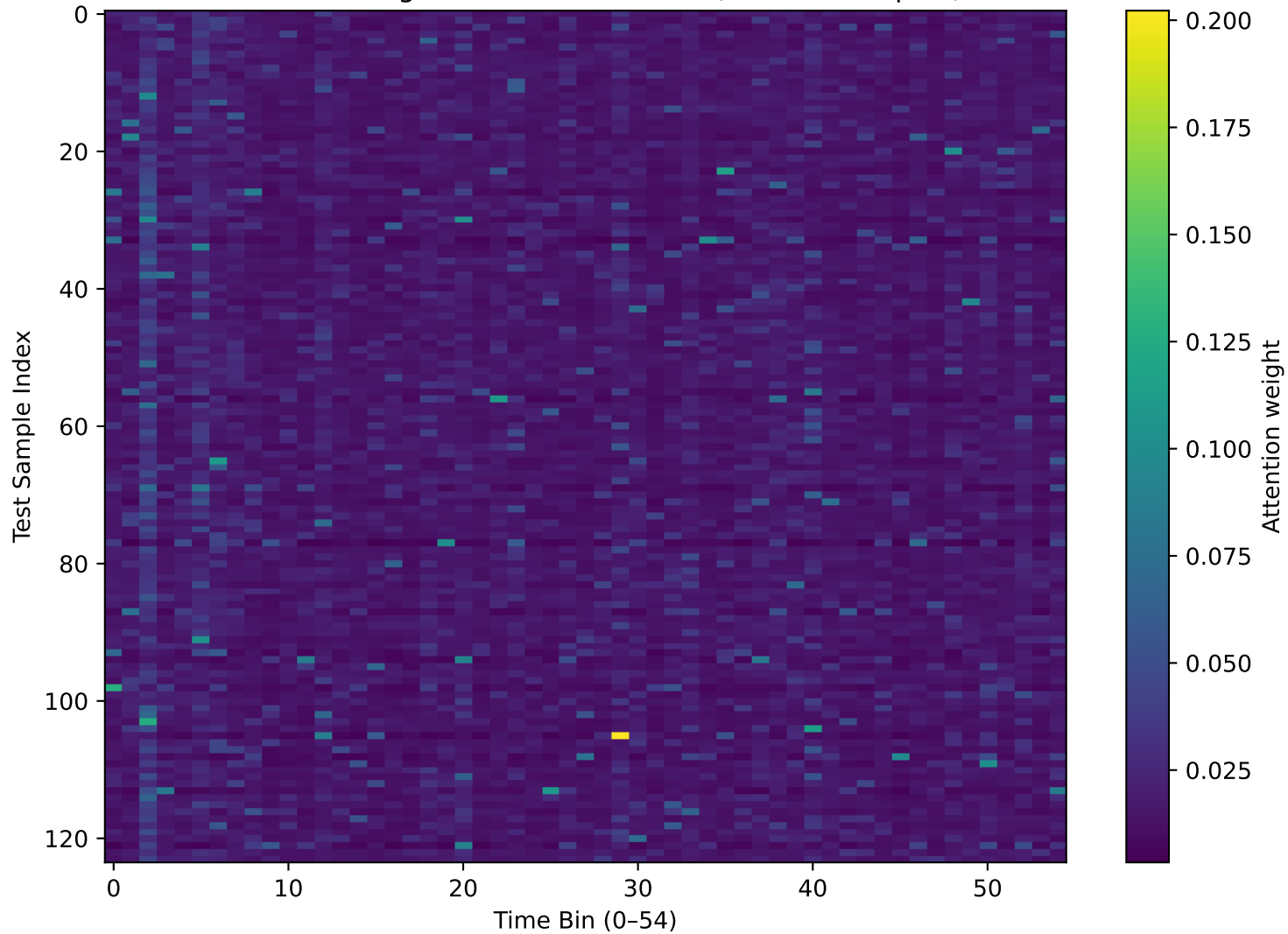


Val: Epoch 973  
MSE: 0.3004, R2: 0.6519

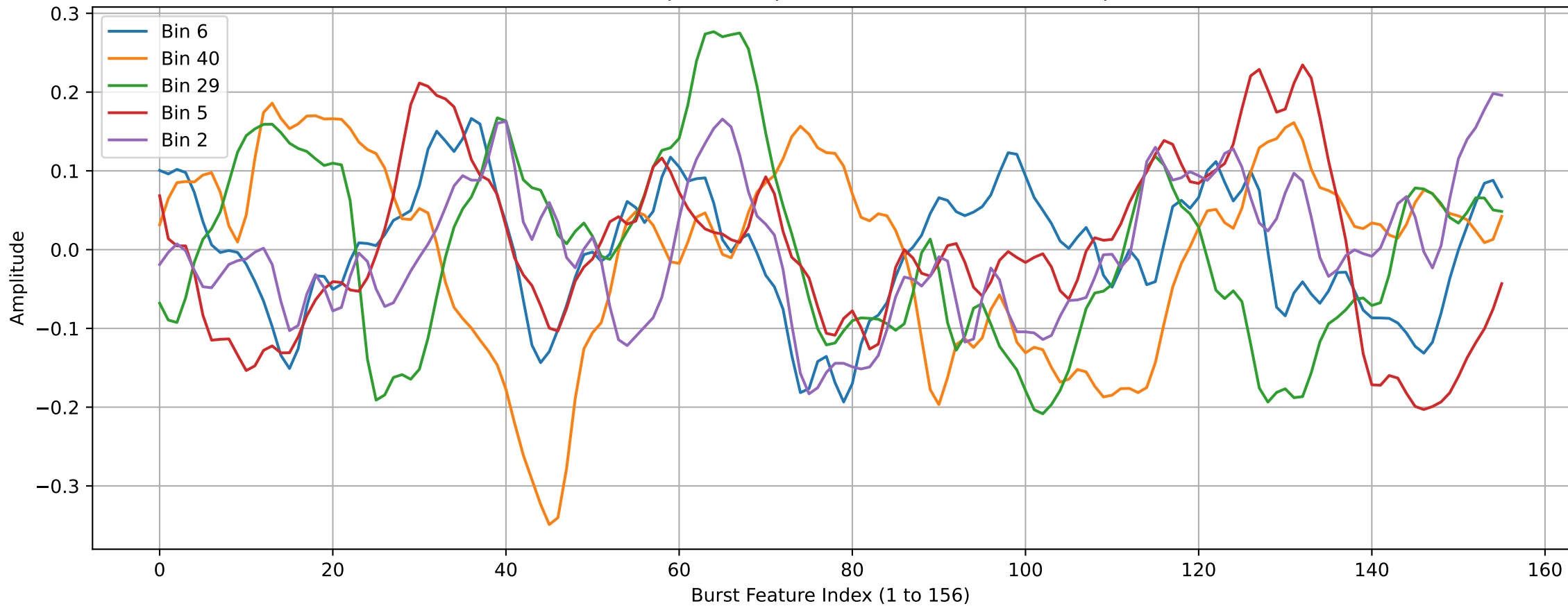




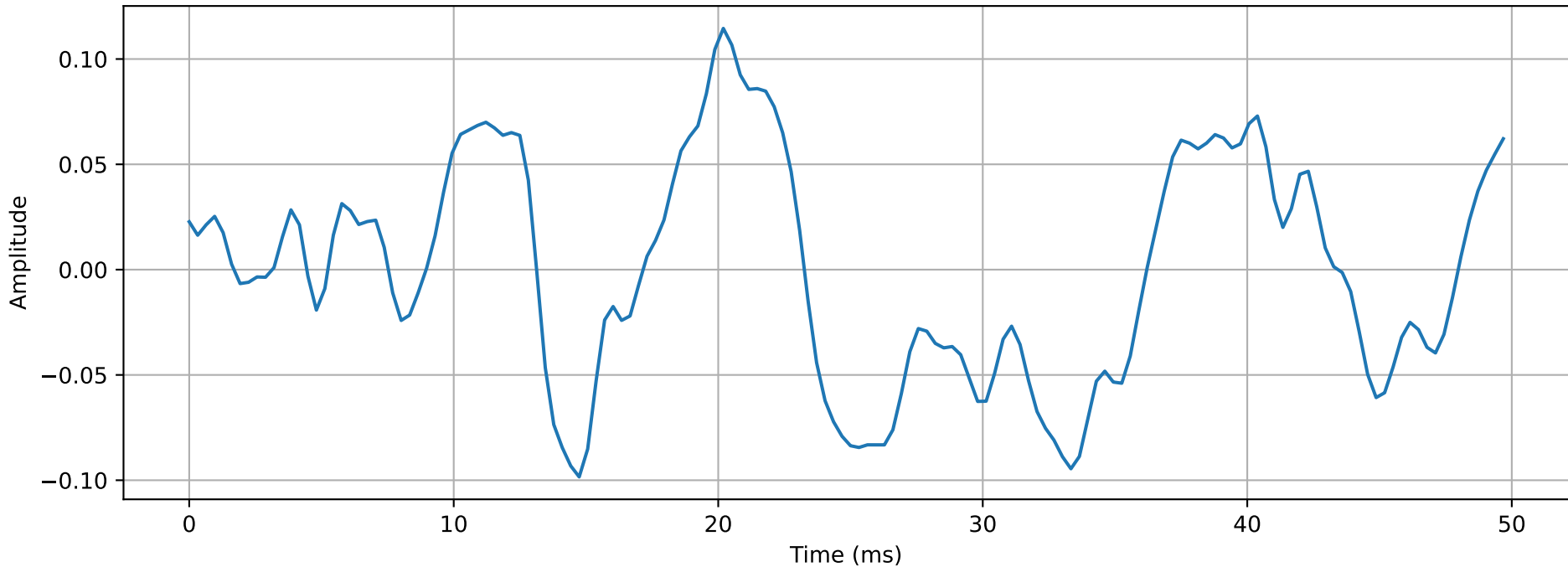
Attention Weights Across Time Bins (All Test Samples)



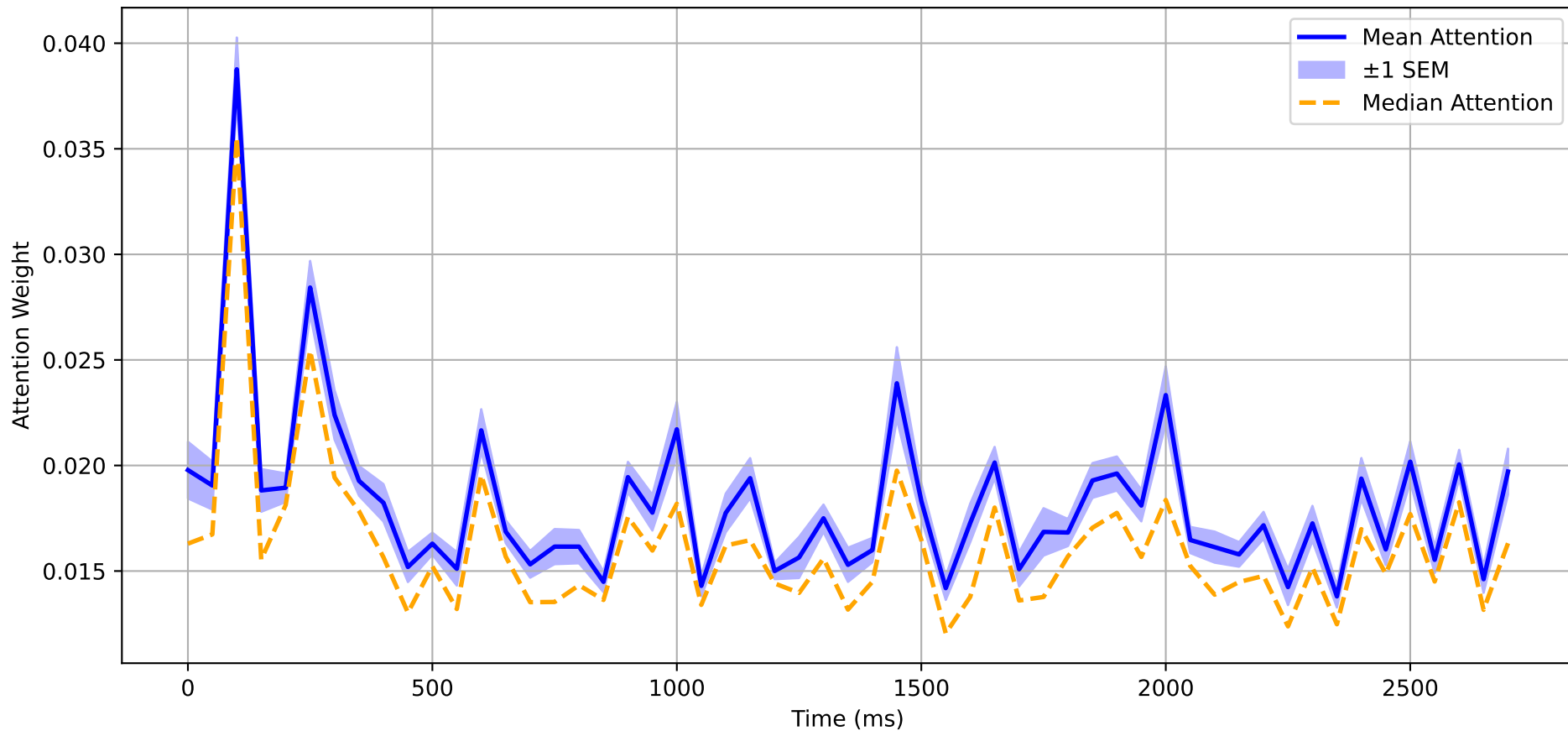
Waveform Shapes for Top Attention Bins (All Test Samples)



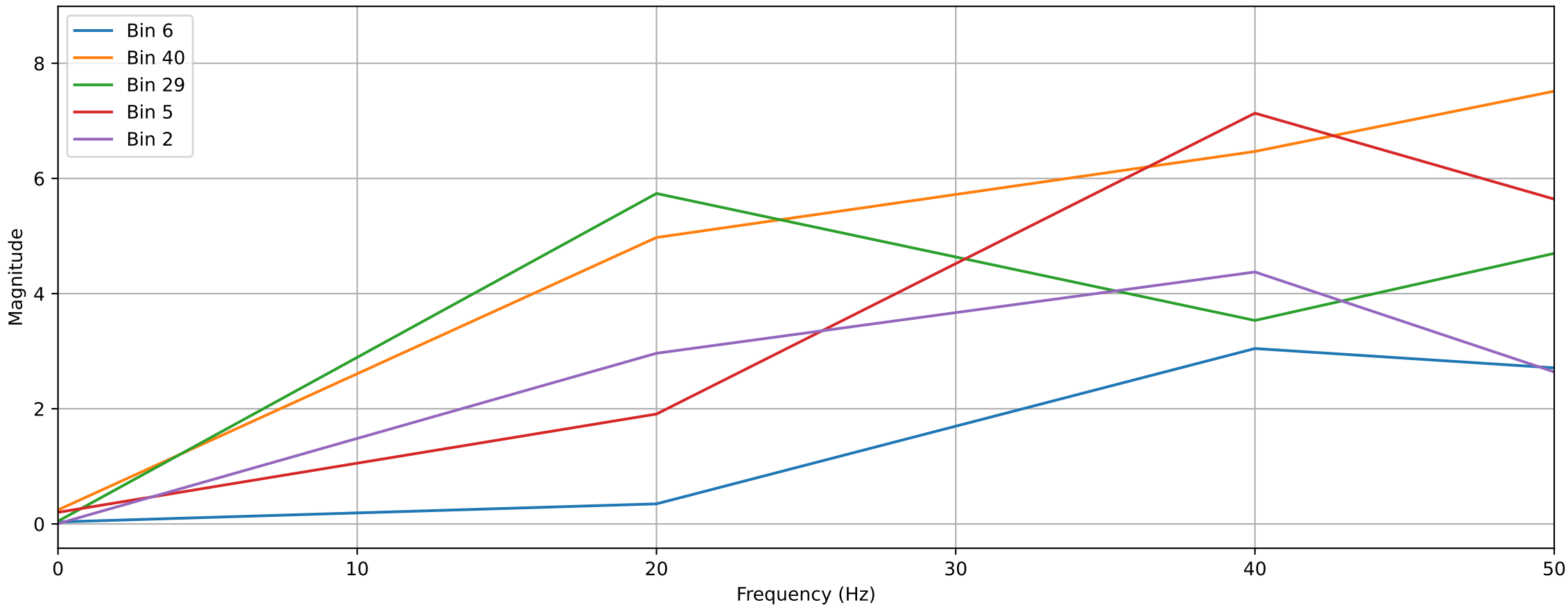
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

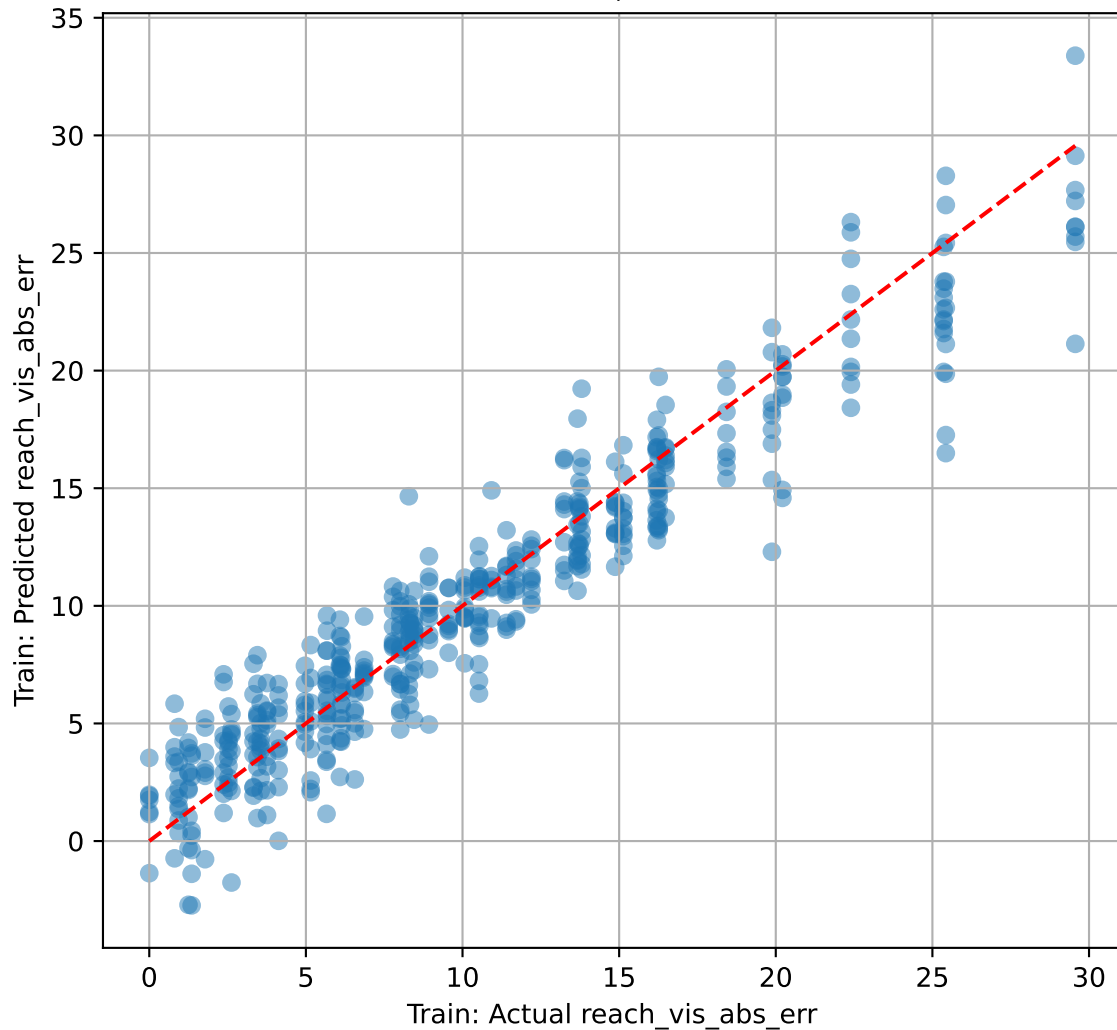


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

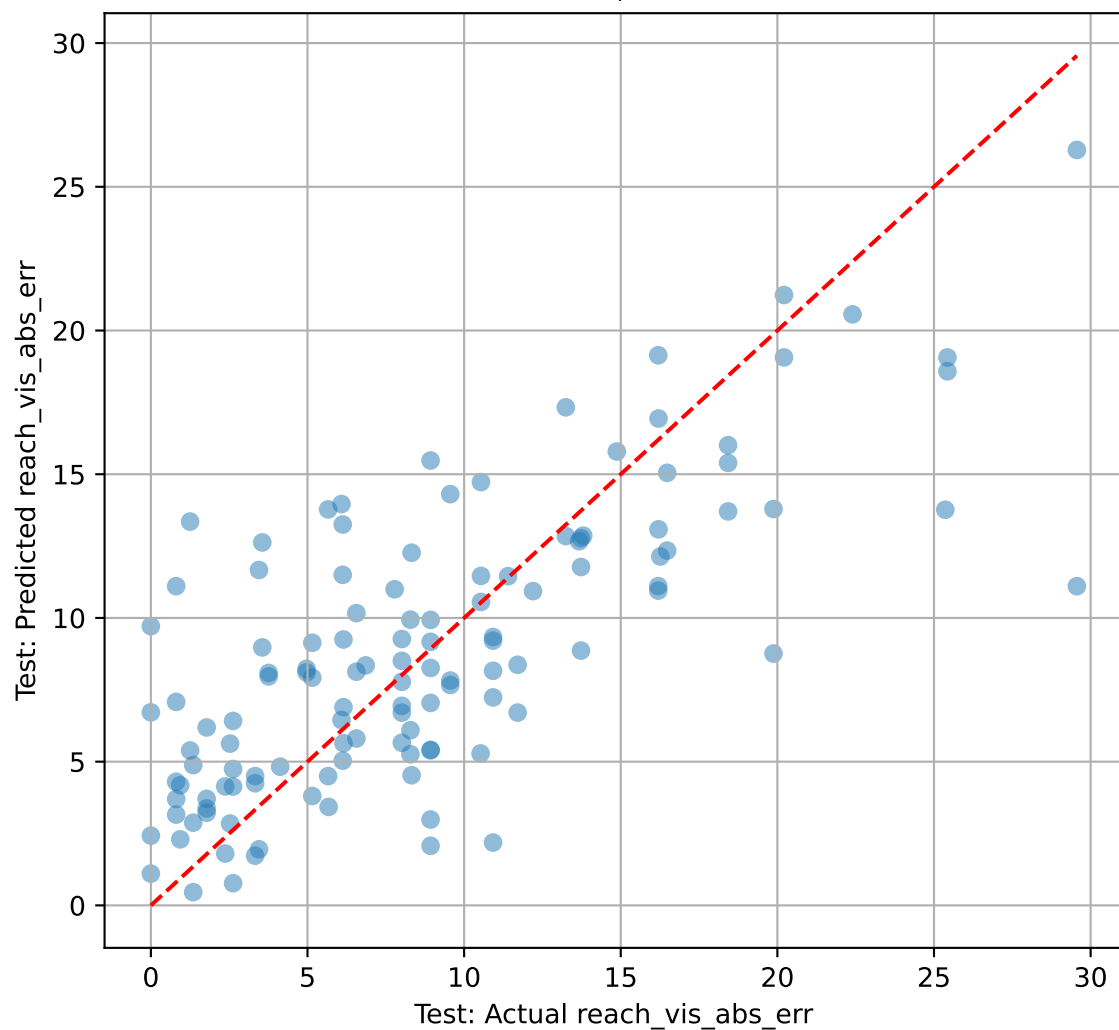


**sub-119**

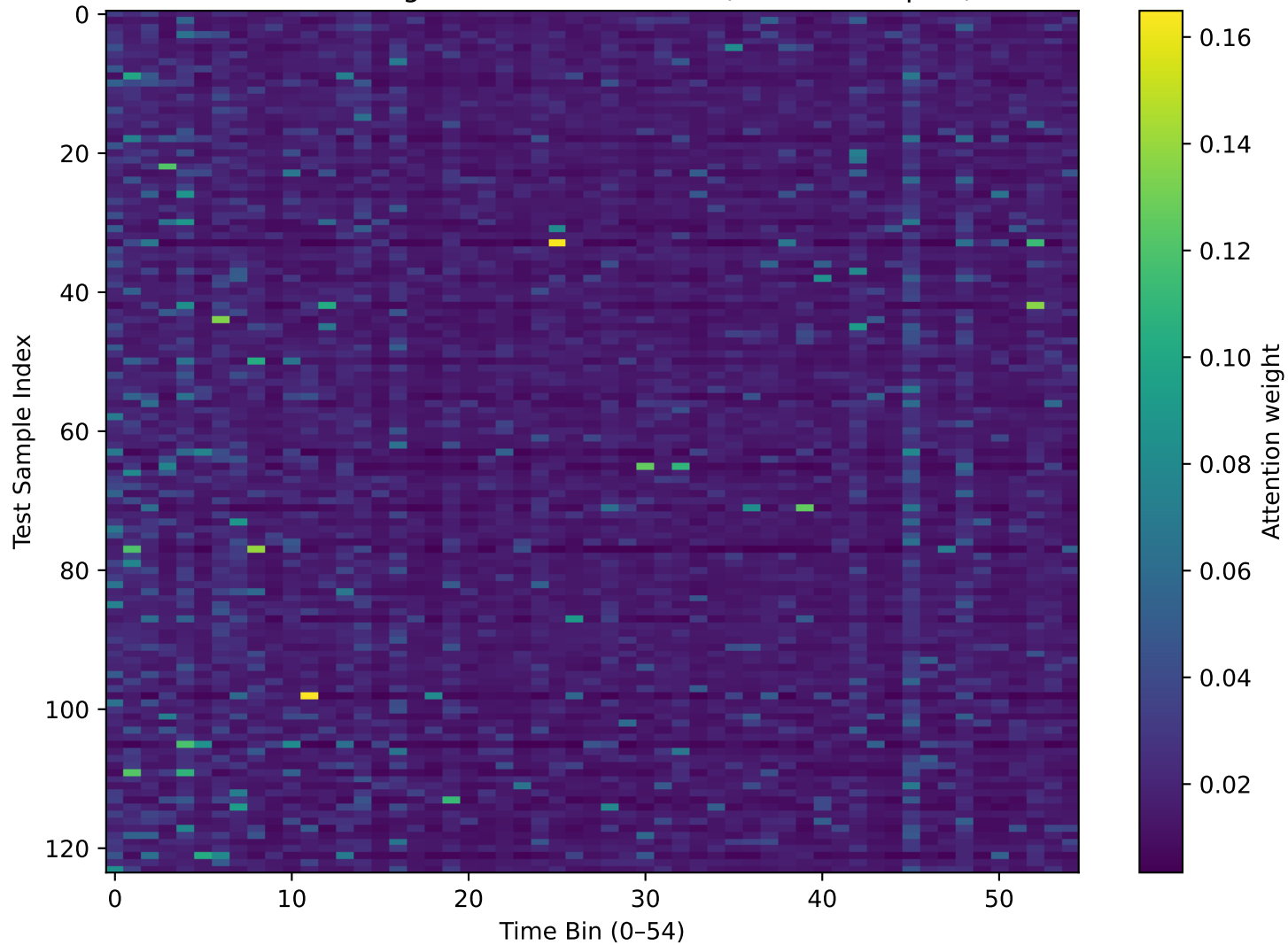
Train: Epoch 898  
MSE: 0.0940, R2: 0.9067



Val: Epoch 898  
MSE: 0.4296, R2: 0.5423

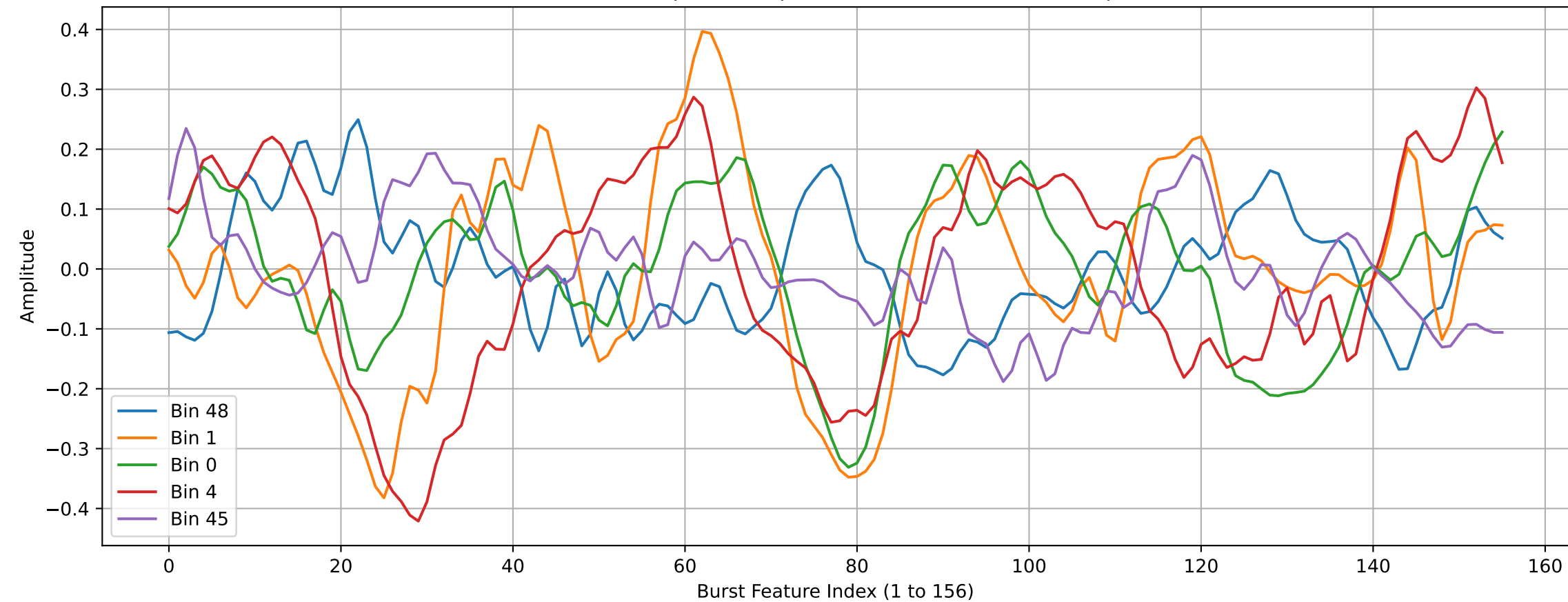


Attention Weights Across Time Bins (All Test Samples)

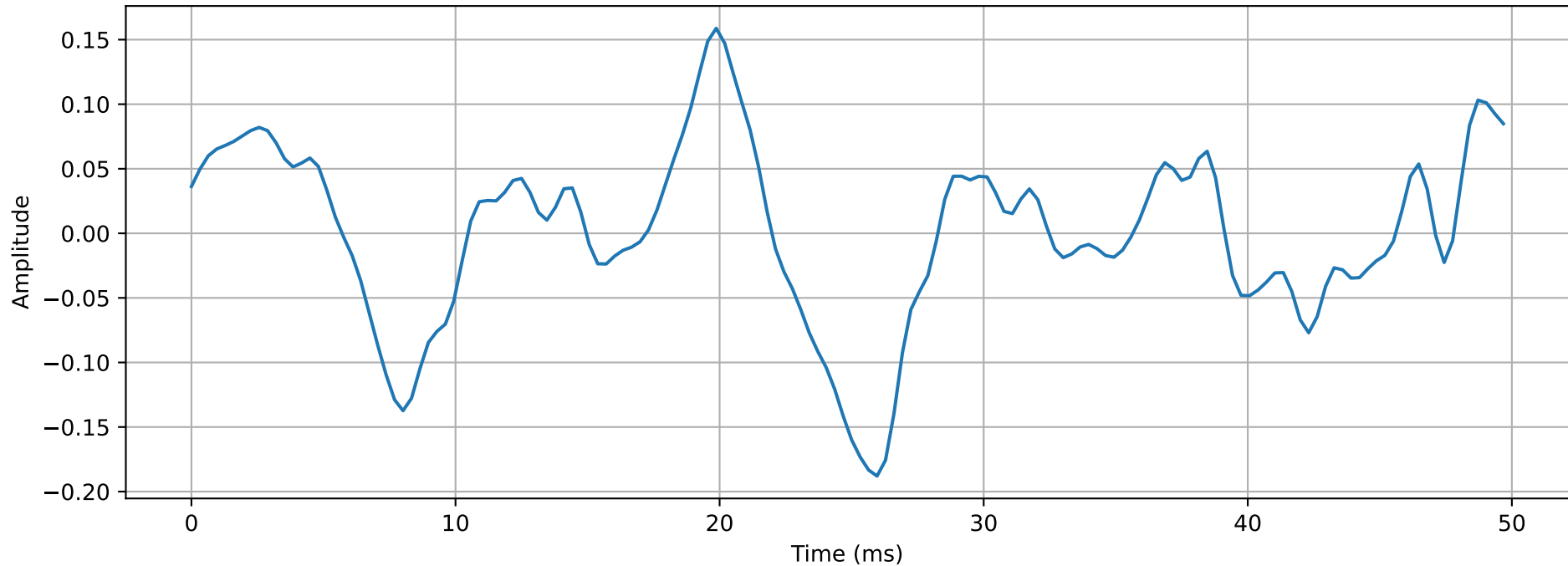




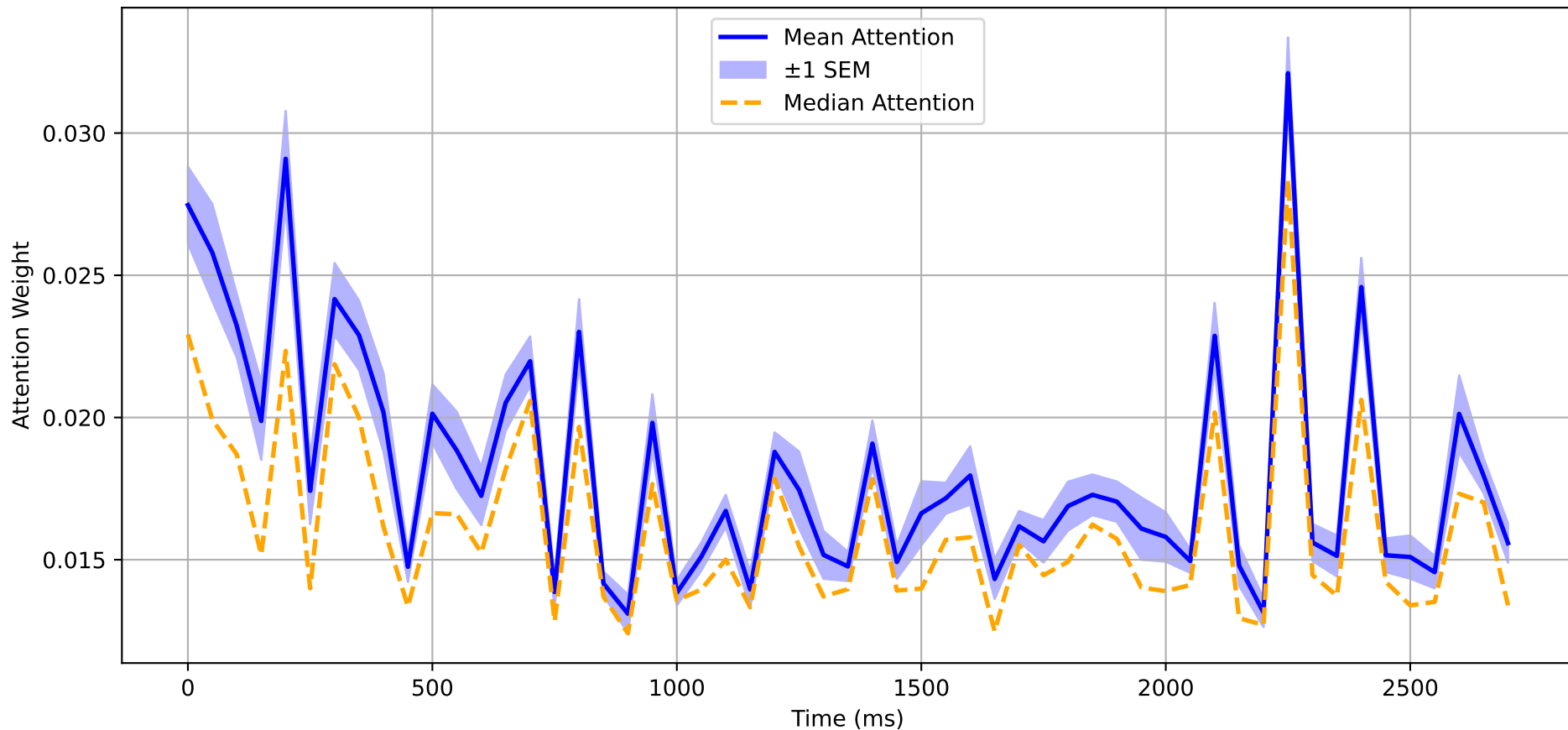
Waveform Shapes for Top Attention Bins (All Test Samples)



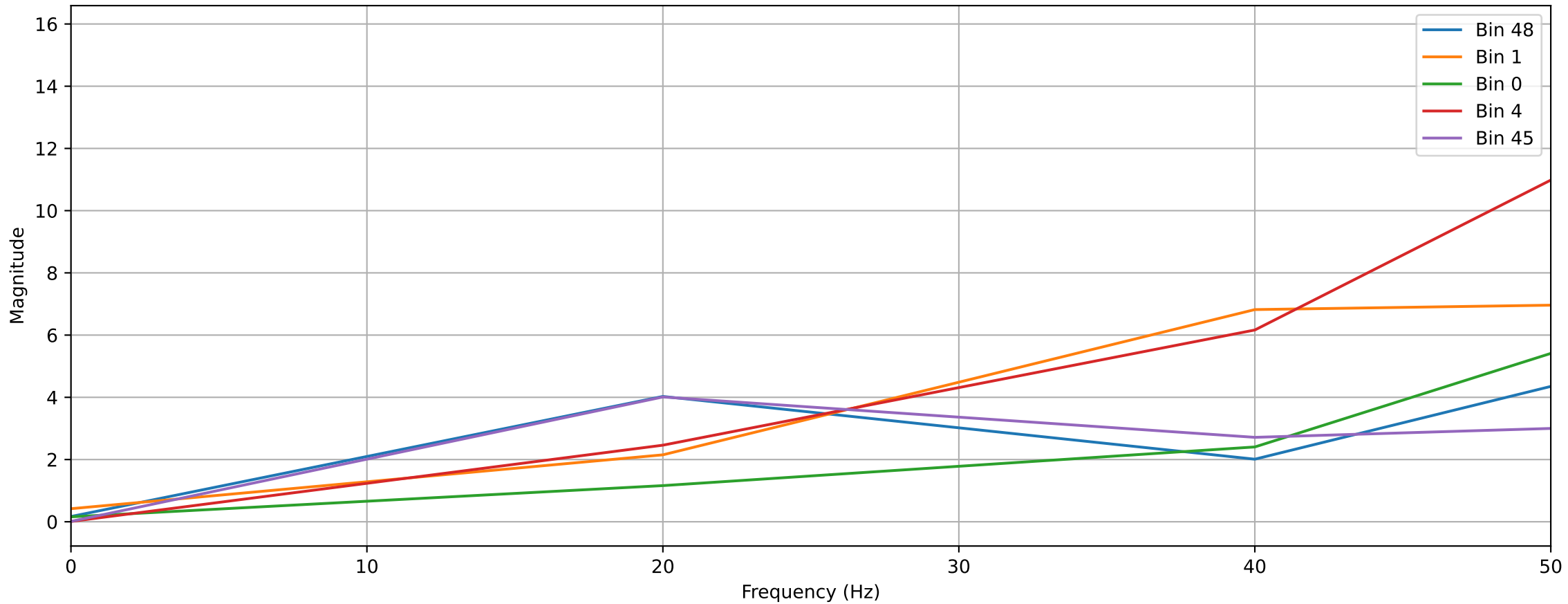
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

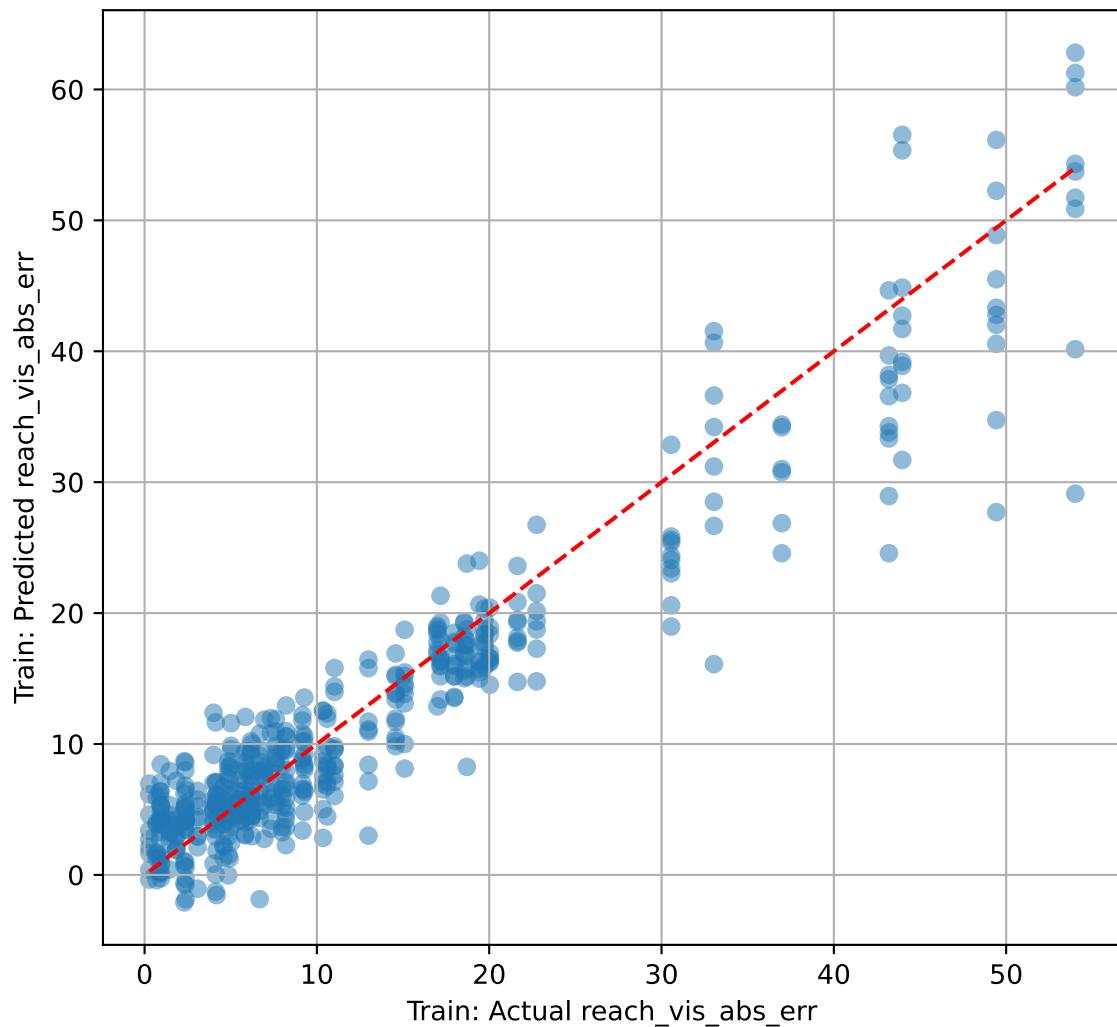


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

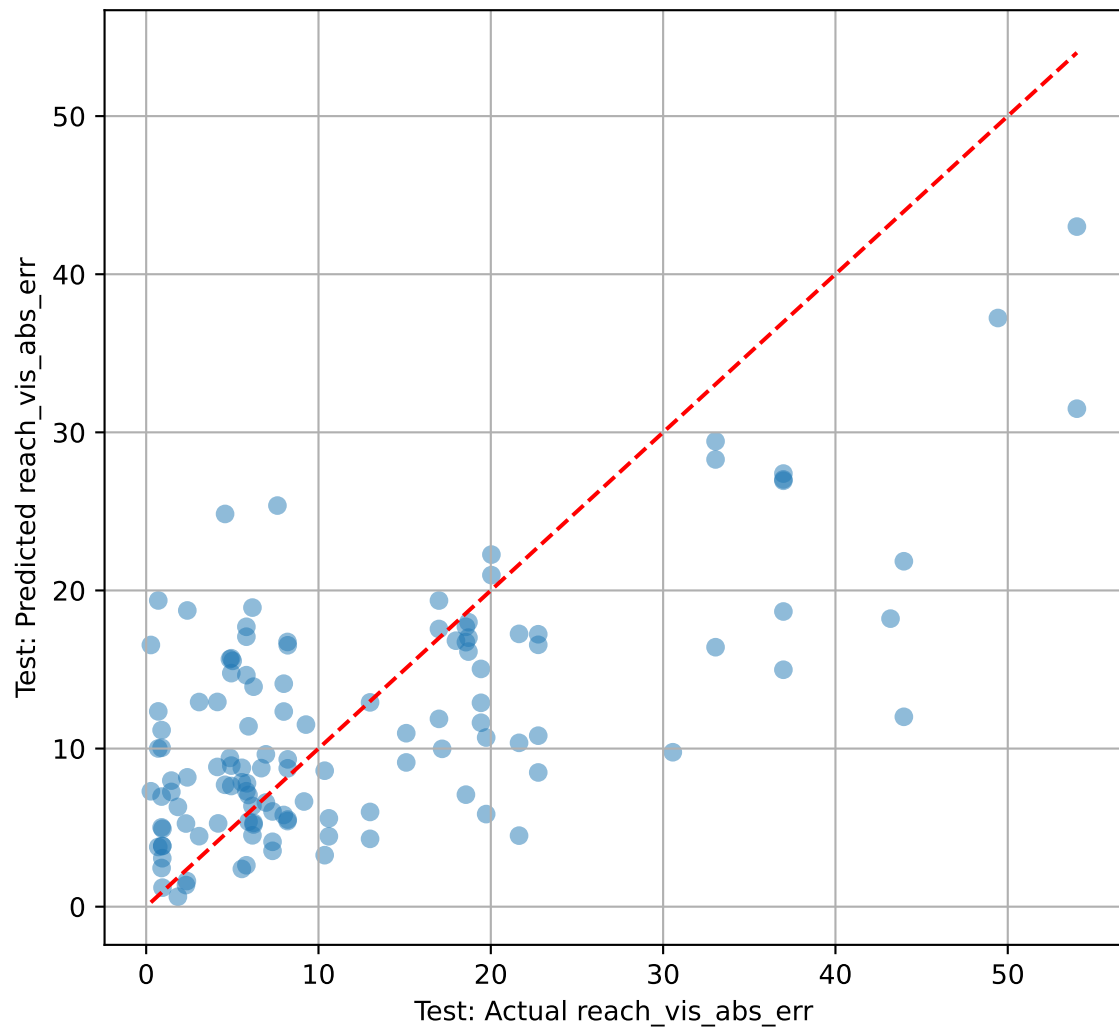


**sub-120**

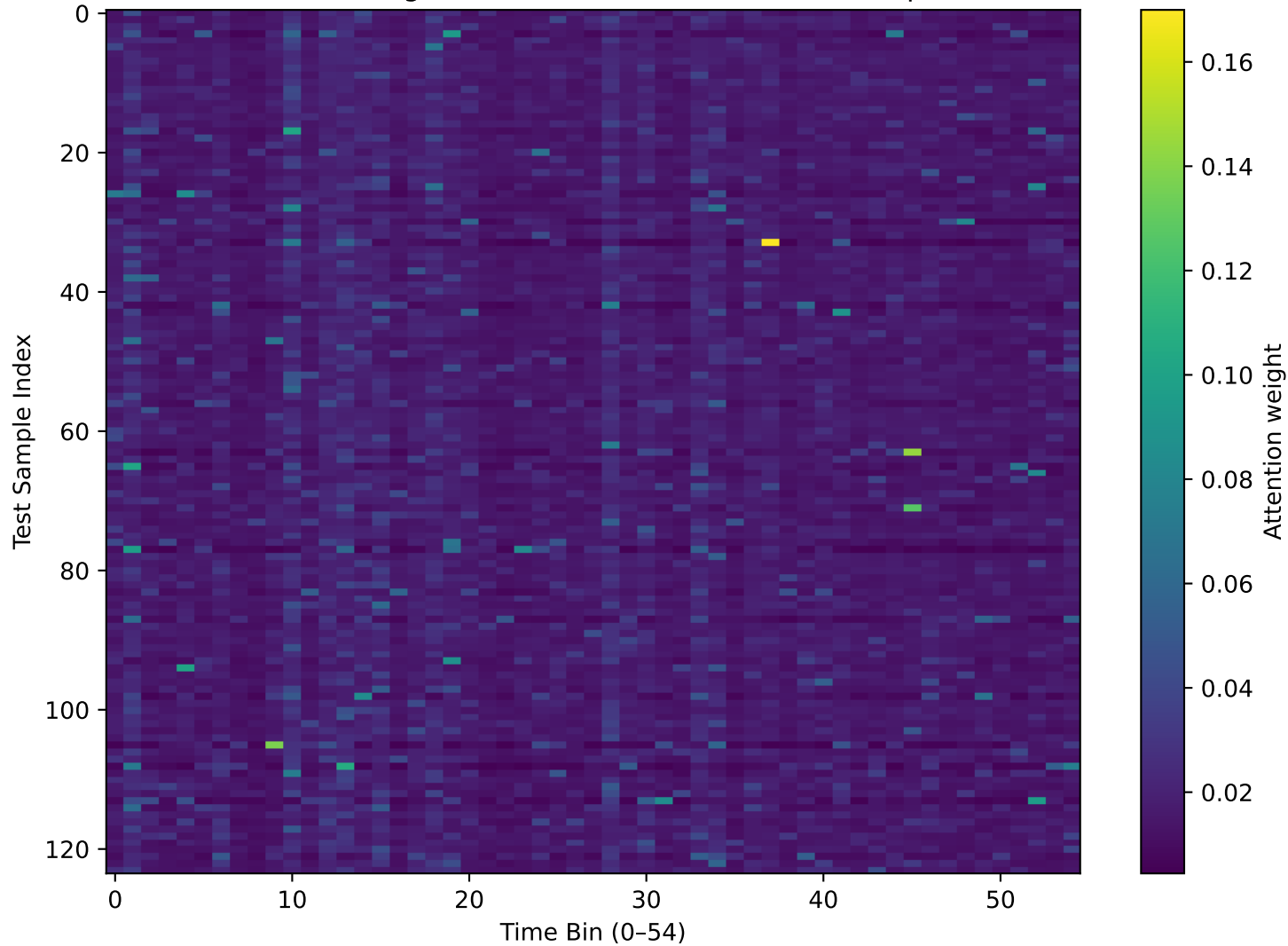
Train: Epoch 884  
MSE: 0.1080, R2: 0.8936



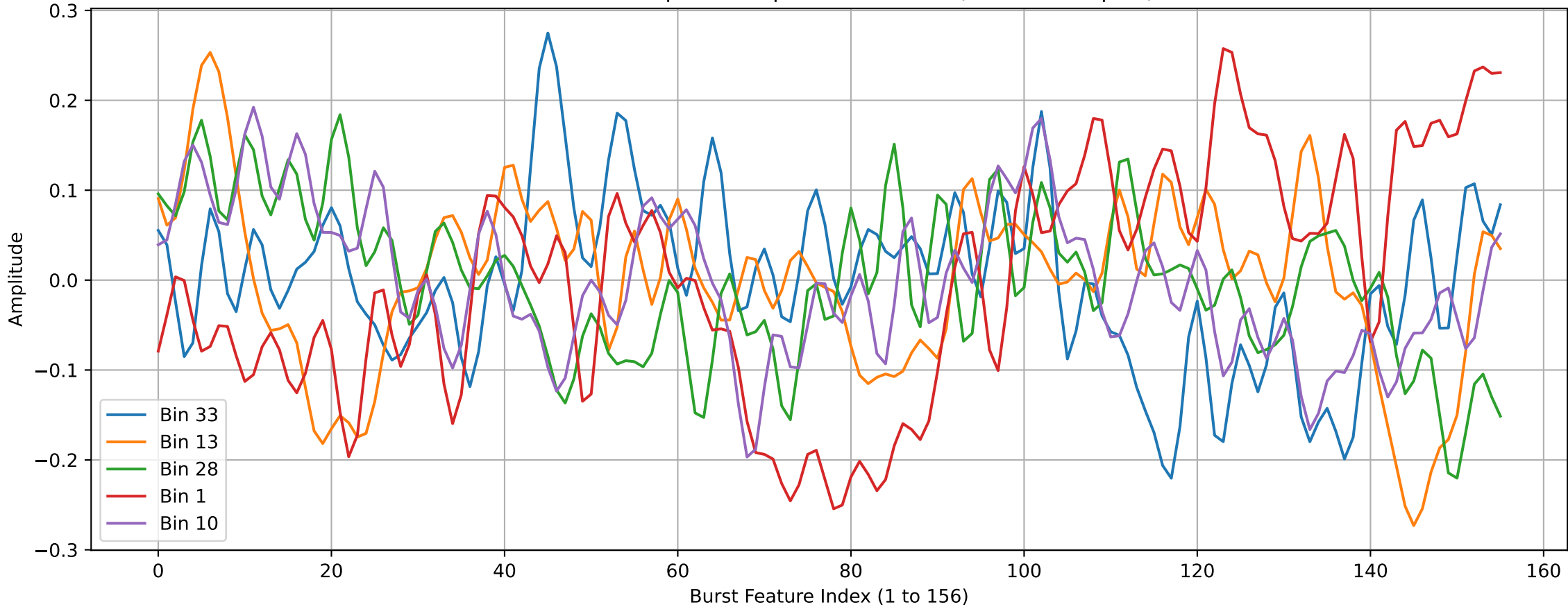
Val: Epoch 884  
MSE: 0.5196, R2: 0.4487



Attention Weights Across Time Bins (All Test Samples)

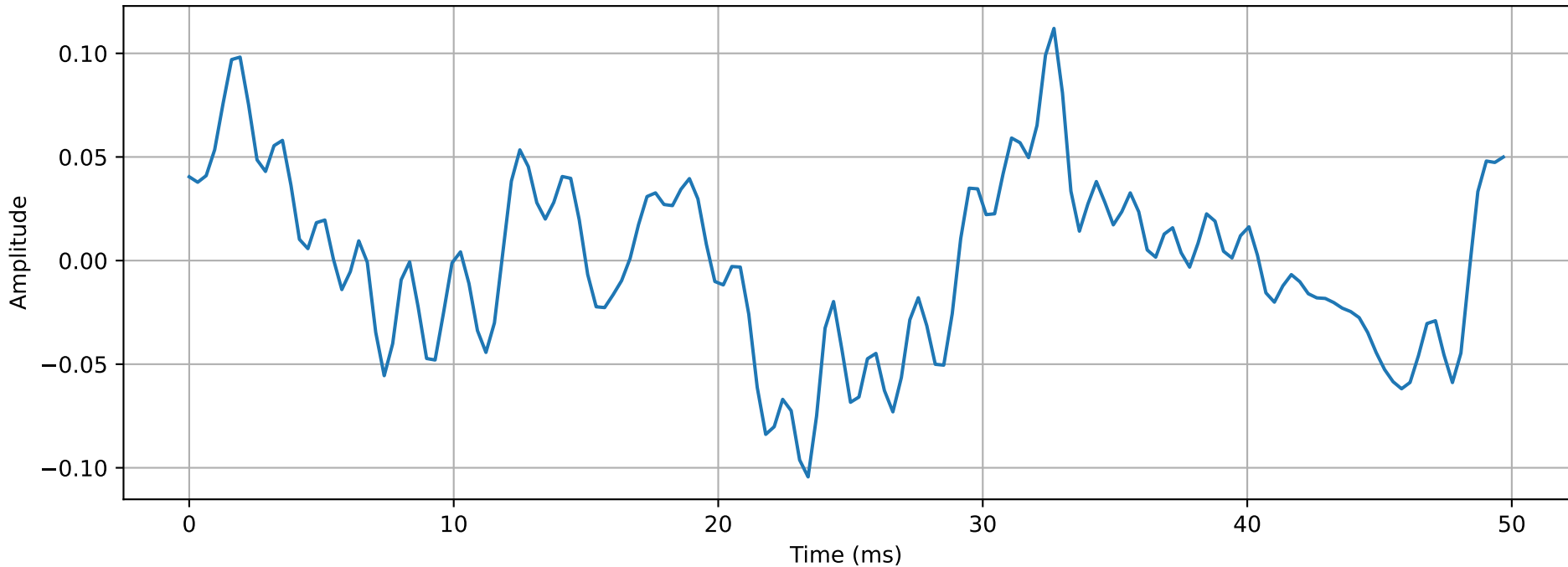


Waveform Shapes for Top Attention Bins (All Test Samples)

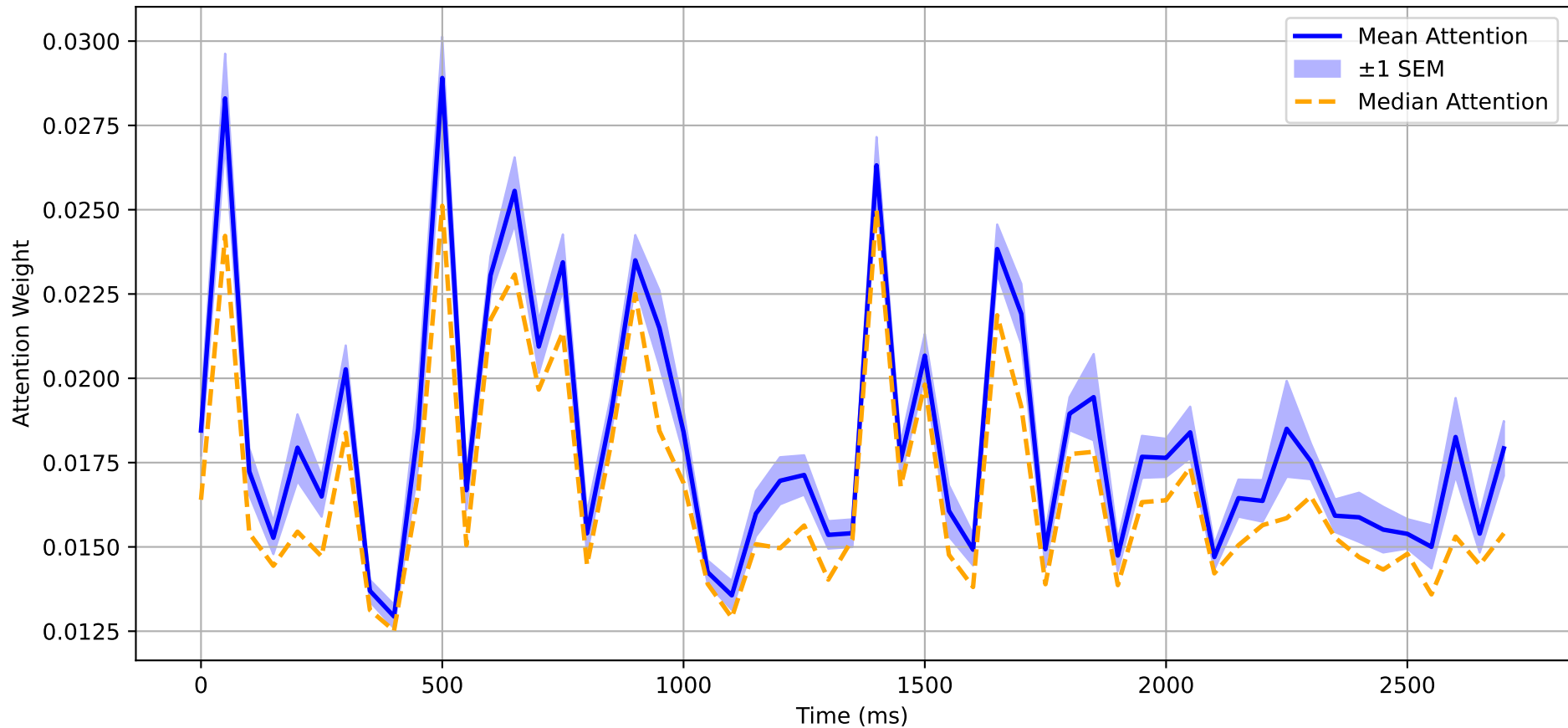




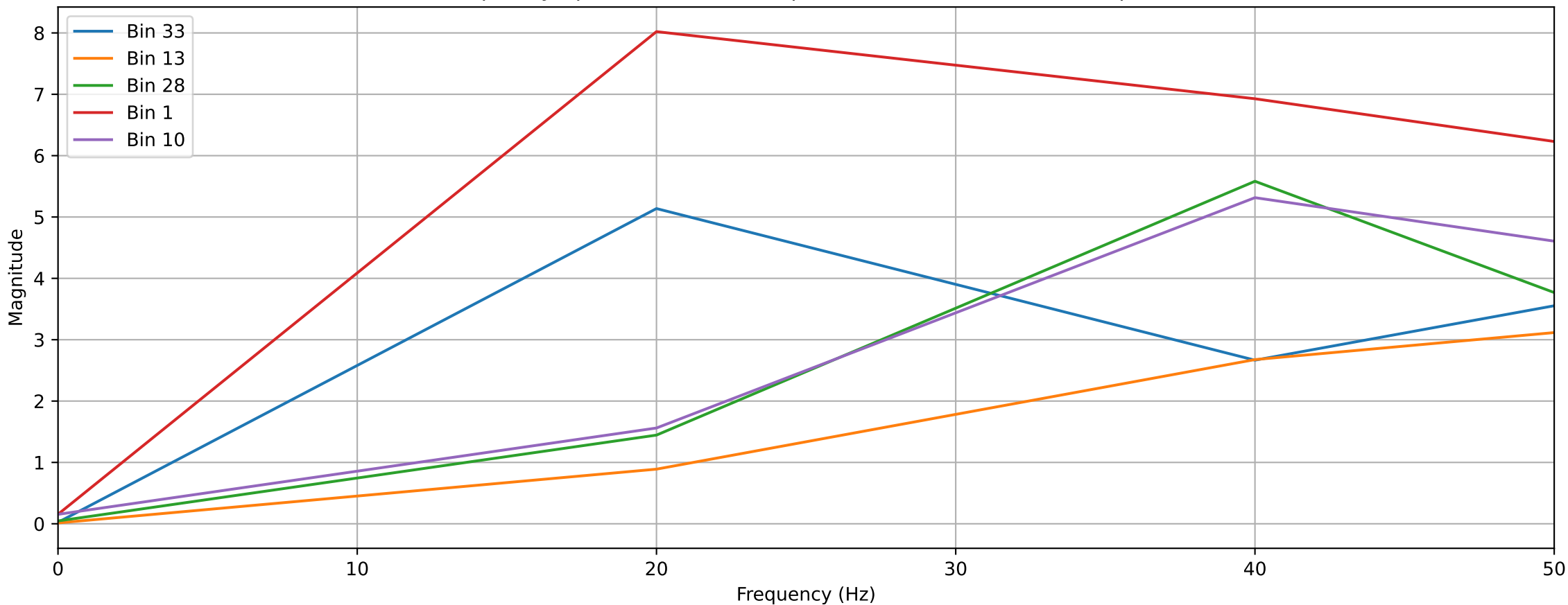
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

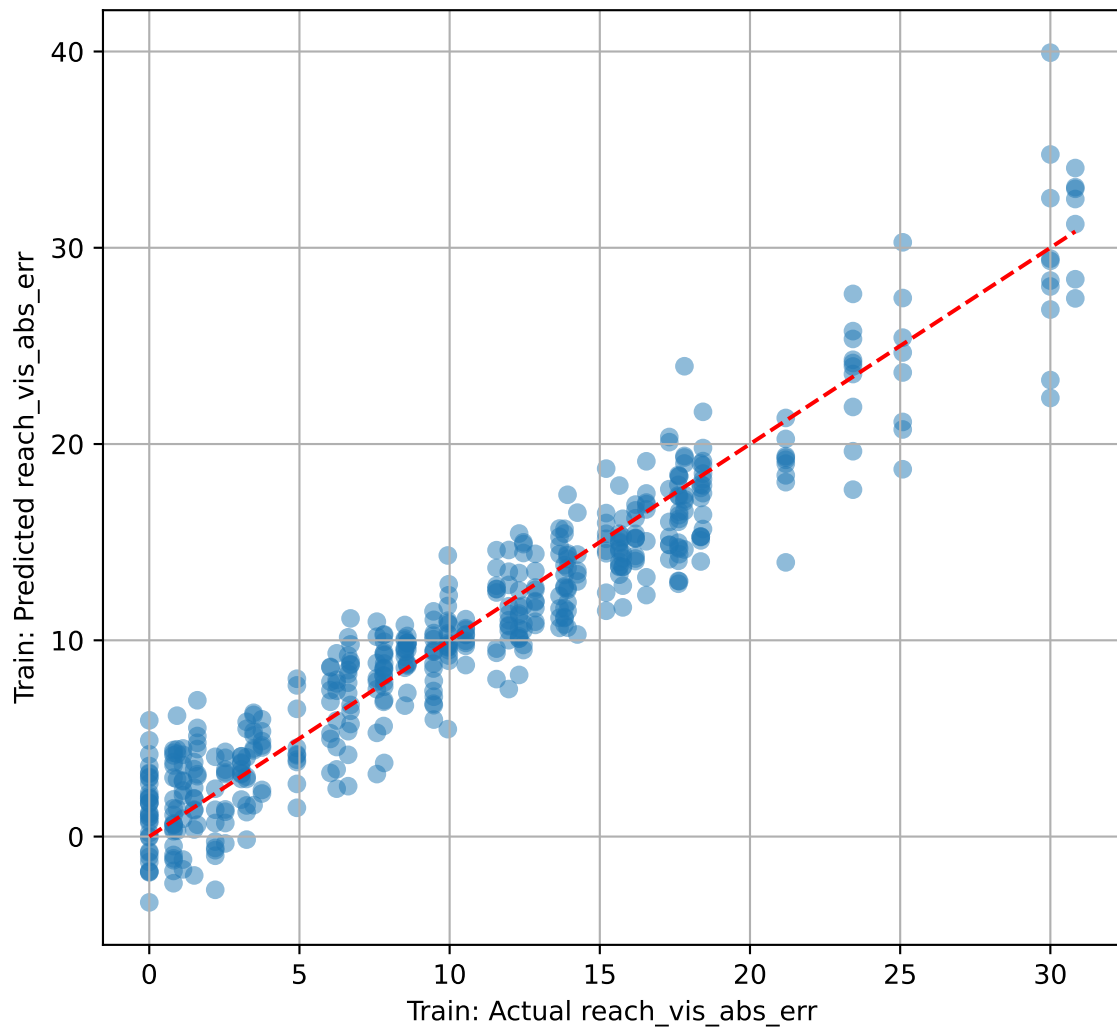


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

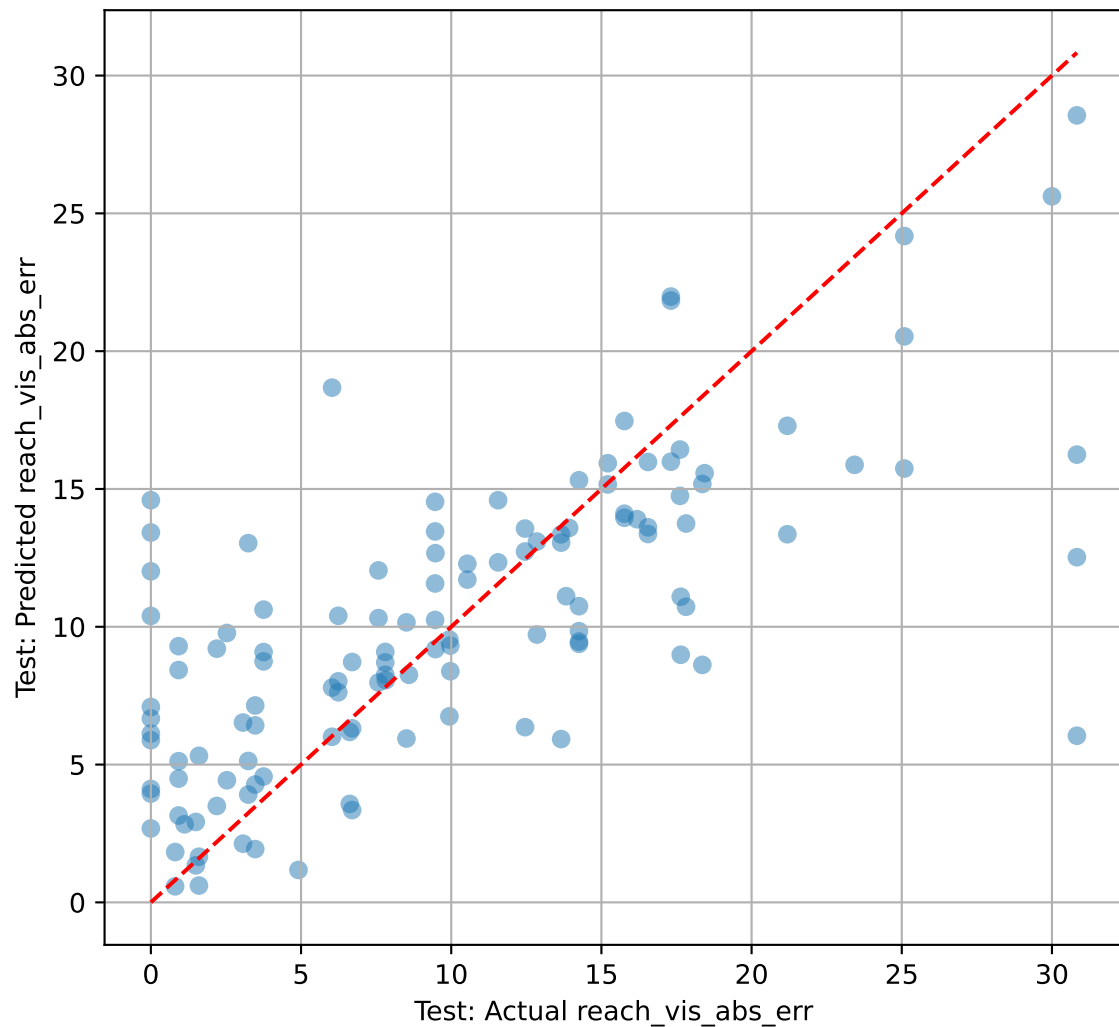


**sub-122**

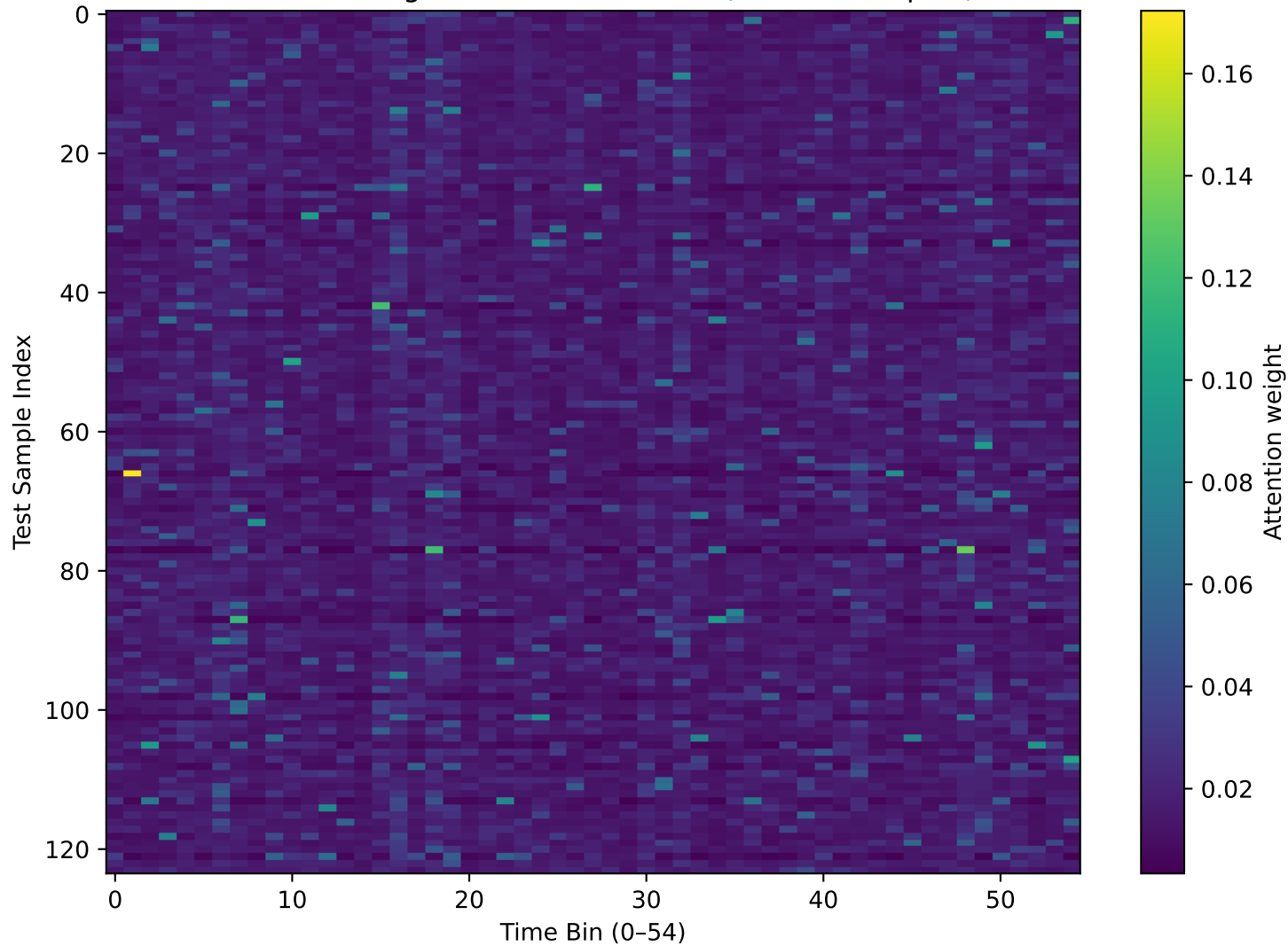
Train: Epoch 921  
MSE: 0.0850, R2: 0.9137



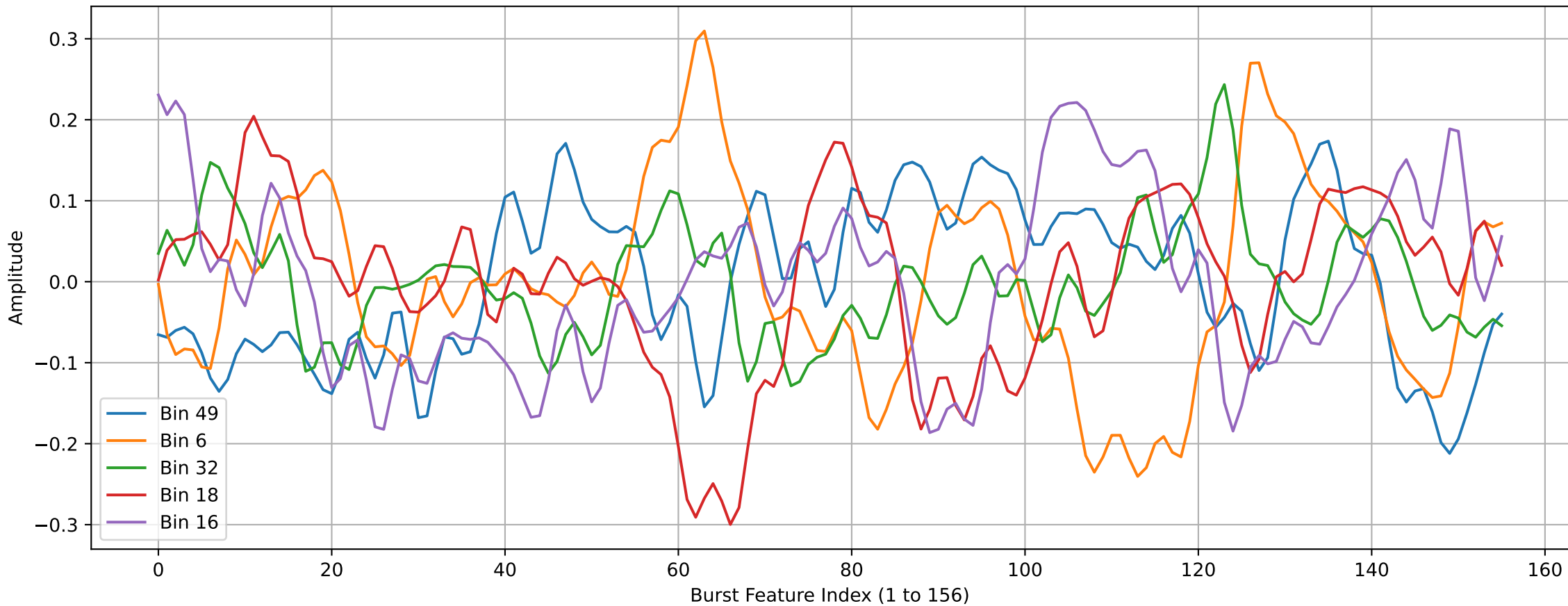
Val: Epoch 921  
MSE: 0.5185, R2: 0.5092



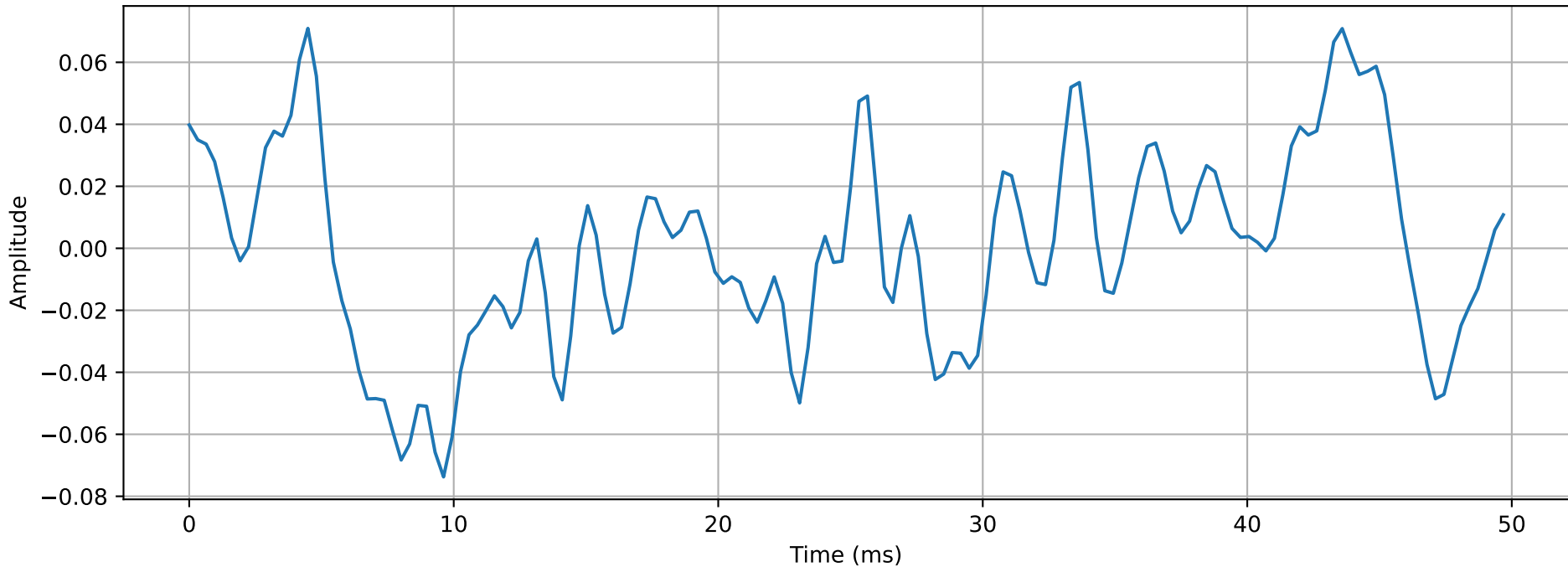
Attention Weights Across Time Bins (All Test Samples)



Waveform Shapes for Top Attention Bins (All Test Samples)

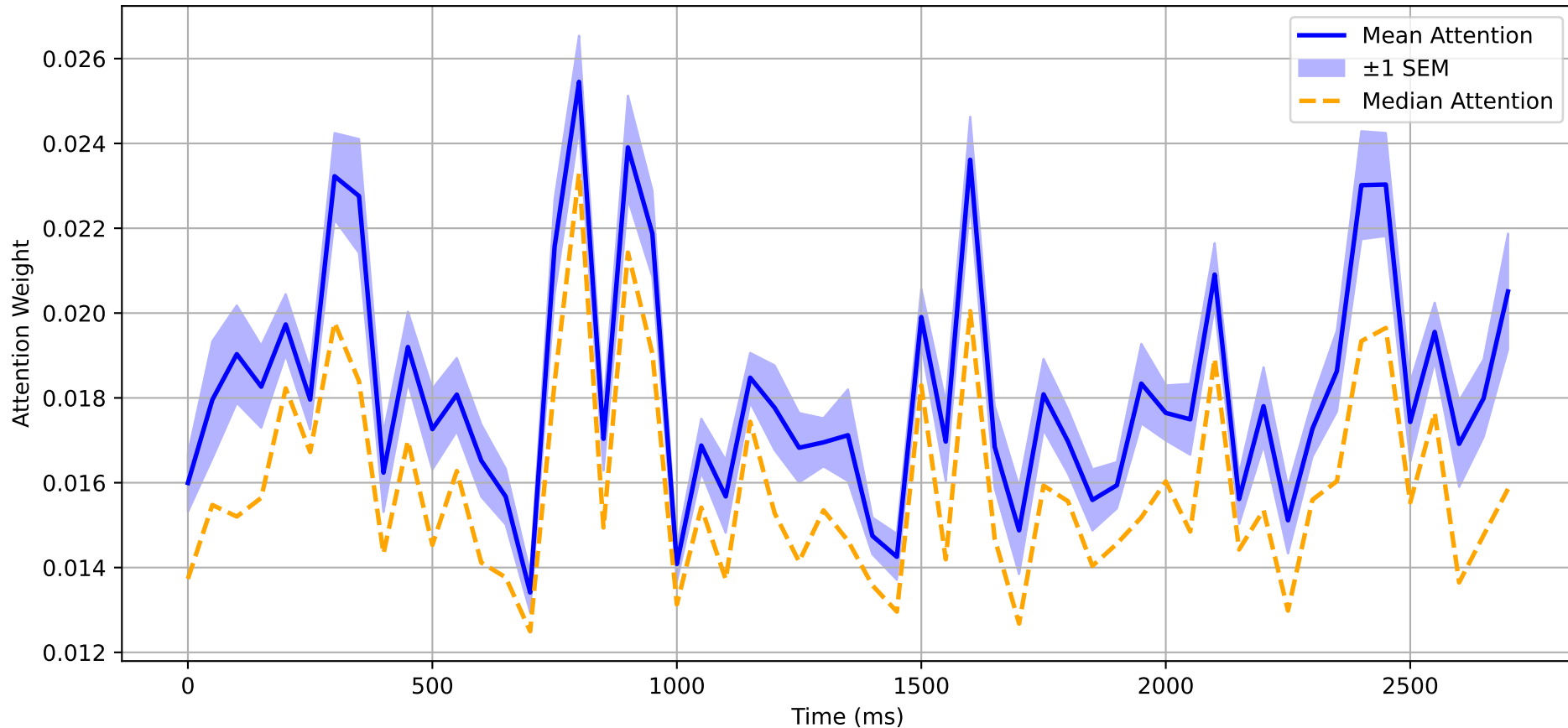


Average Burst Waveform from Top Attention Bins (All Test Samples)

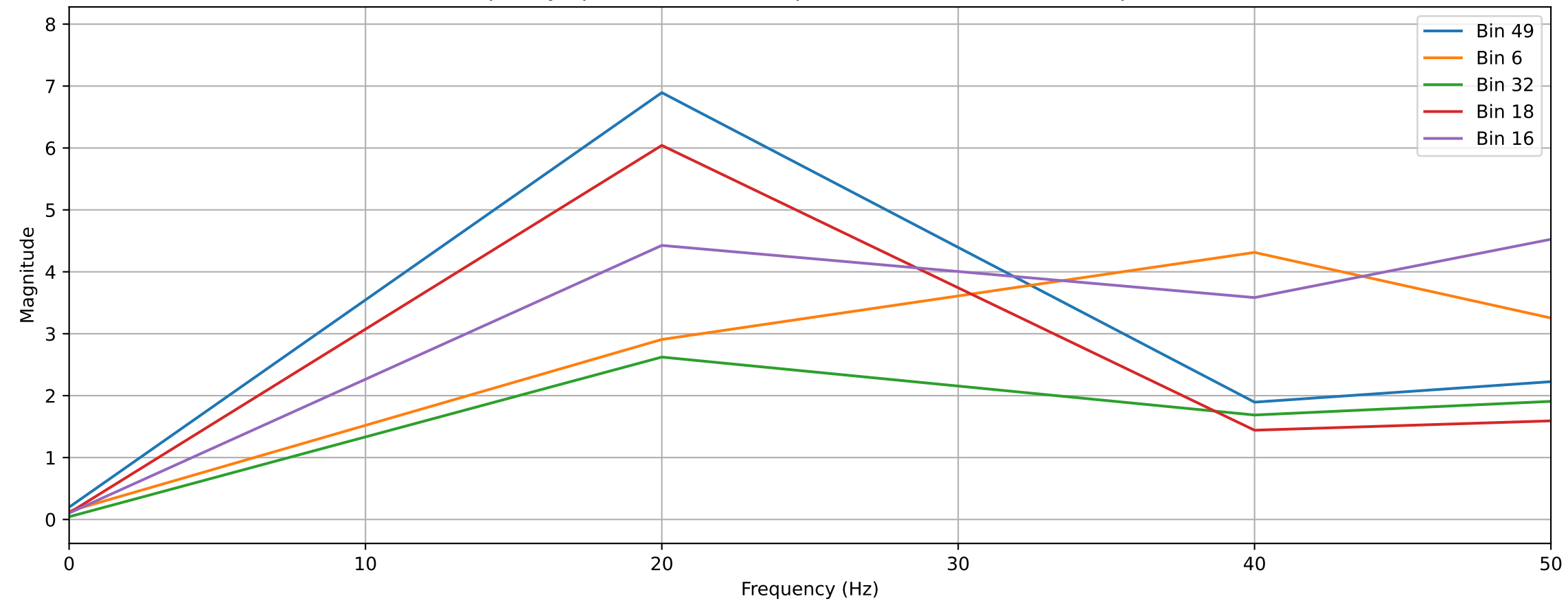




Mean & Median Attention Weights  $\pm$  SEM (This Subject)

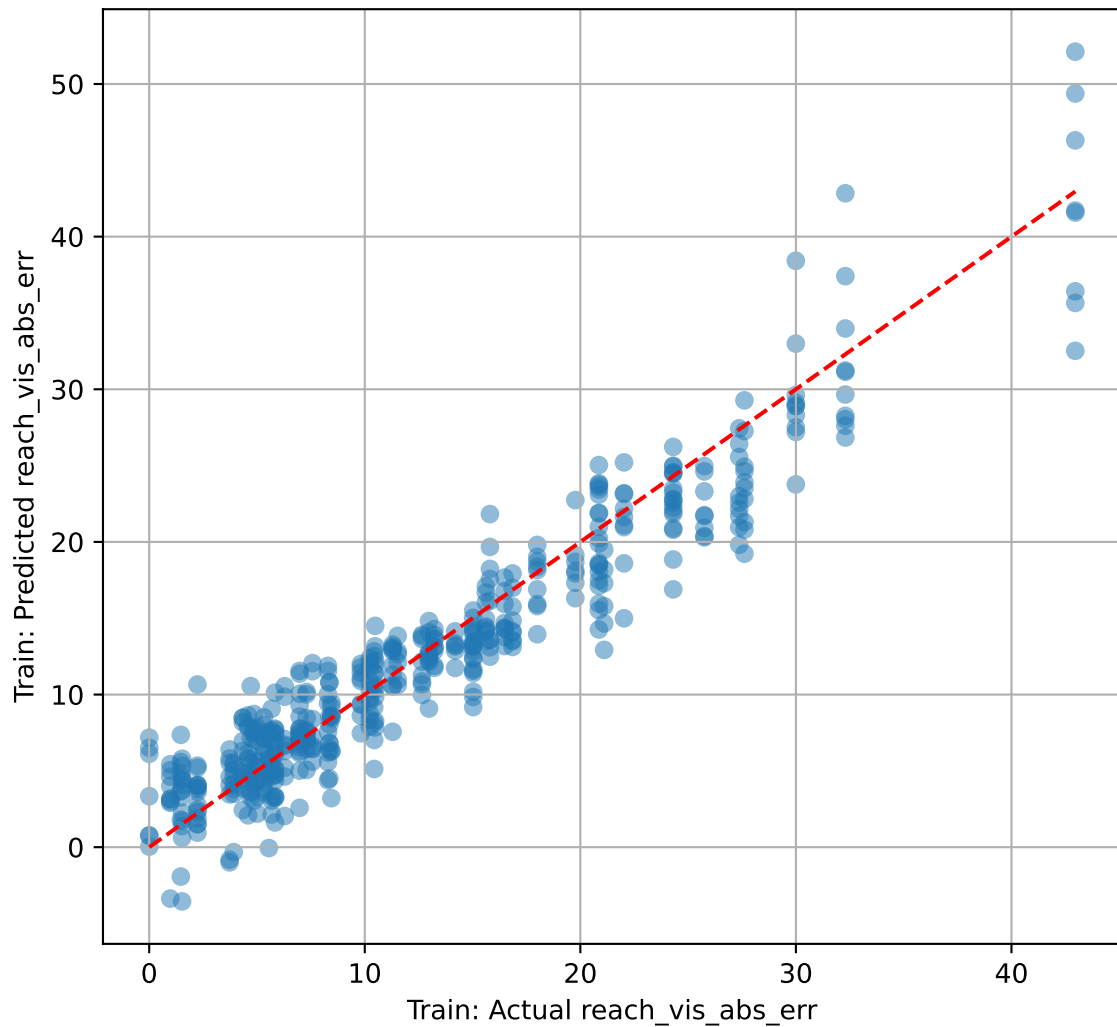


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

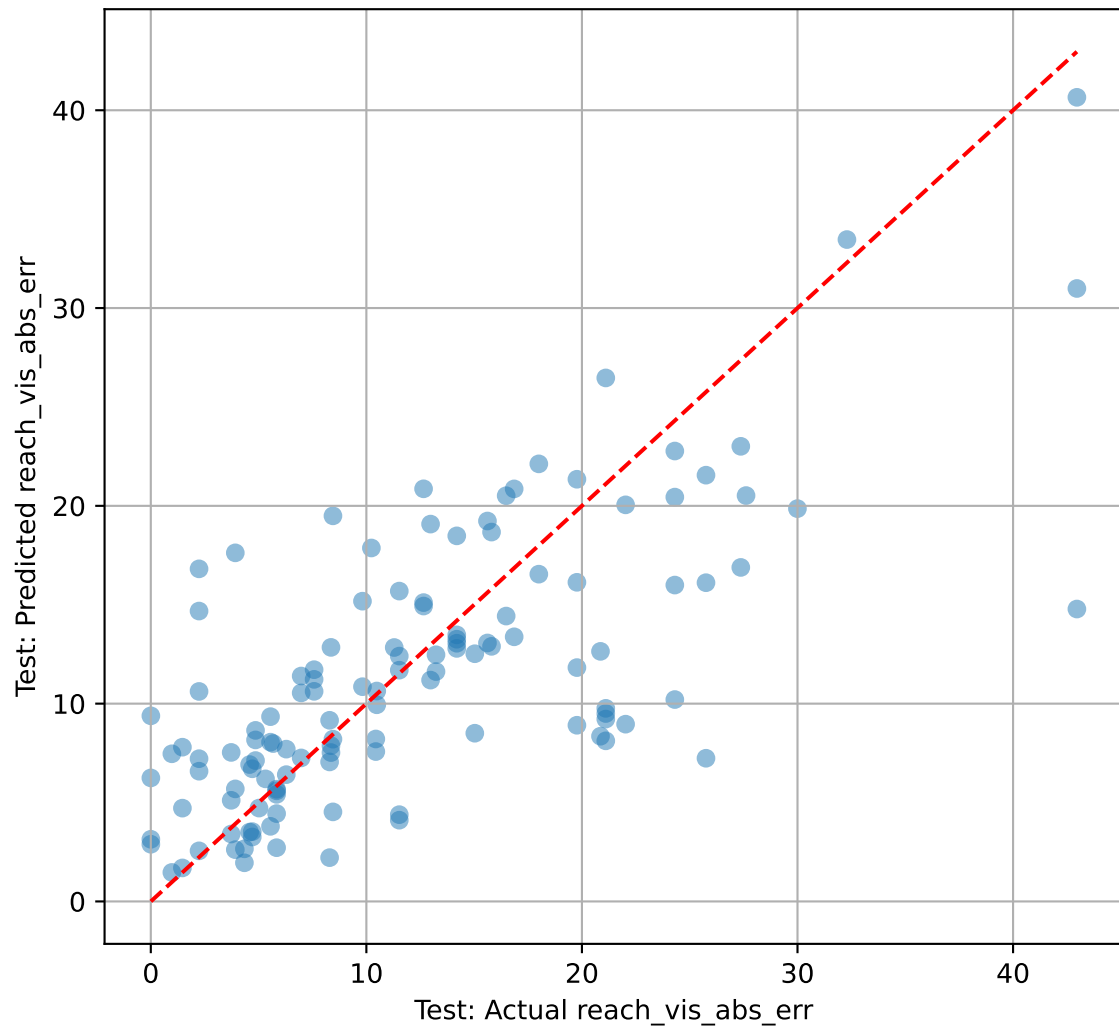


**sub-123**

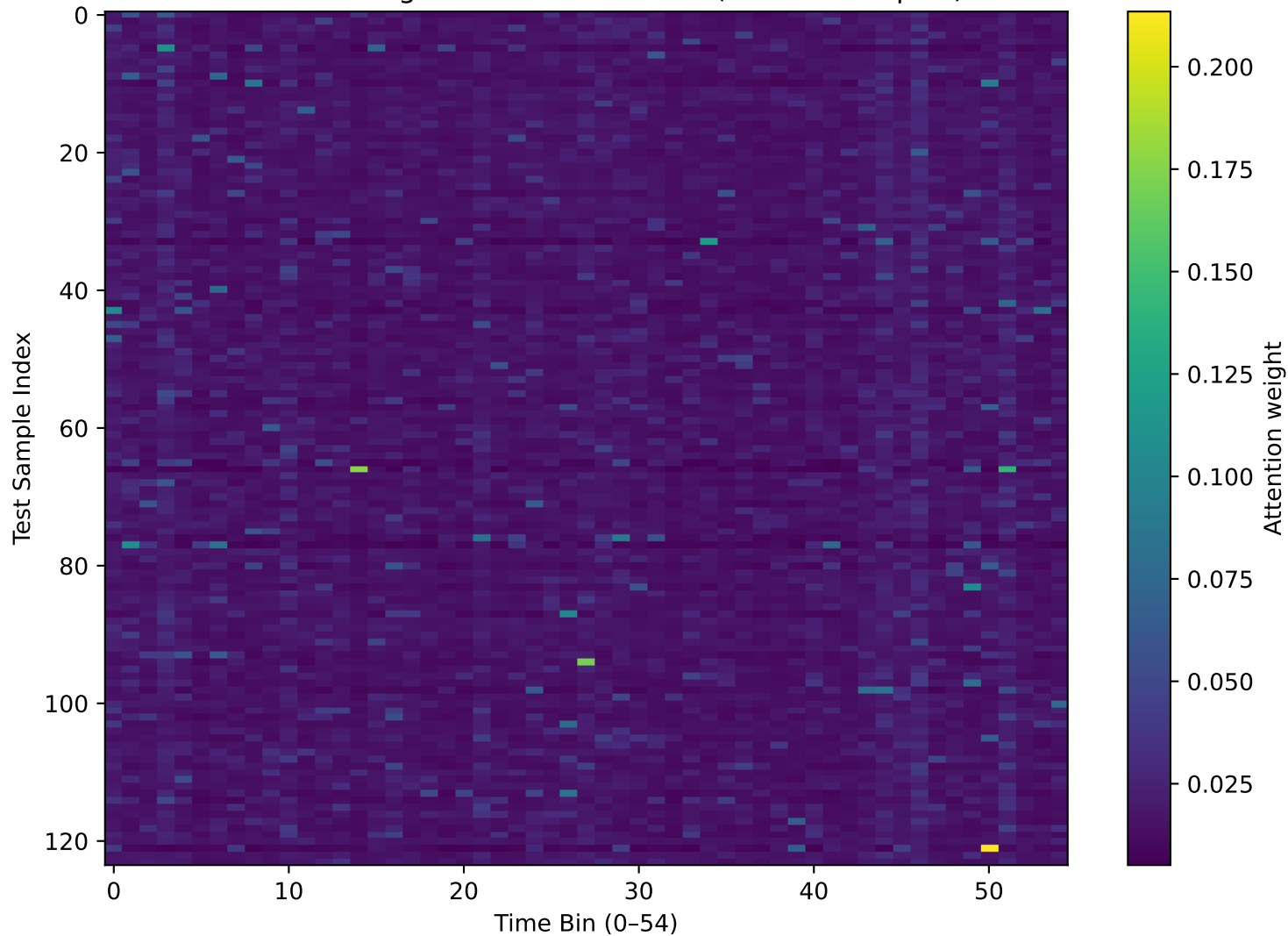
Train: Epoch 938  
MSE: 0.0955, R2: 0.9046



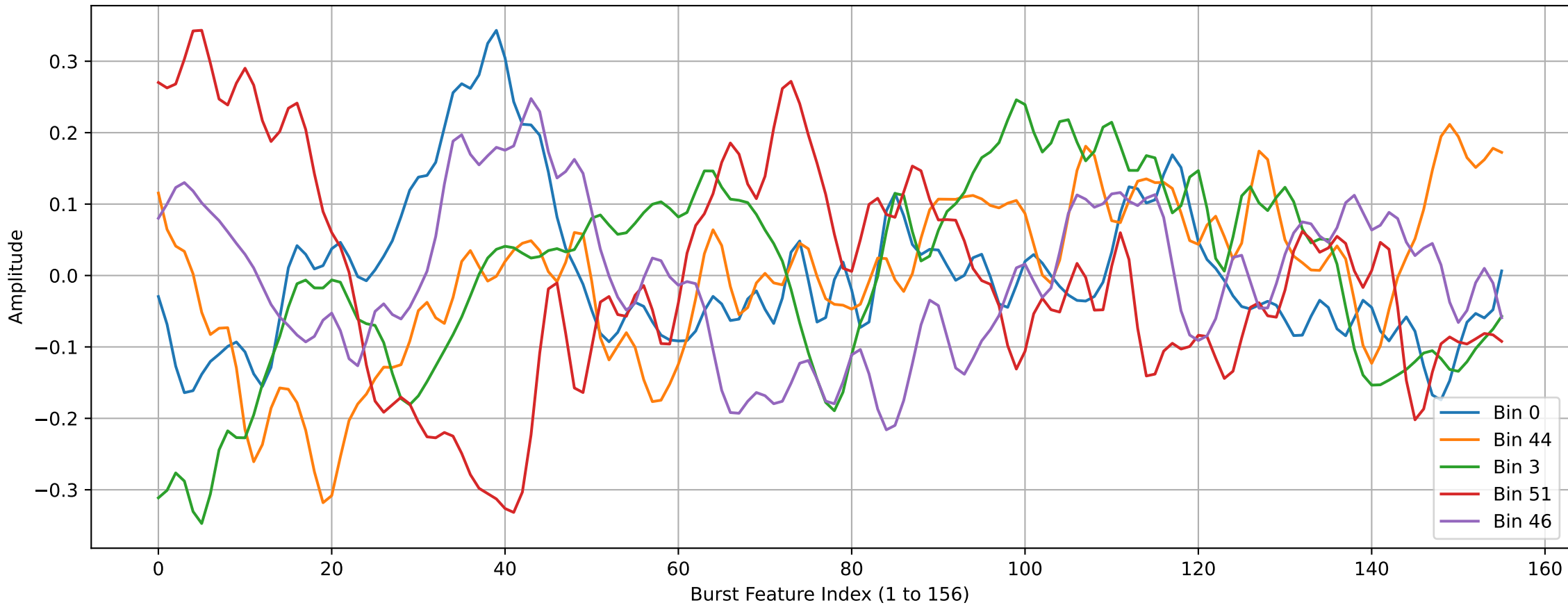
Val: Epoch 938  
MSE: 0.4844, R2: 0.5130



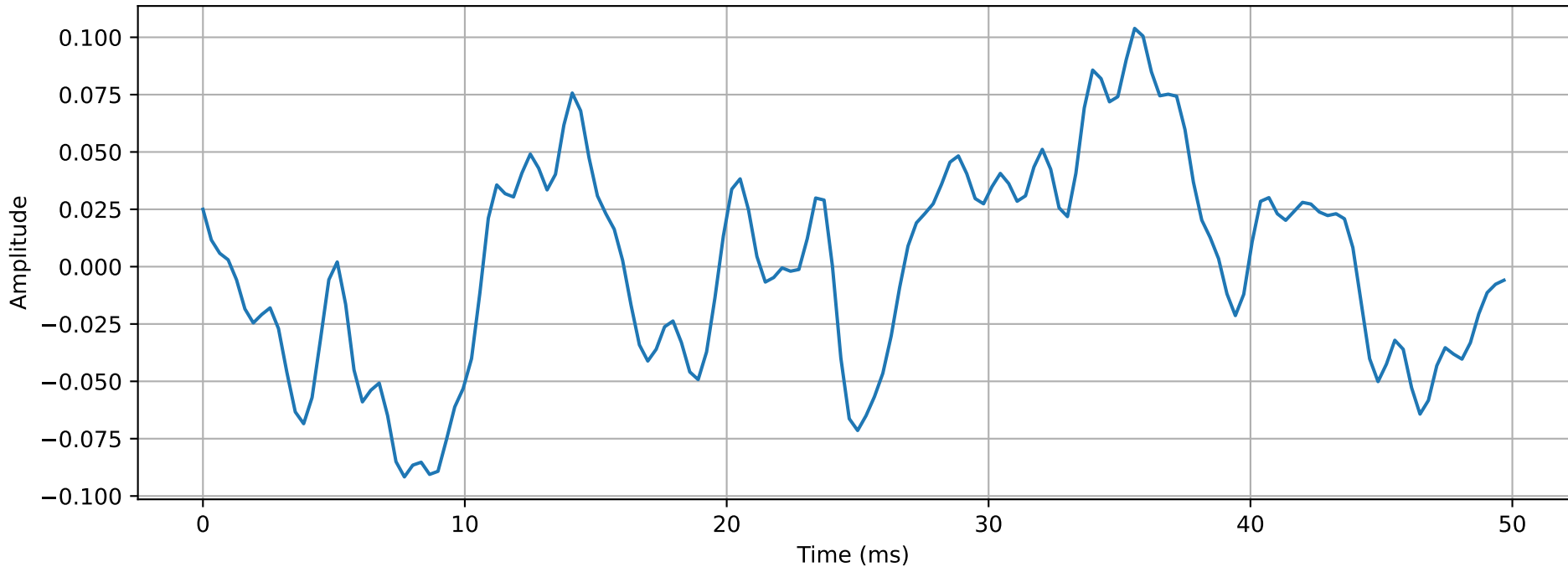
Attention Weights Across Time Bins (All Test Samples)



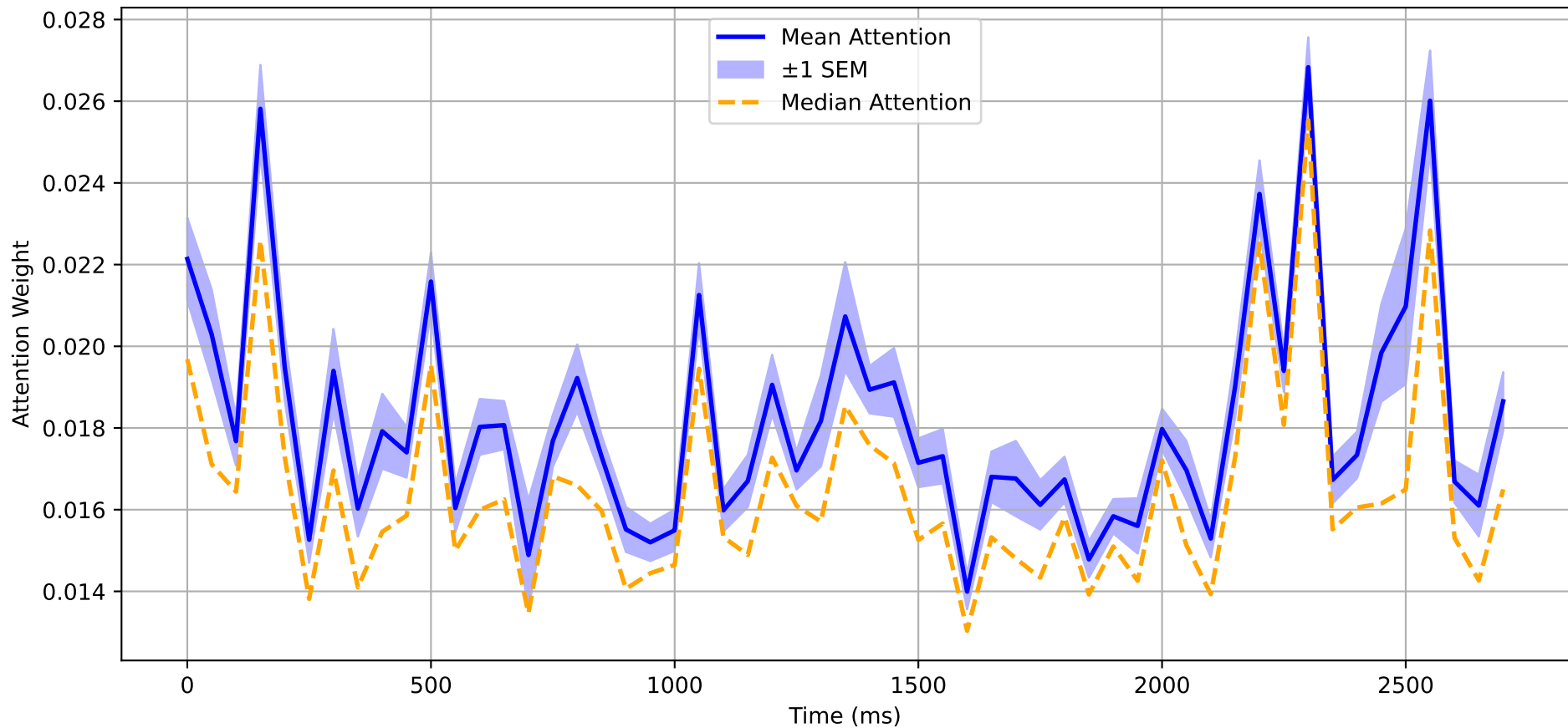
Waveform Shapes for Top Attention Bins (All Test Samples)



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

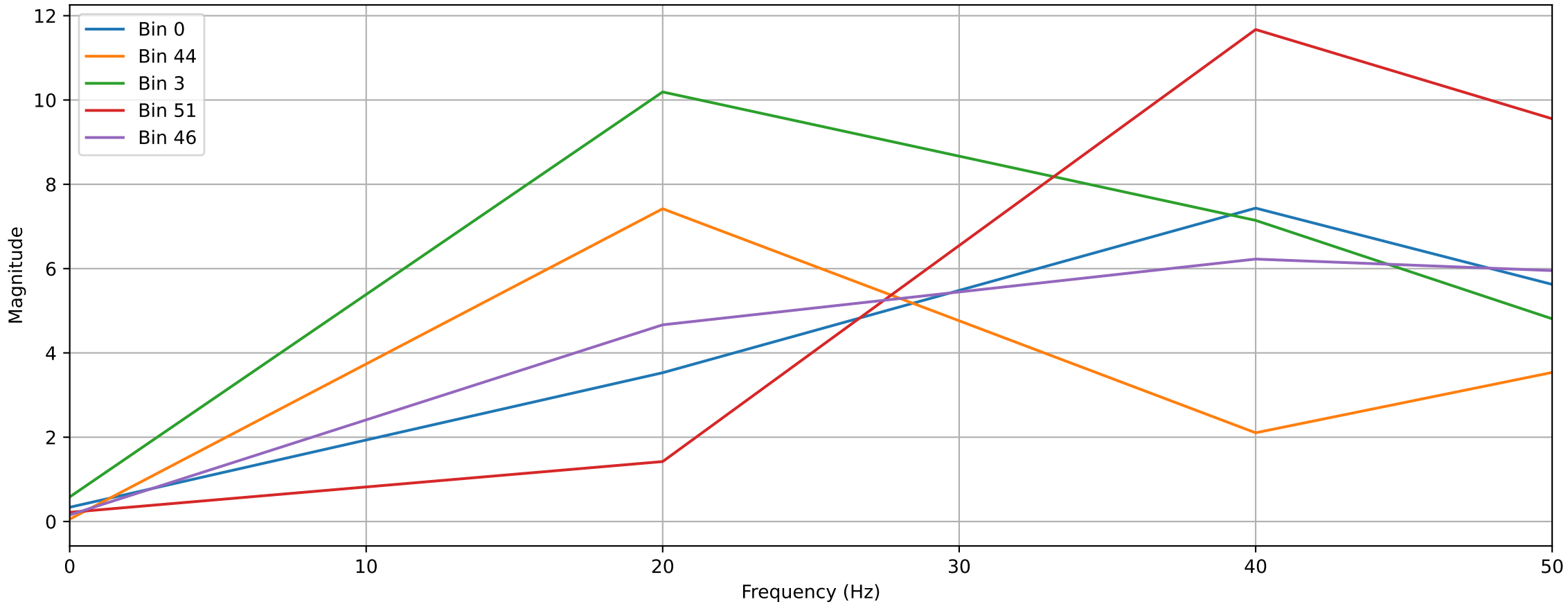


Mean & Median Attention Weights  $\pm$  SEM (This Subject)



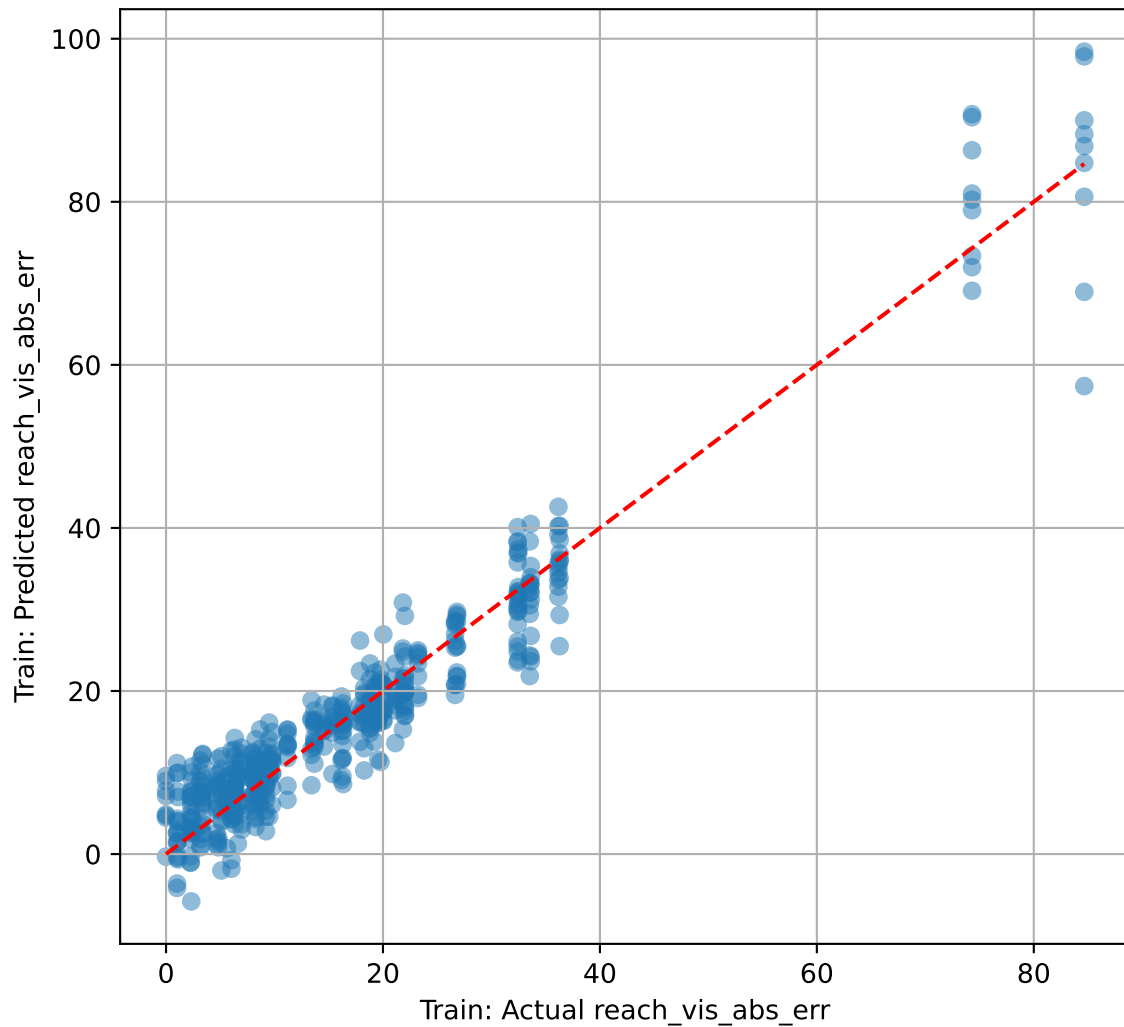


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

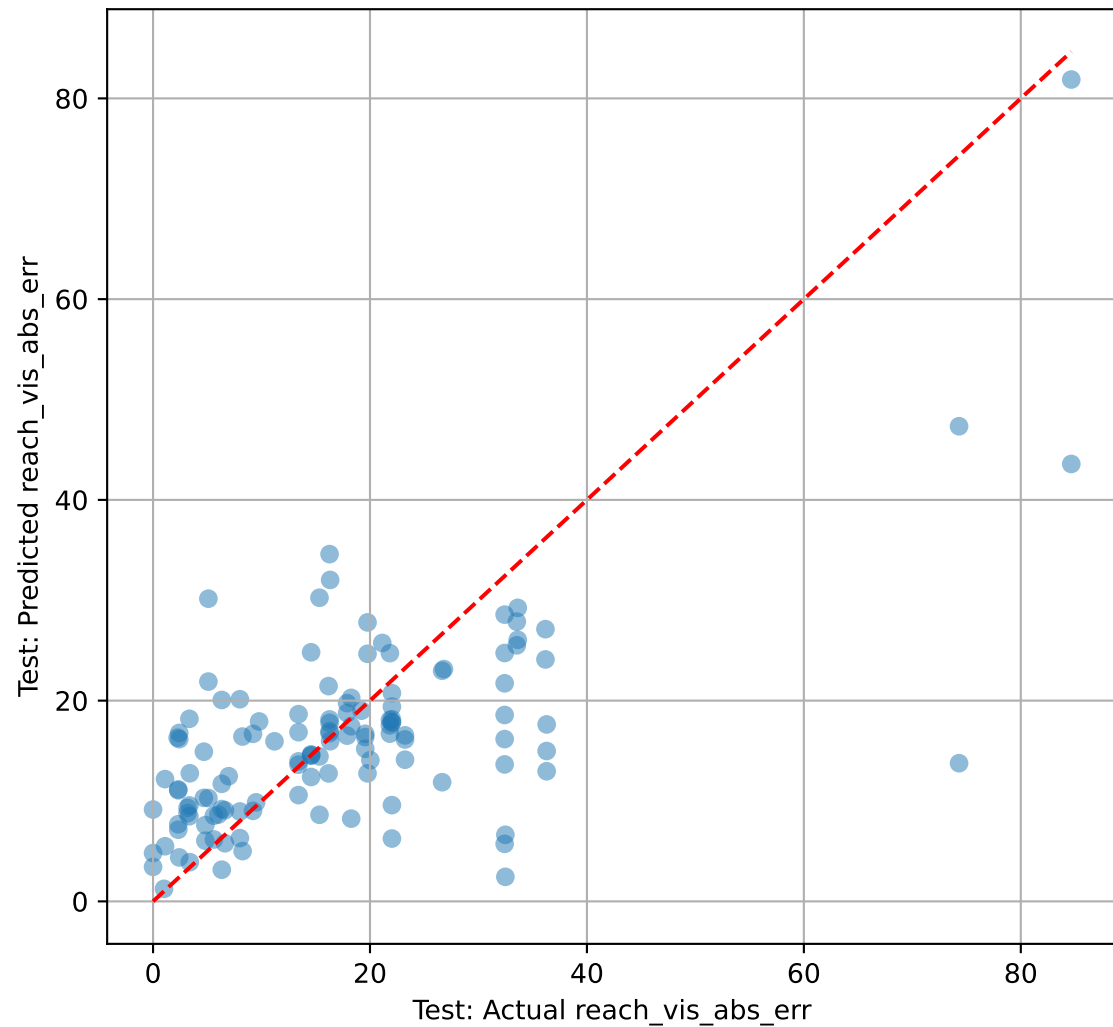


**sub-124**

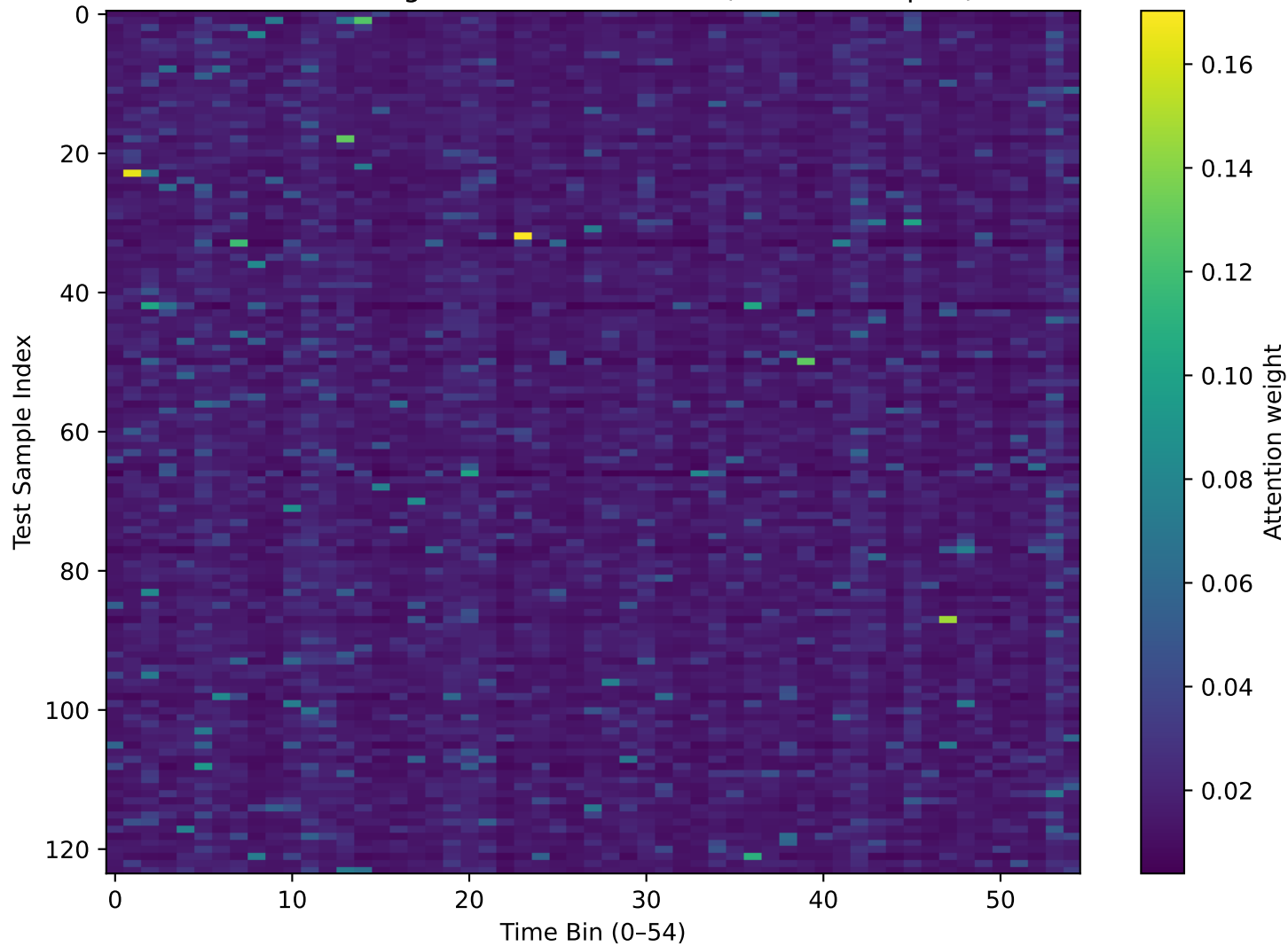
Train: Epoch 994  
MSE: 0.0742, R2: 0.9267



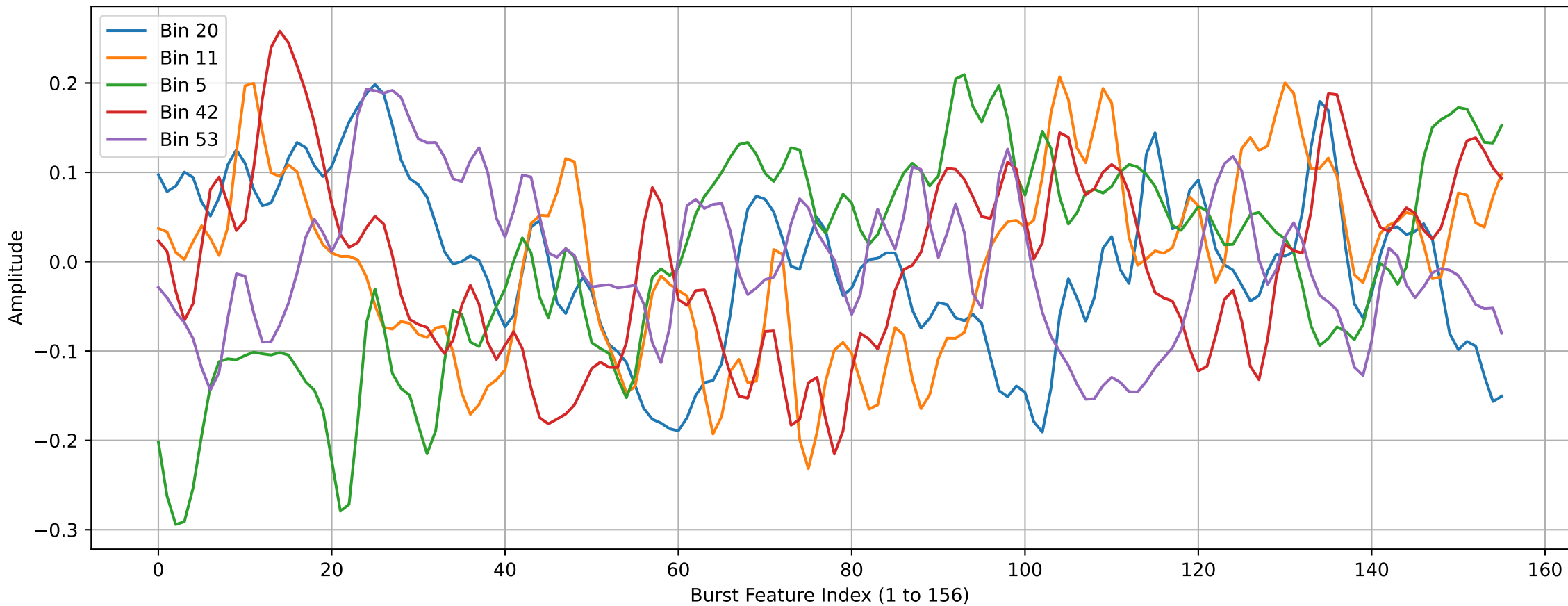
Val: Epoch 994  
MSE: 0.5433, R2: 0.4264



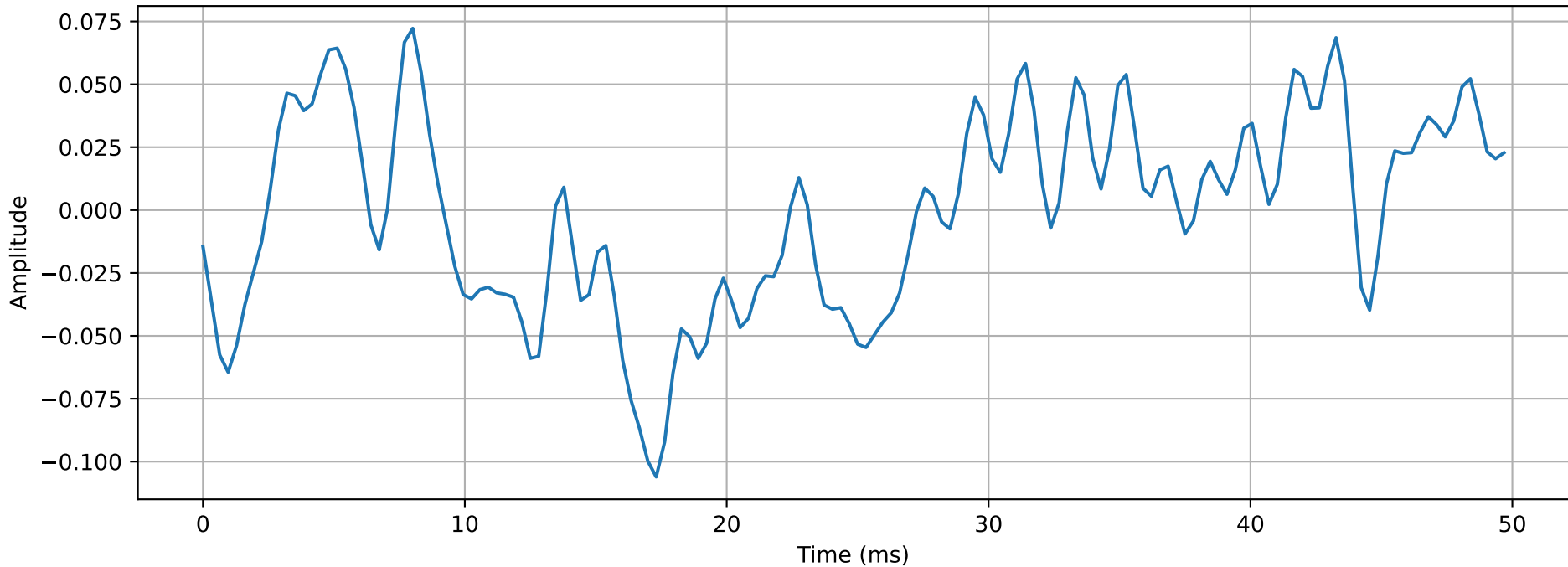
Attention Weights Across Time Bins (All Test Samples)



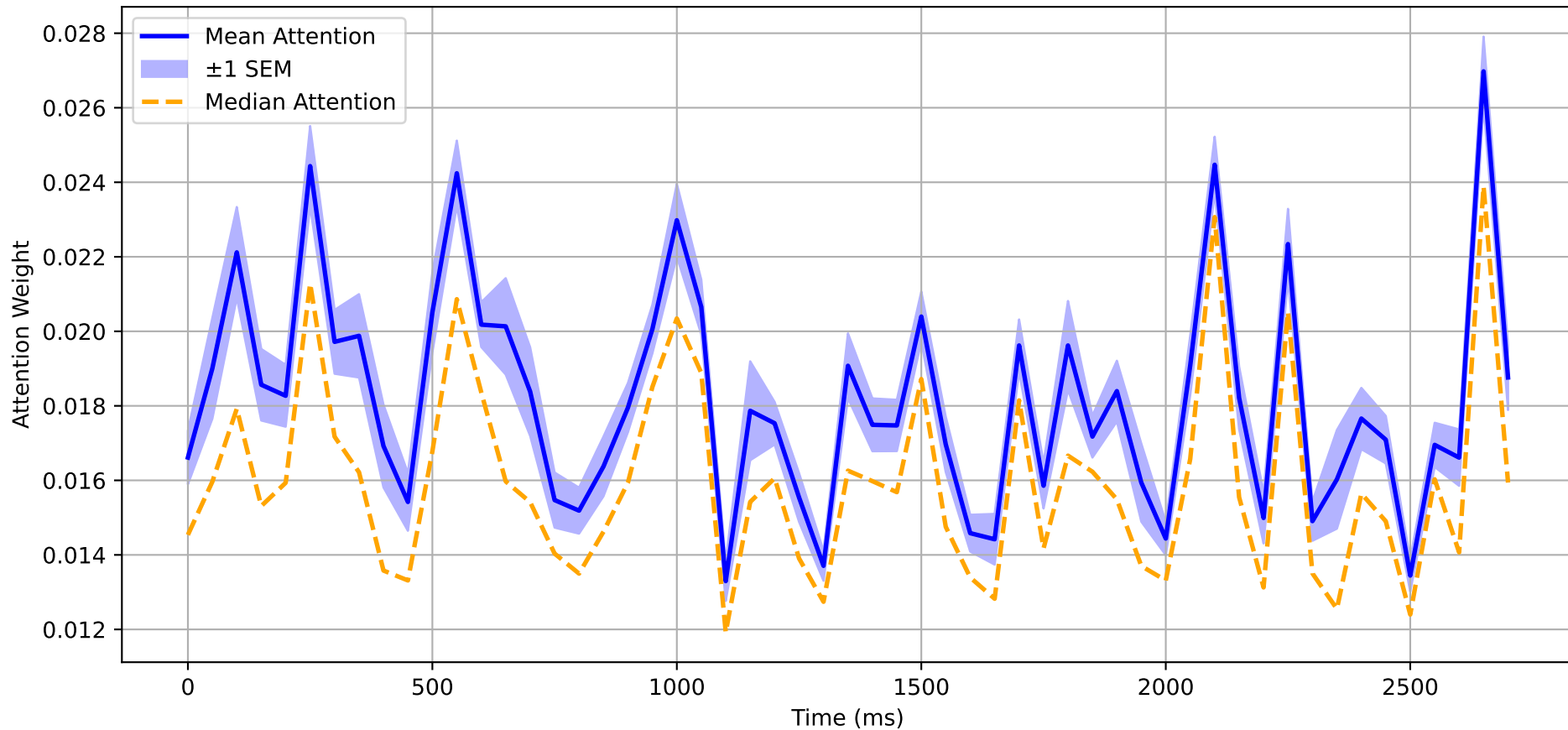
Waveform Shapes for Top Attention Bins (All Test Samples)



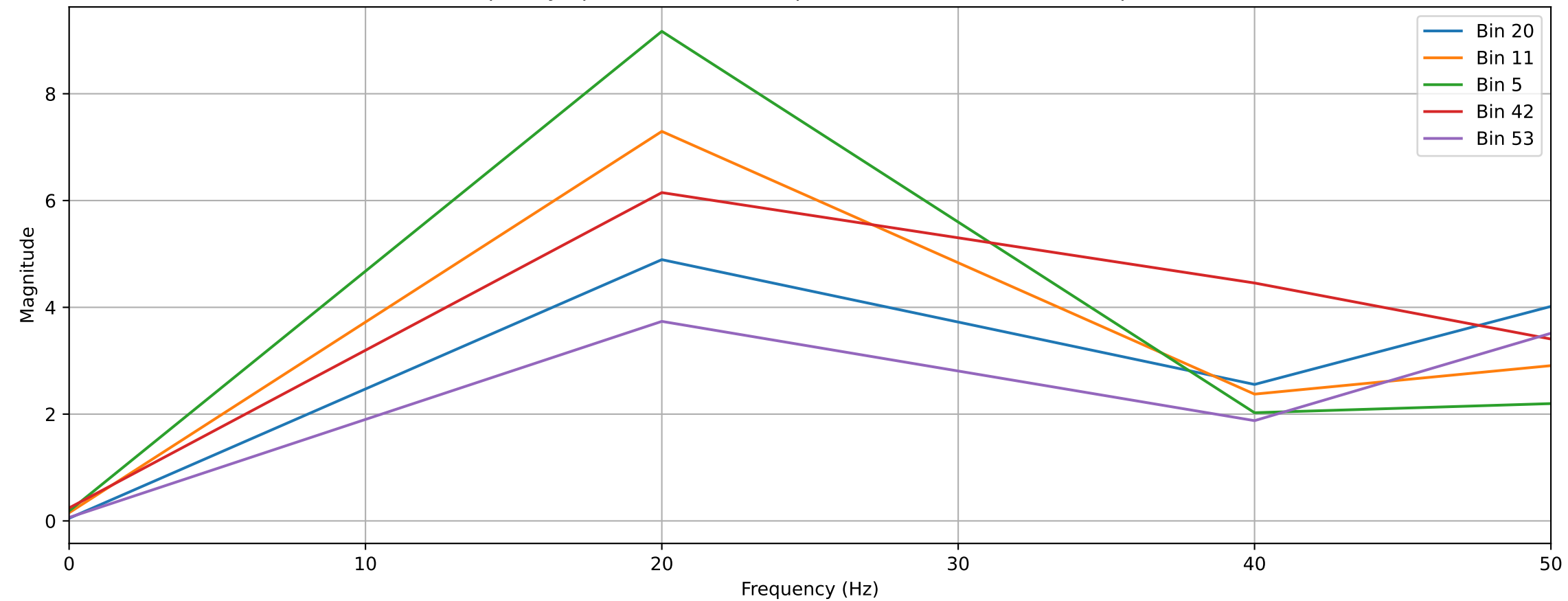
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)



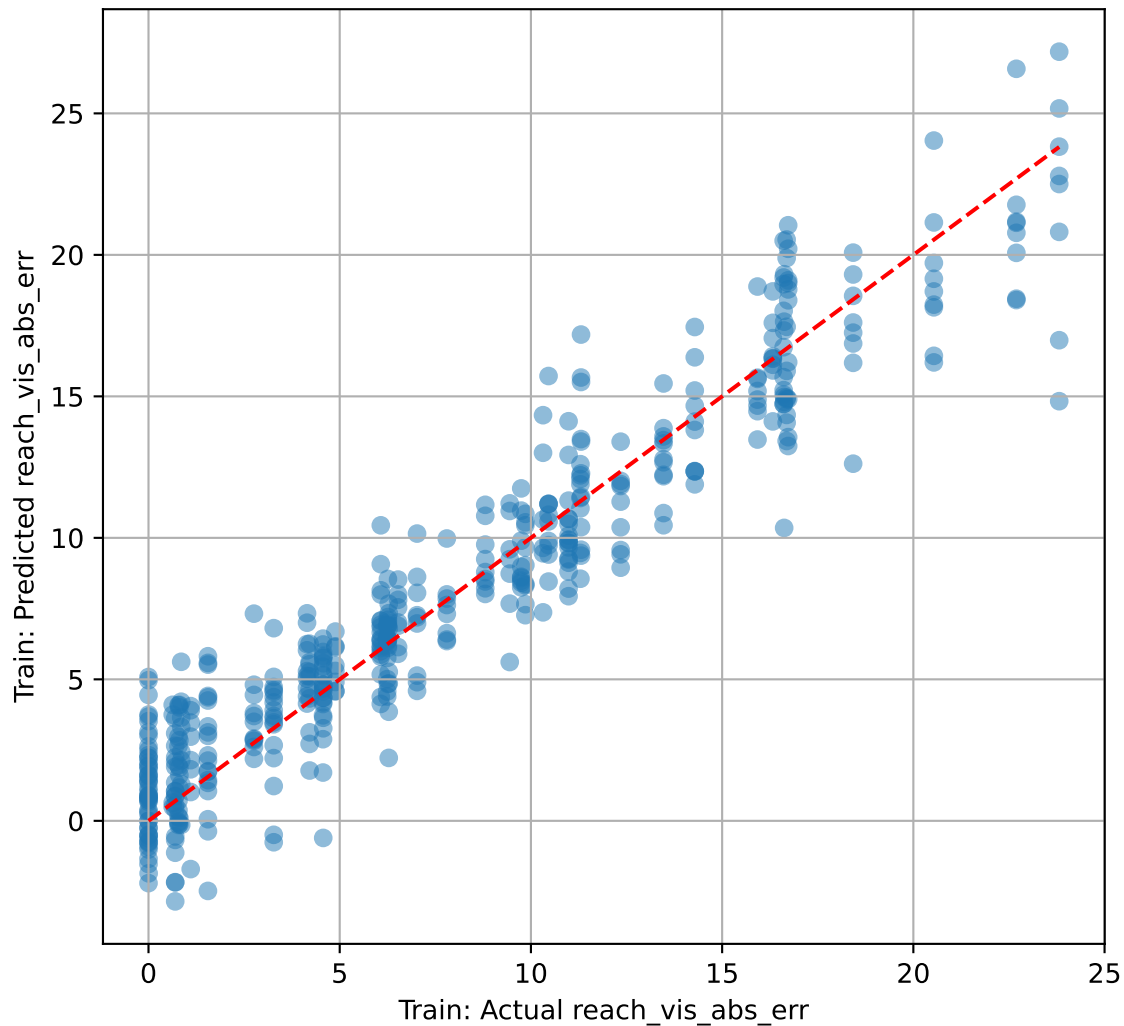
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



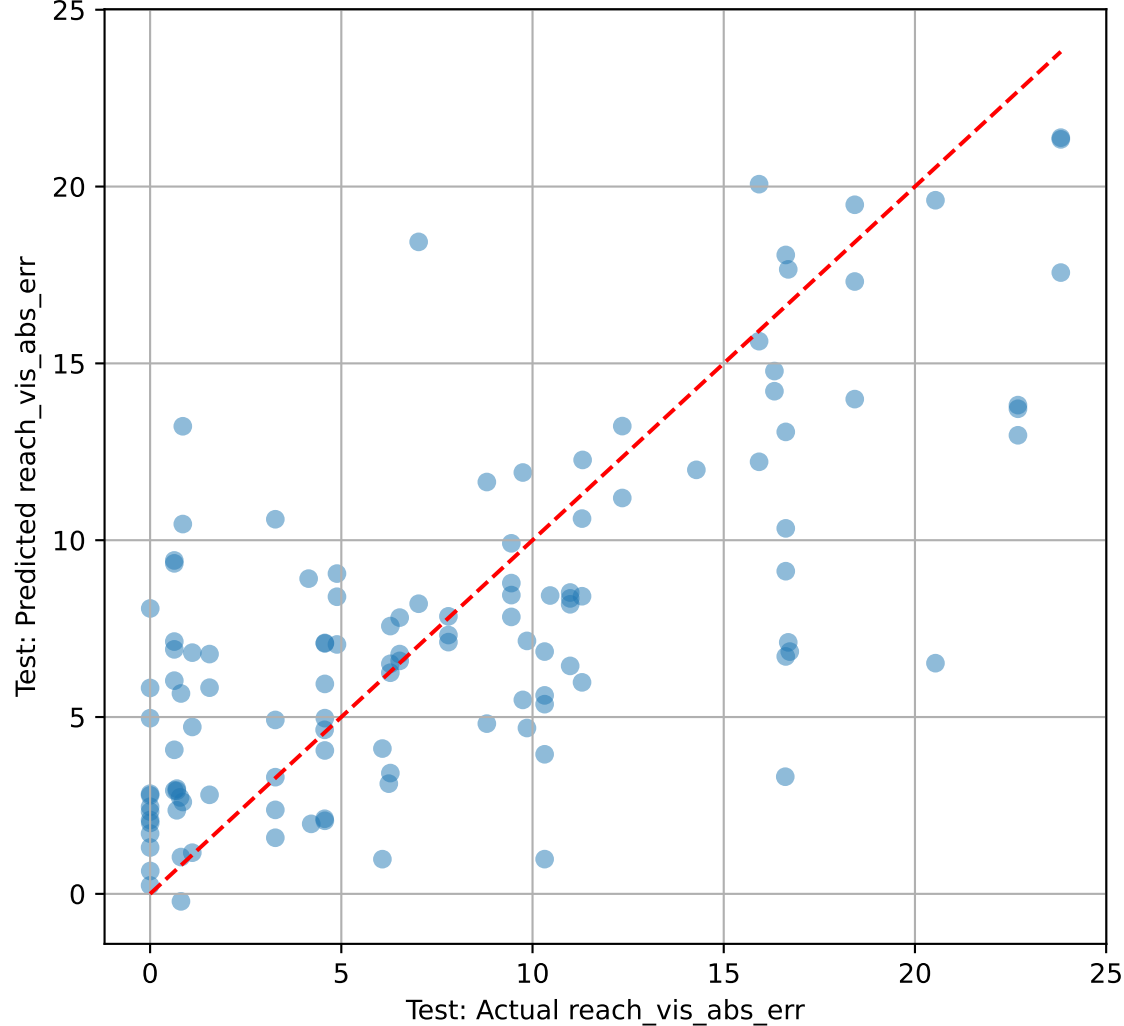


**sub-126**

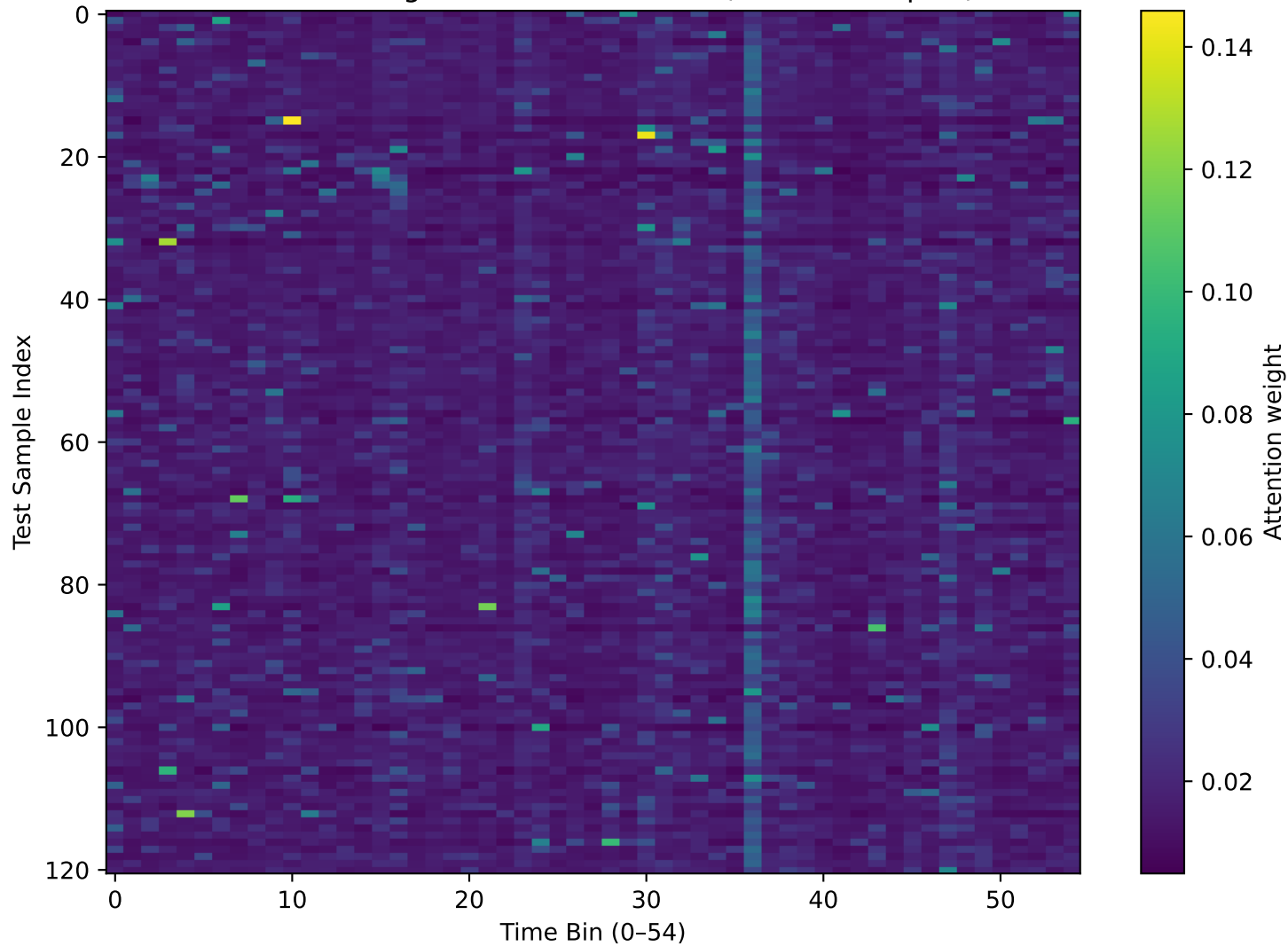
Train: Epoch 940  
MSE: 0.0918, R2: 0.9060



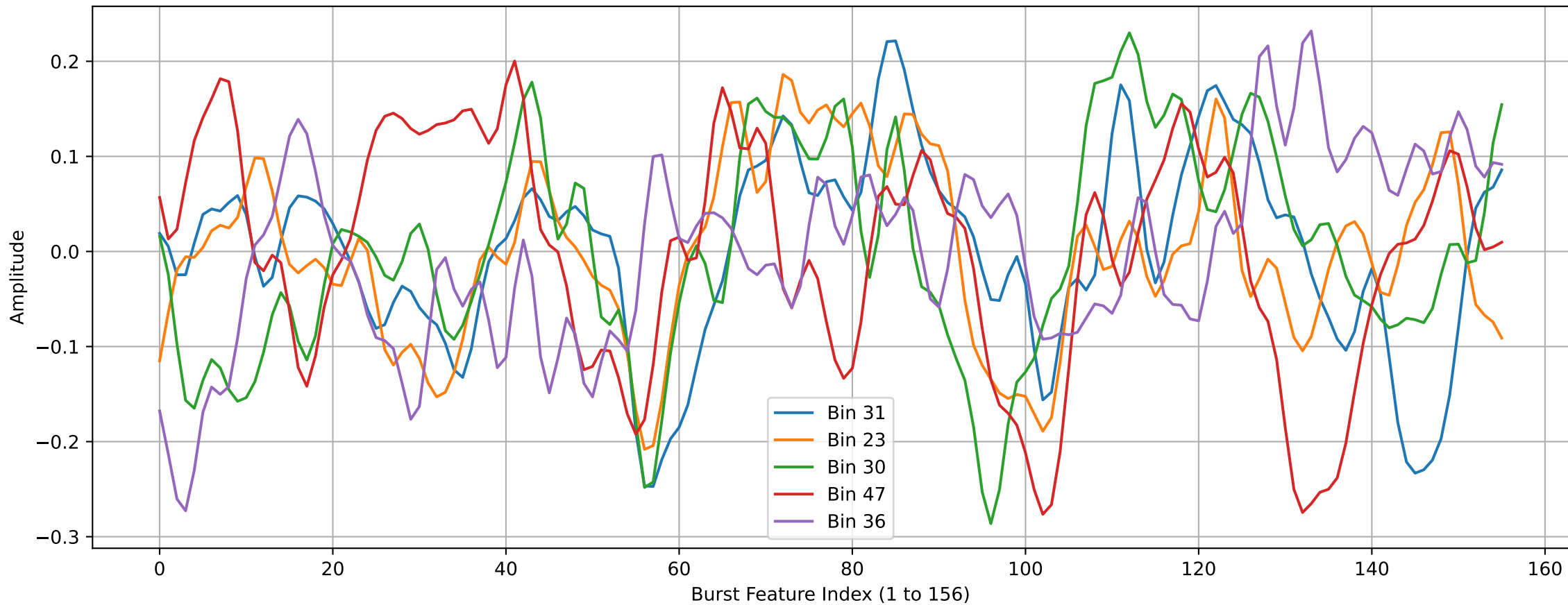
Val: Epoch 940  
MSE: 0.5248, R2: 0.5198



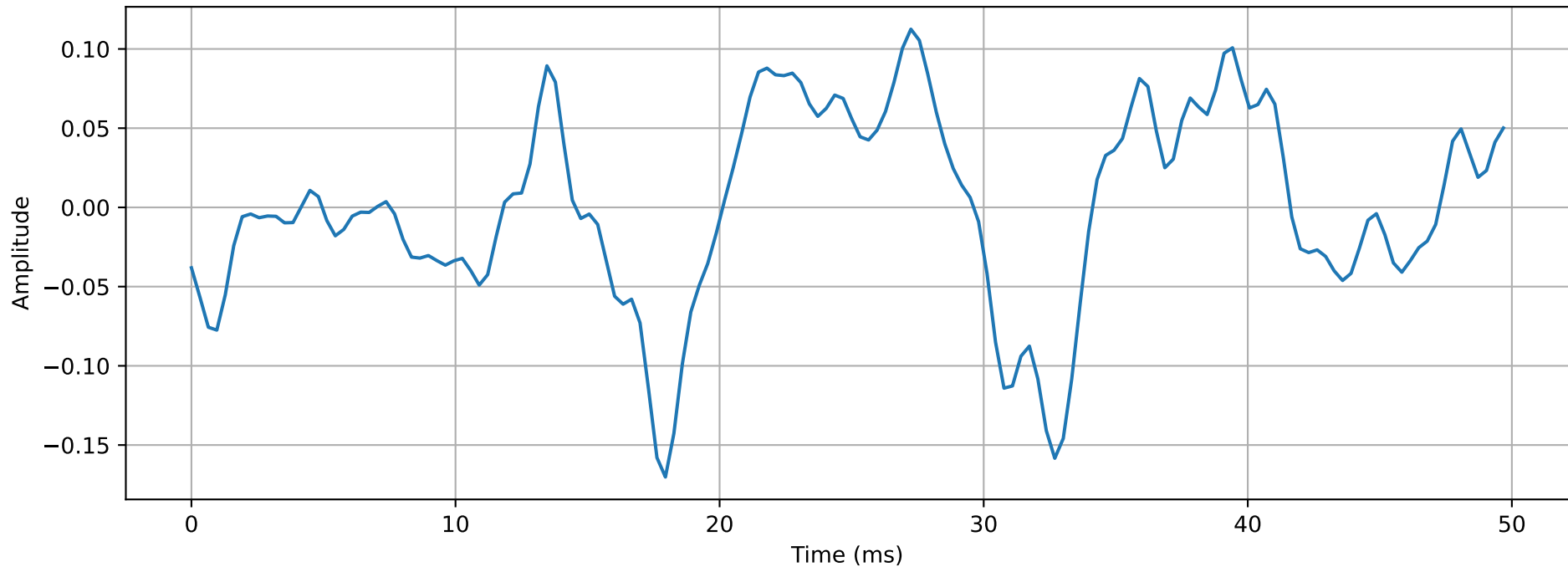
Attention Weights Across Time Bins (All Test Samples)



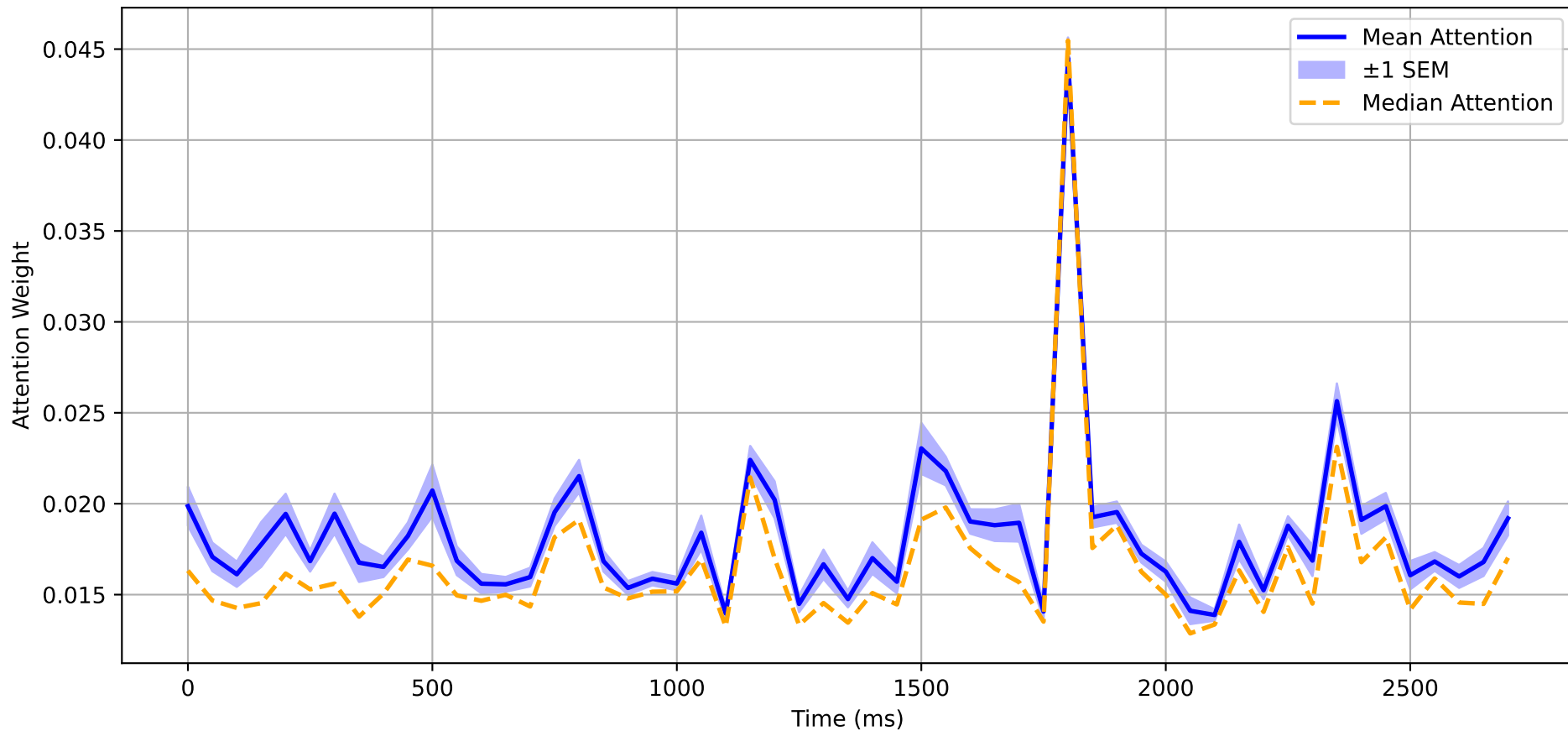
Waveform Shapes for Top Attention Bins (All Test Samples)



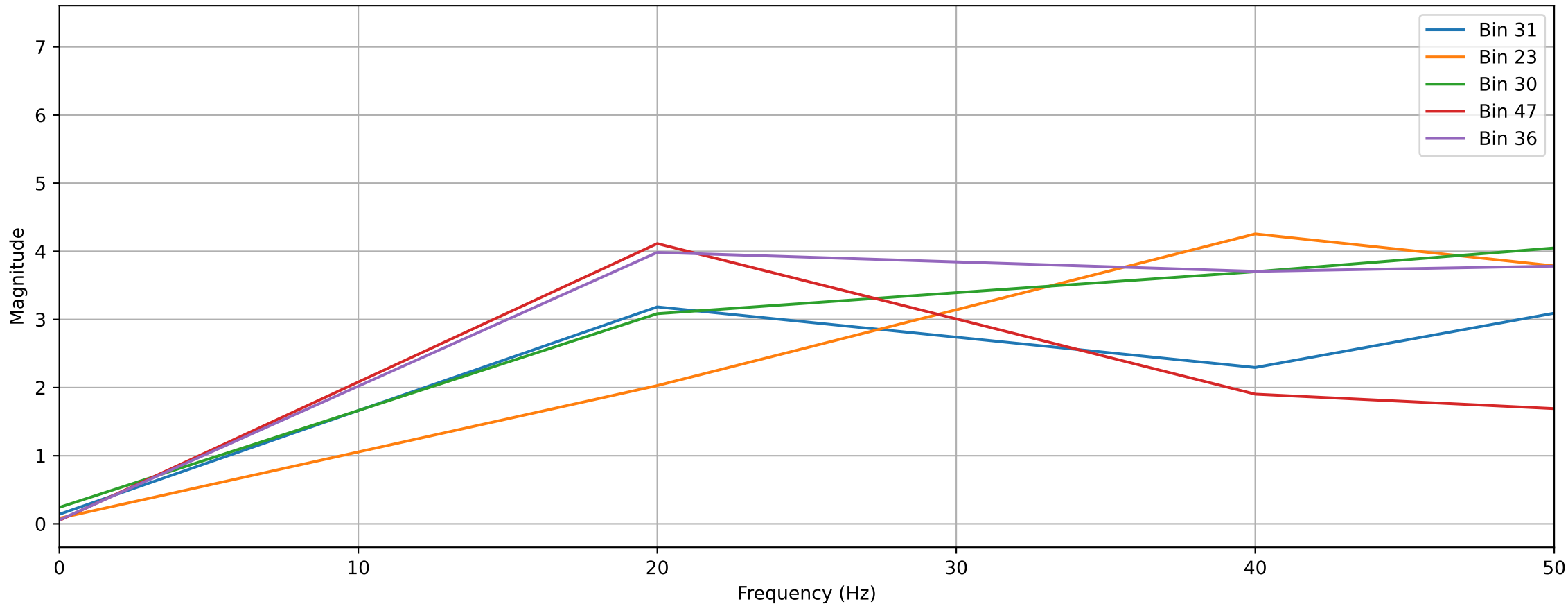
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)



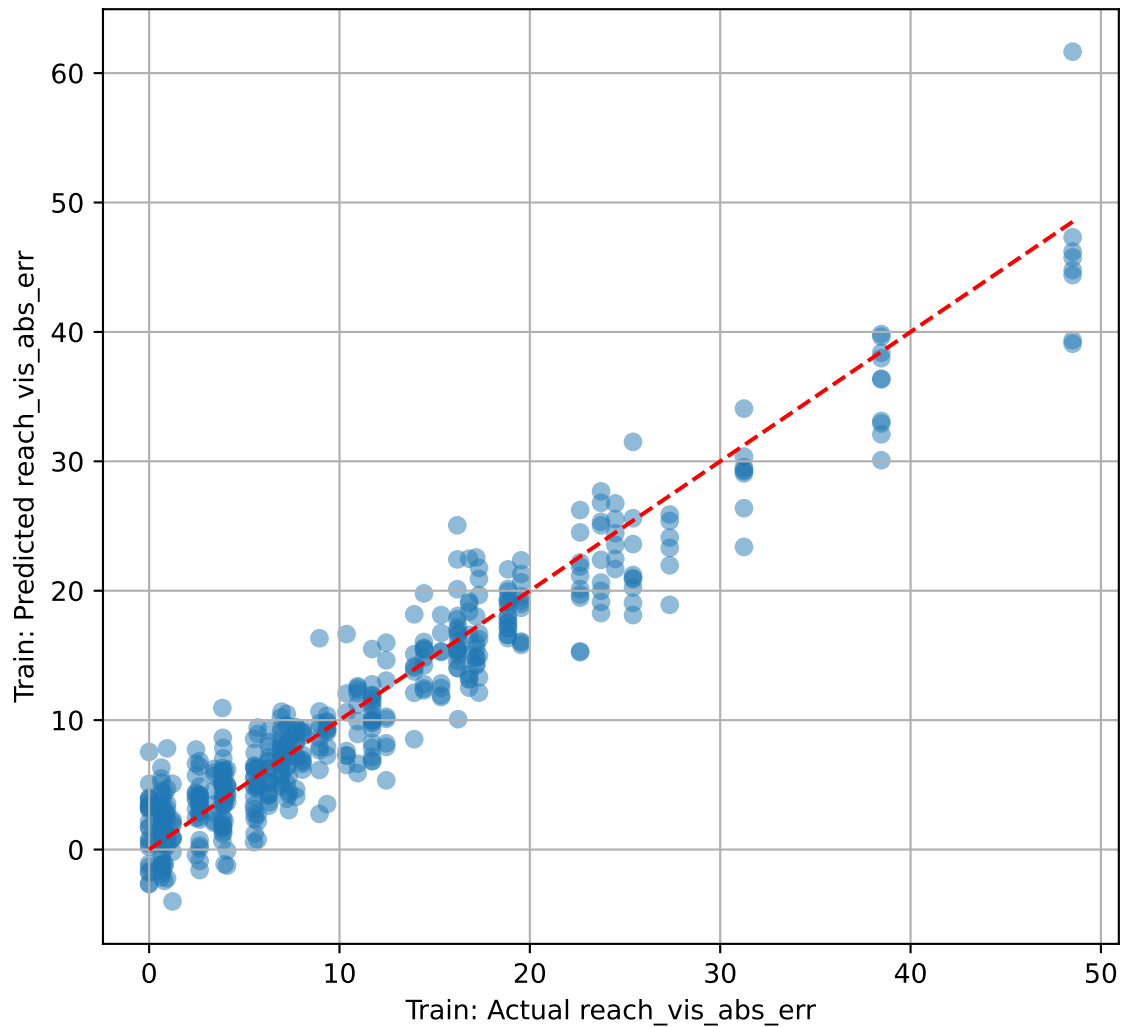
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



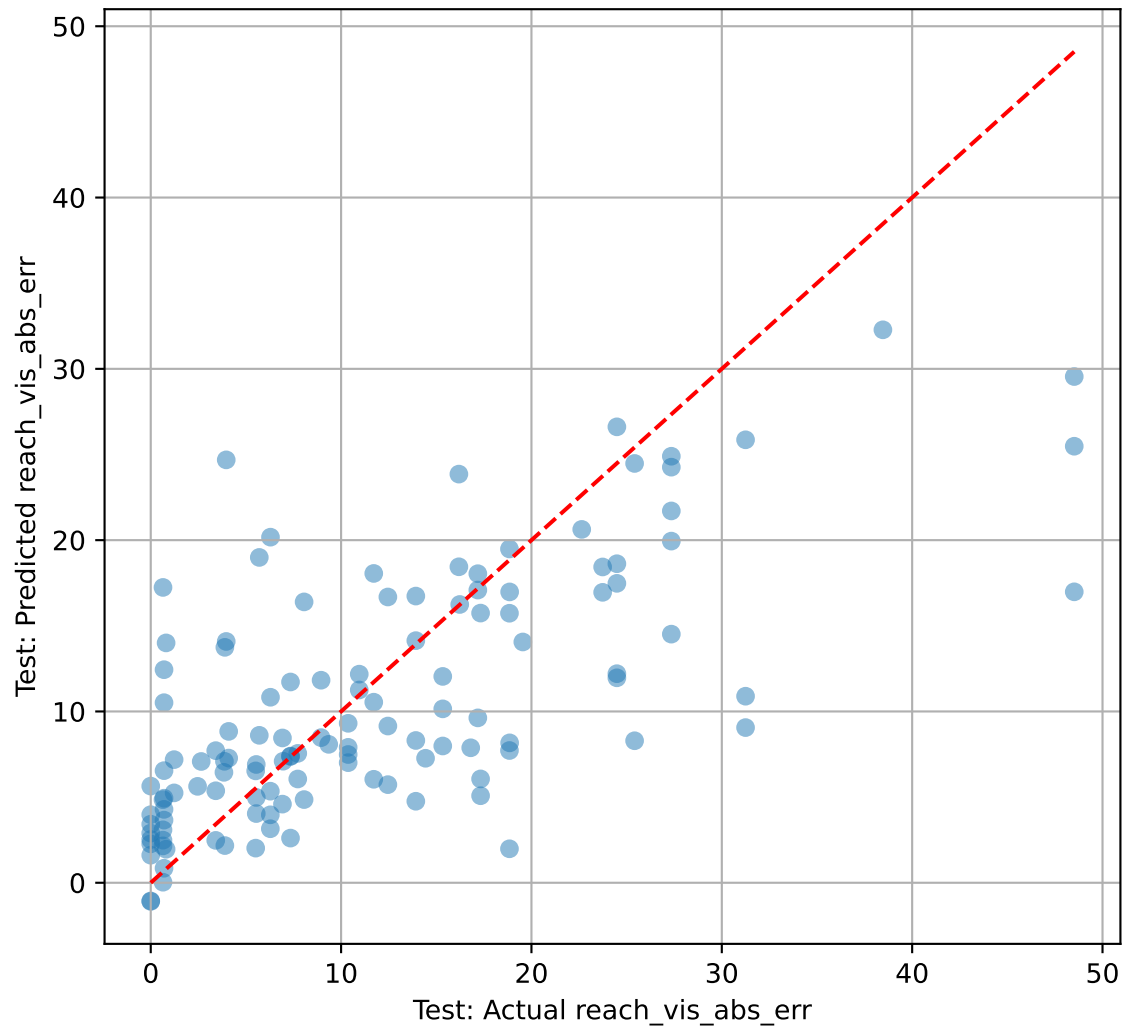
**sub-127**



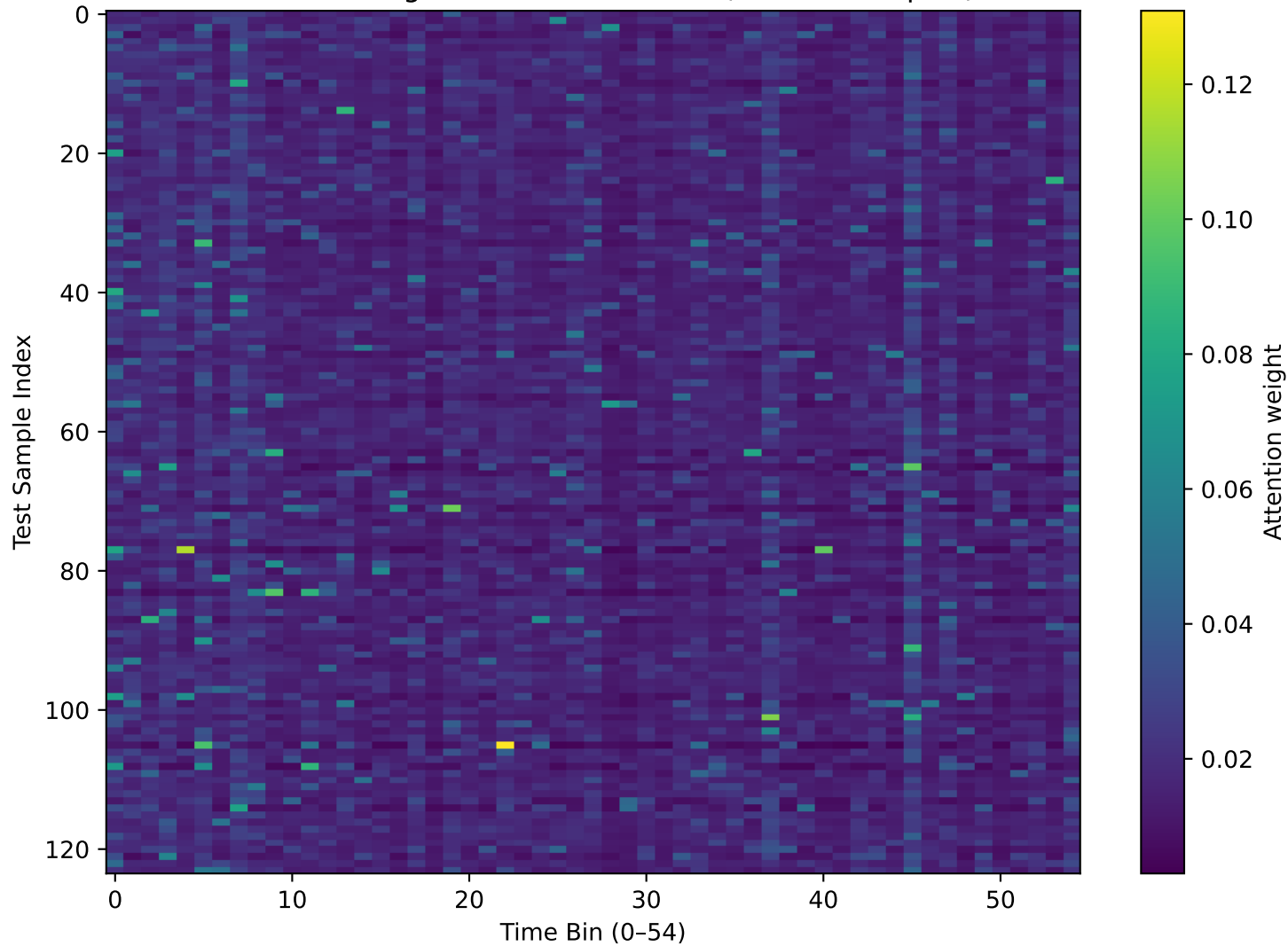
Train: Epoch 978  
MSE: 0.0788, R2: 0.9187



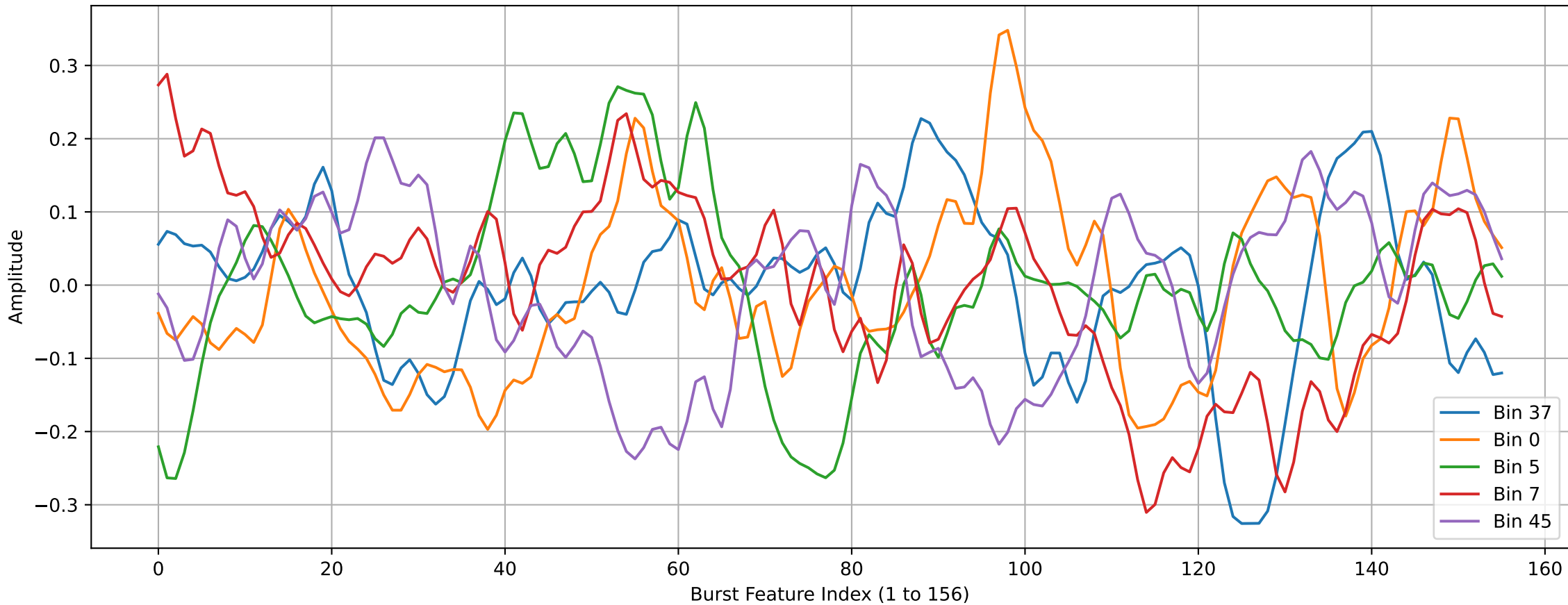
Val: Epoch 978  
MSE: 0.5971, R2: 0.4647



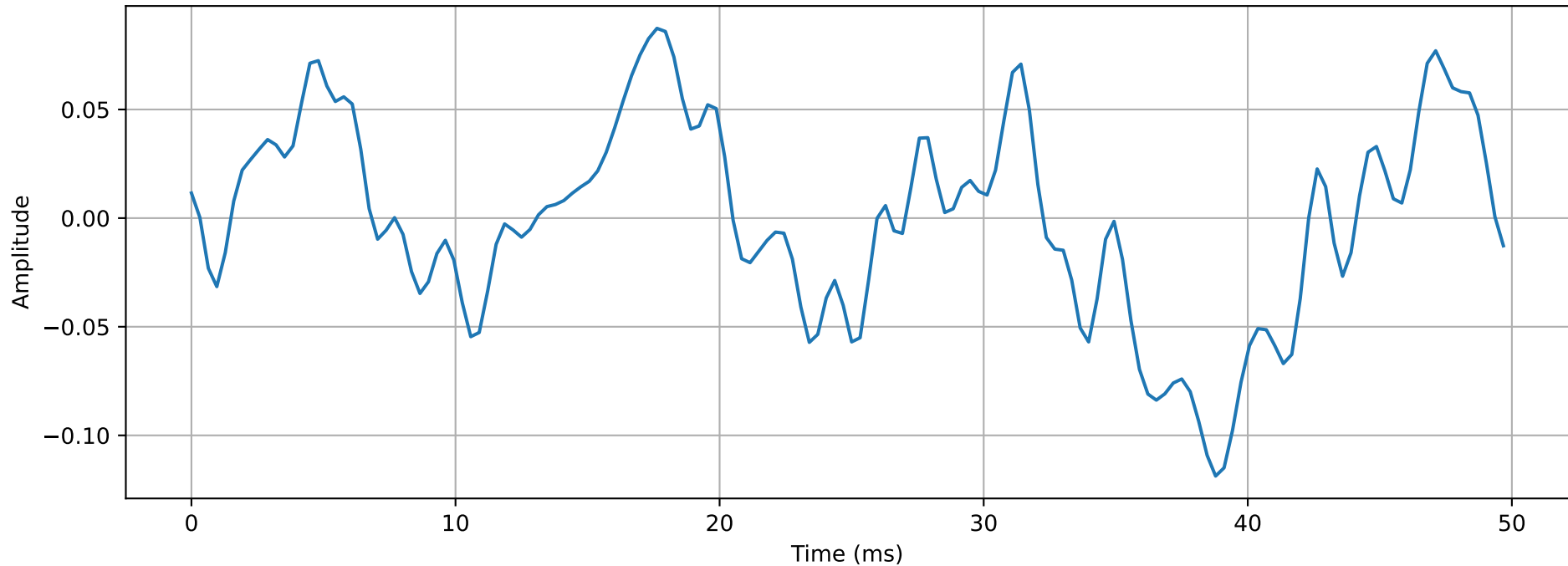
Attention Weights Across Time Bins (All Test Samples)



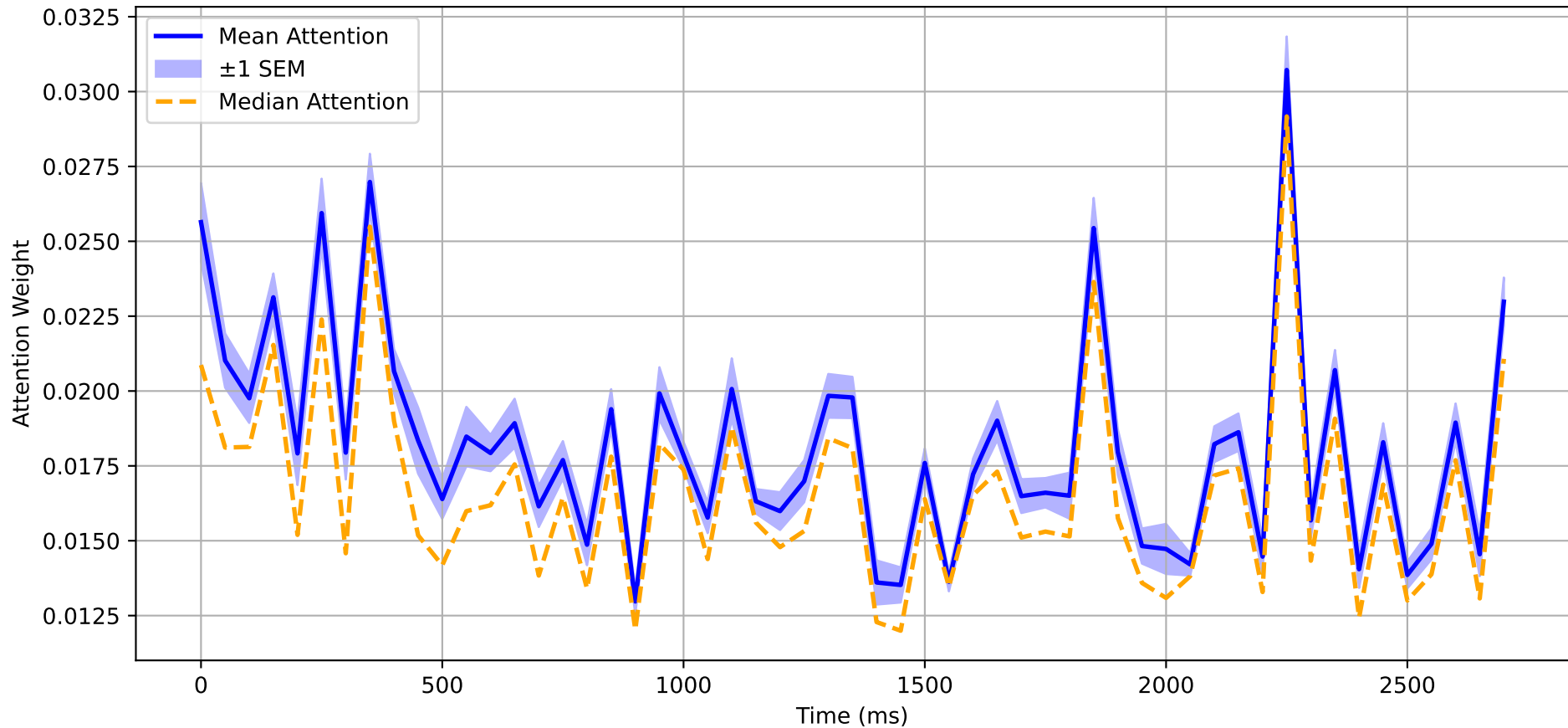
Waveform Shapes for Top Attention Bins (All Test Samples)



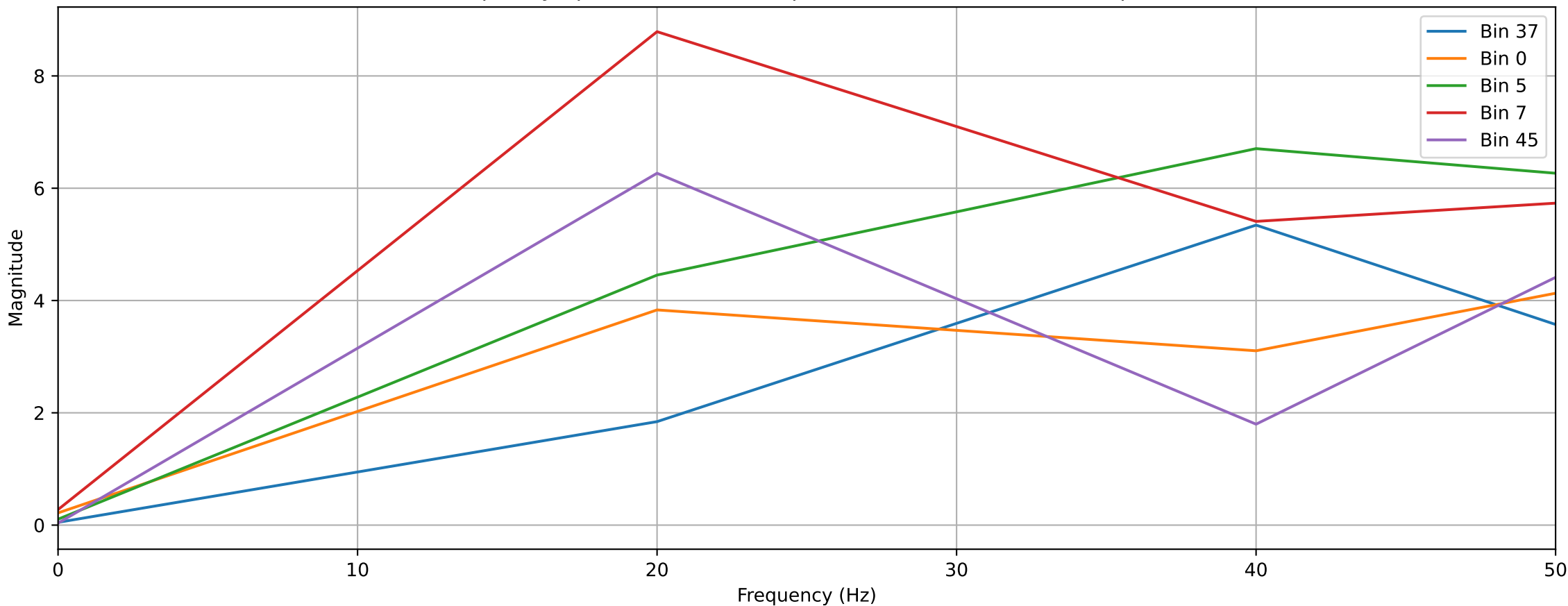
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

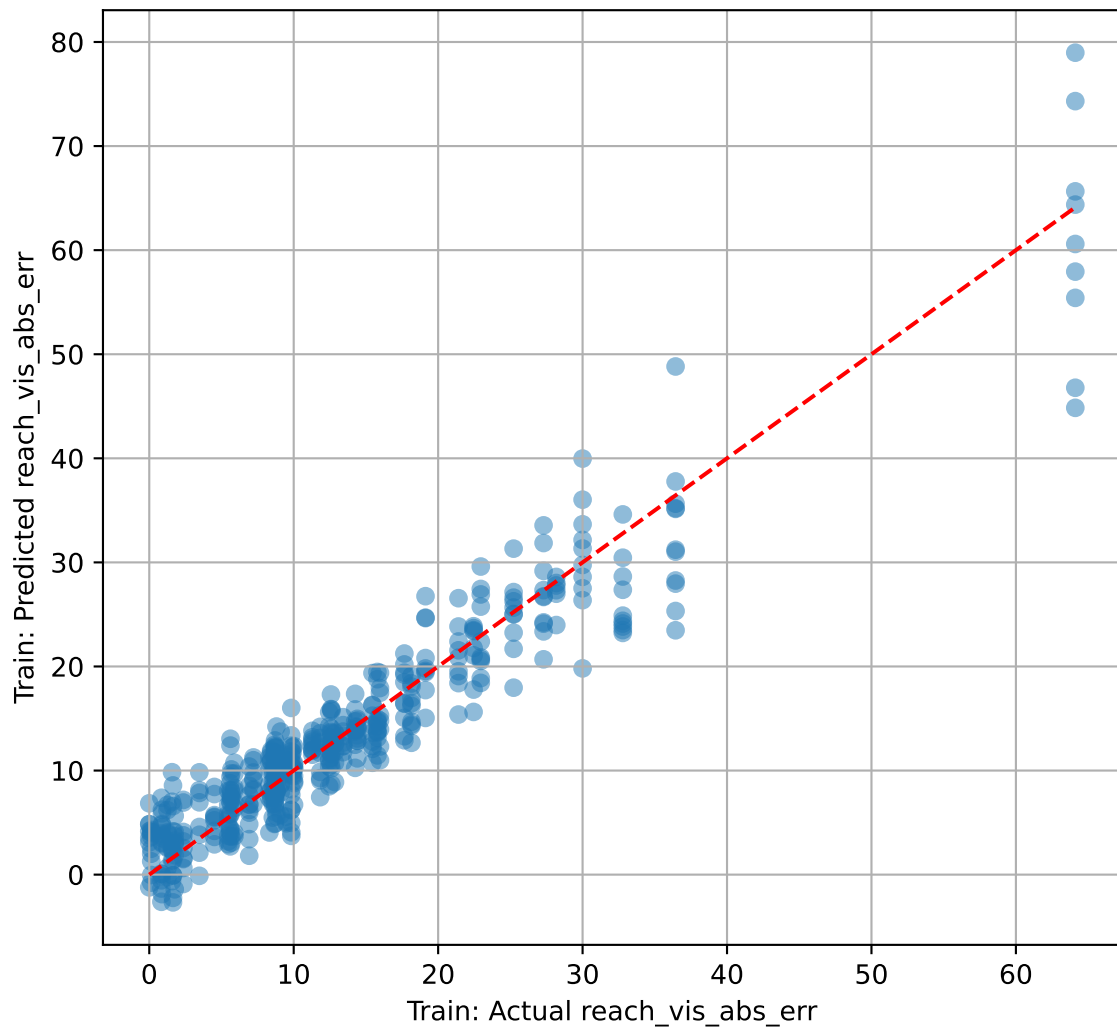


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

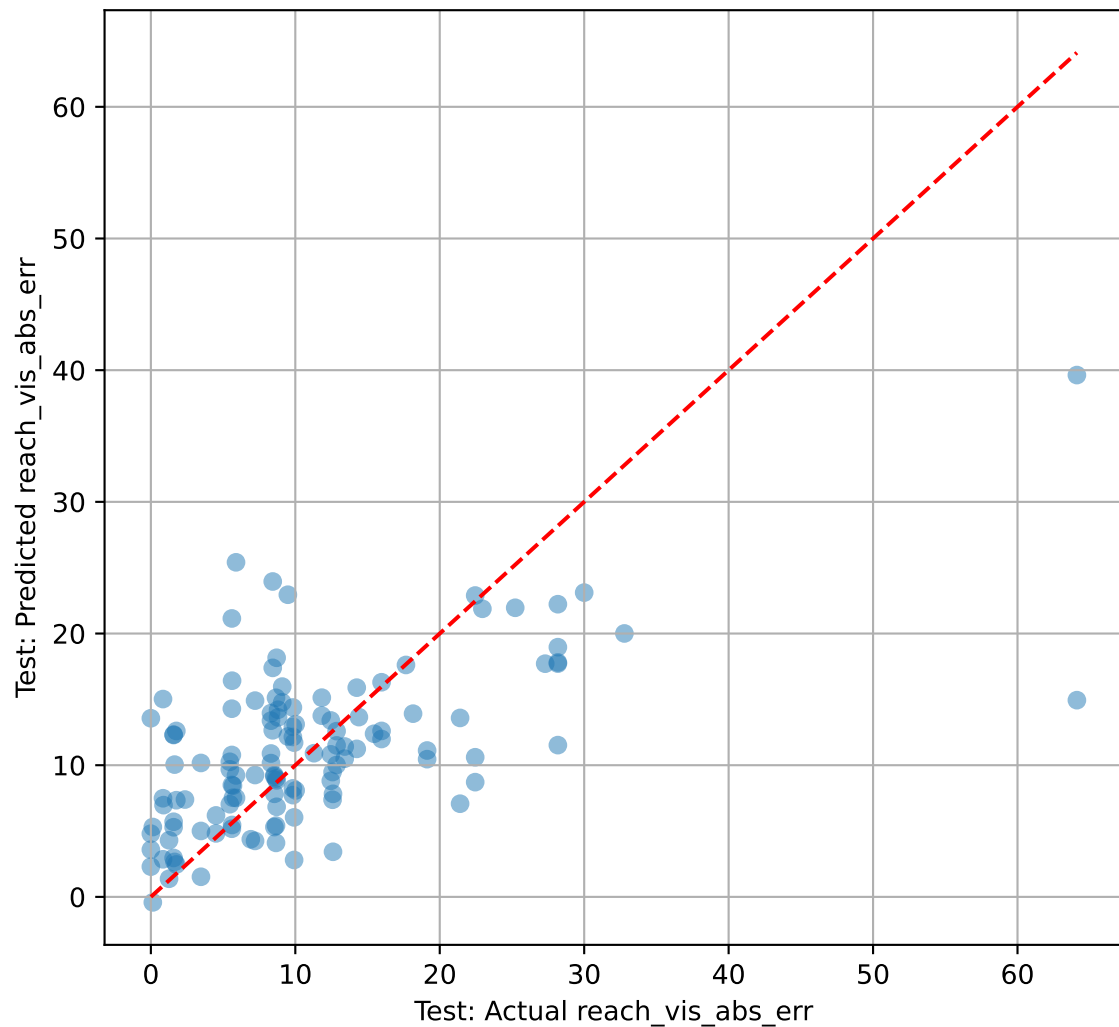


**sub-129**

Train: Epoch 994  
MSE: 0.1001, R2: 0.9028

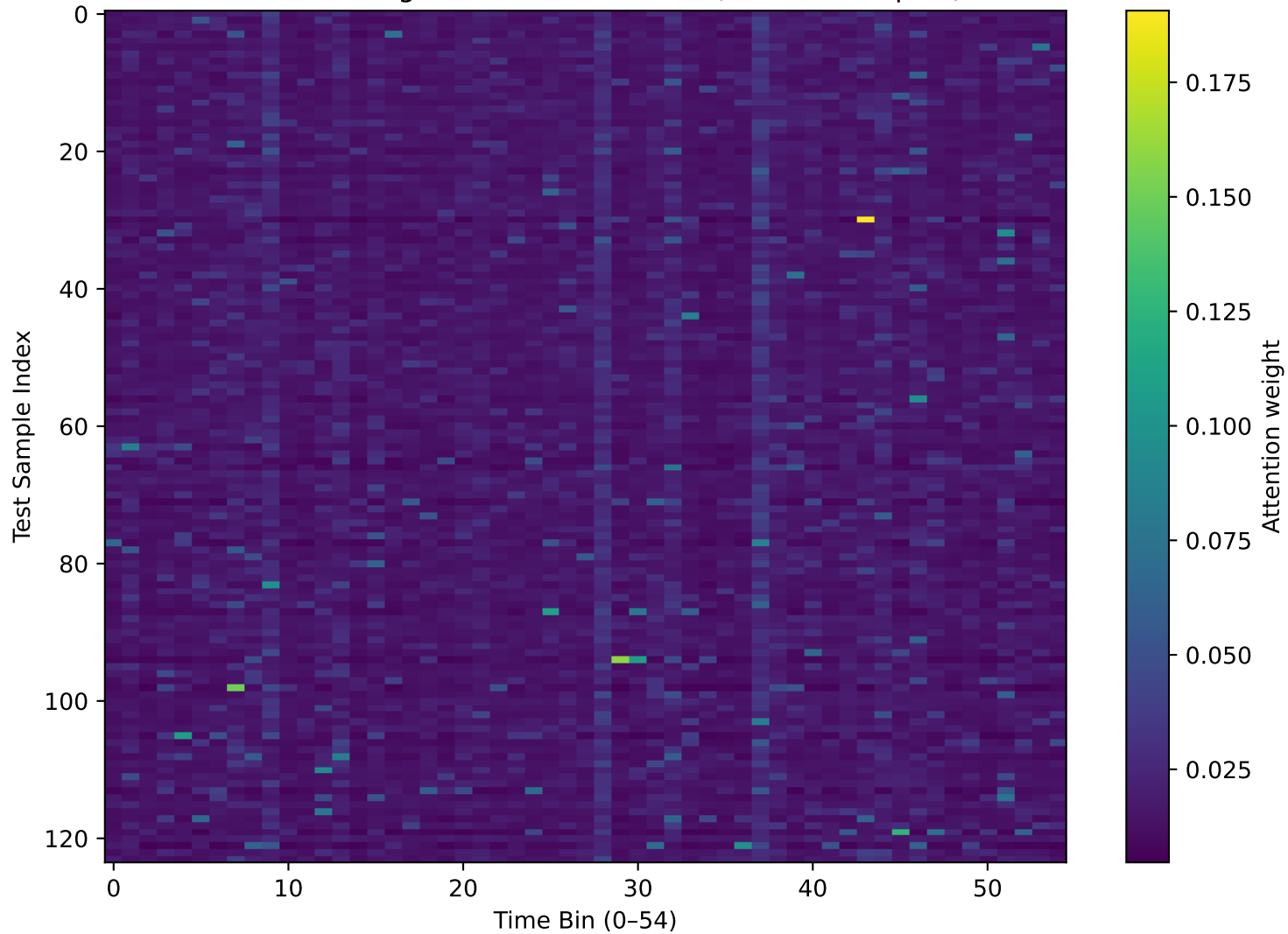


Val: Epoch 994  
MSE: 0.5395, R2: 0.3648

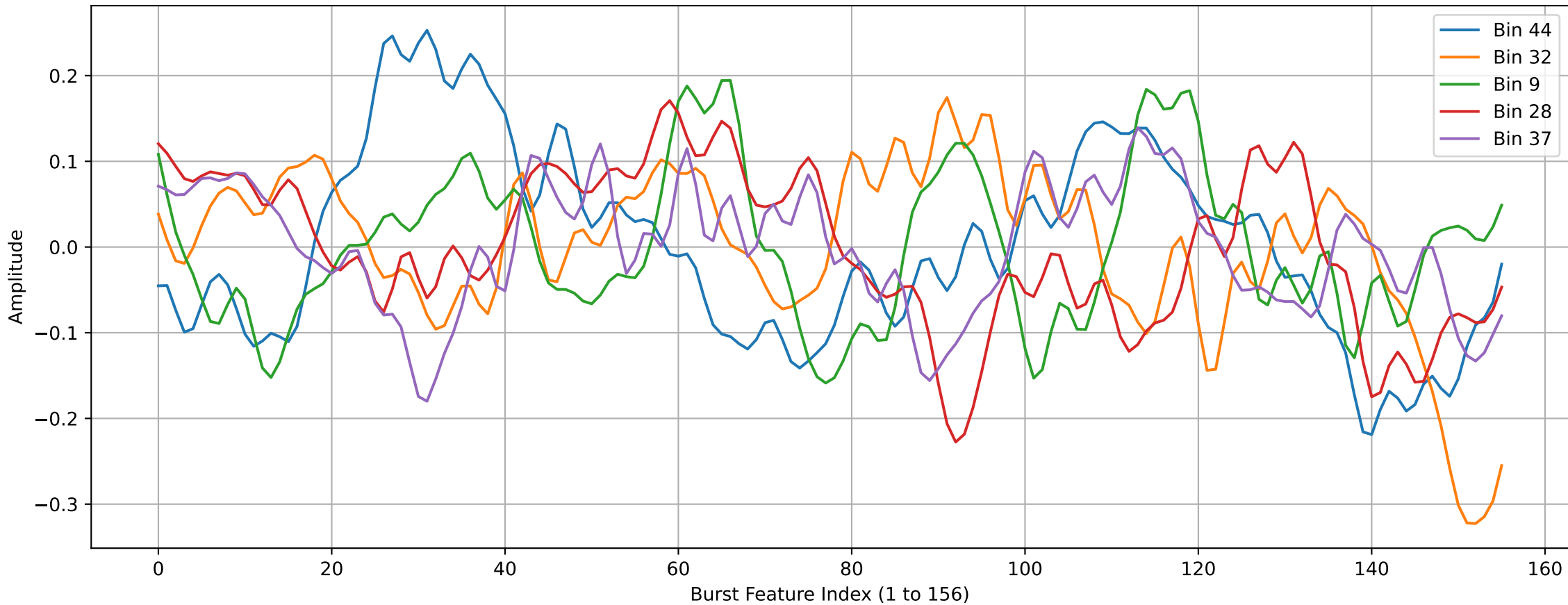




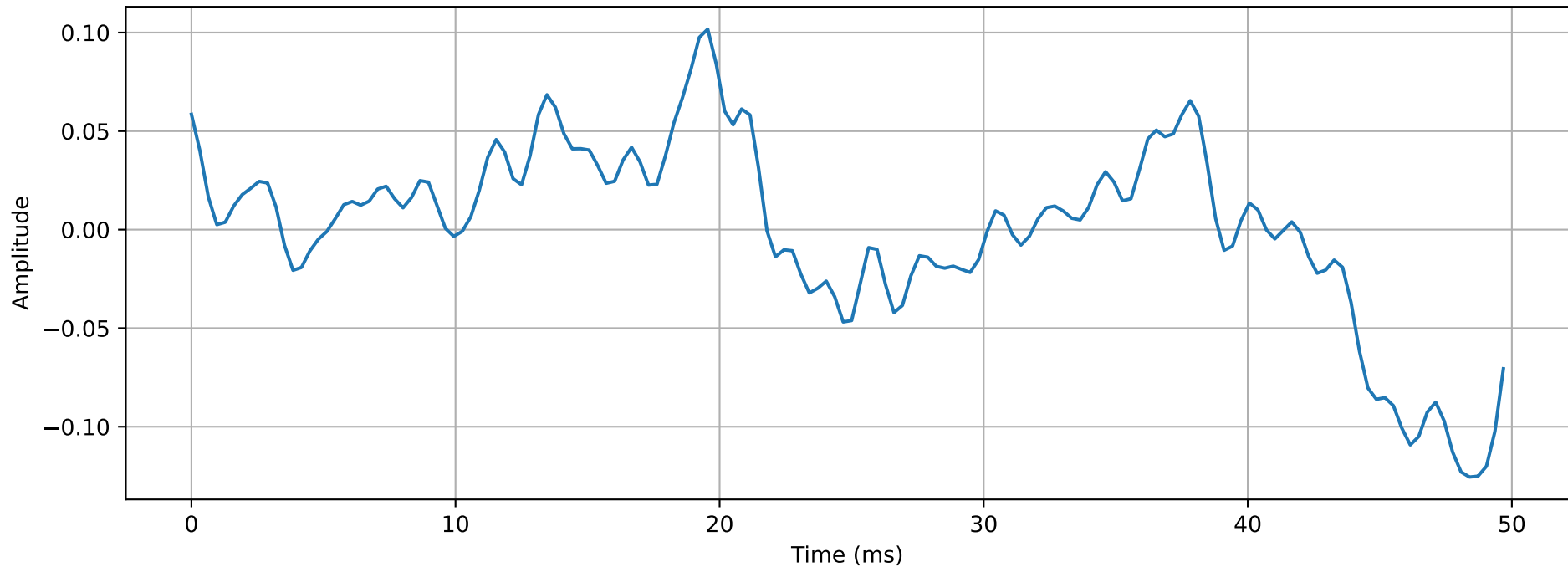
Attention Weights Across Time Bins (All Test Samples)



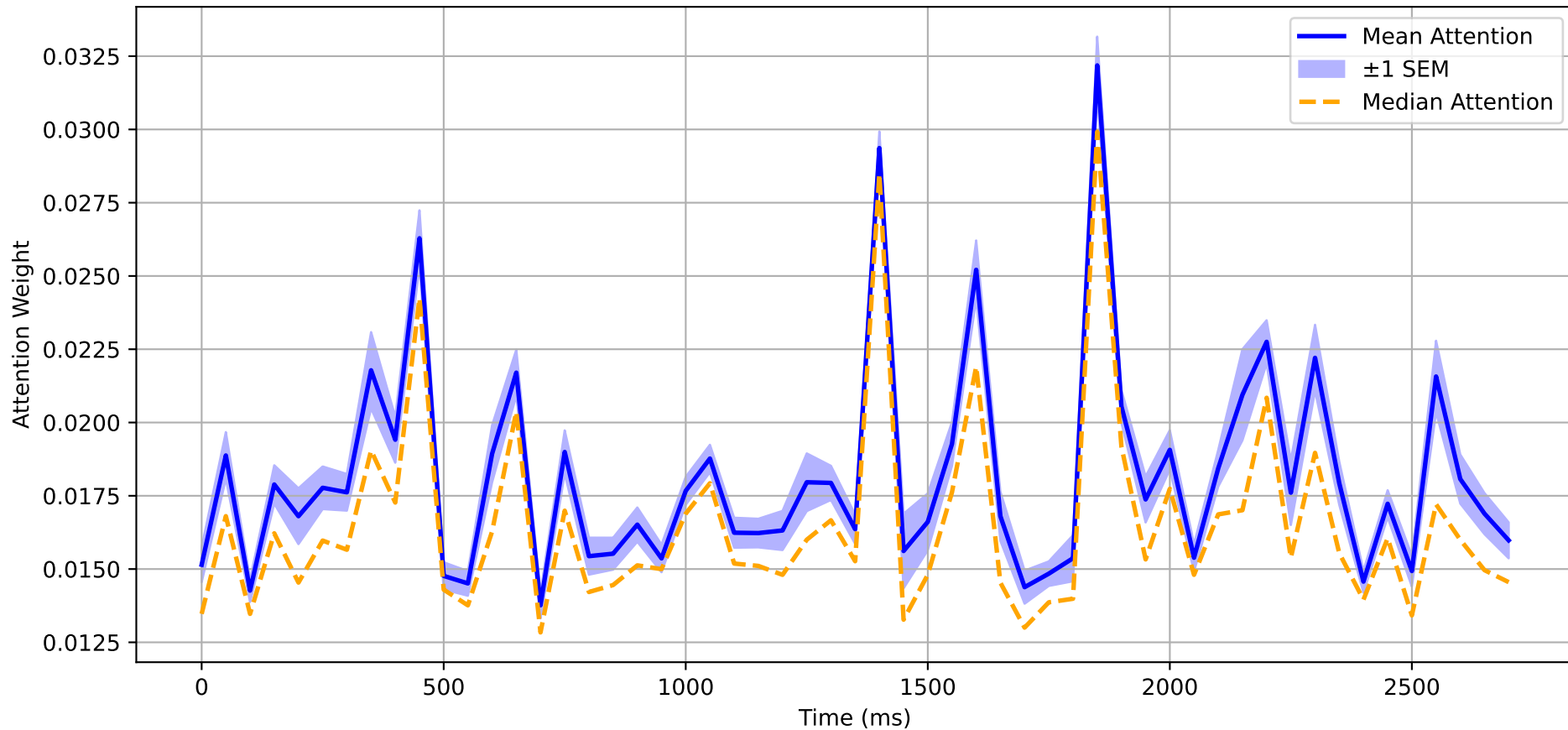
Waveform Shapes for Top Attention Bins (All Test Samples)



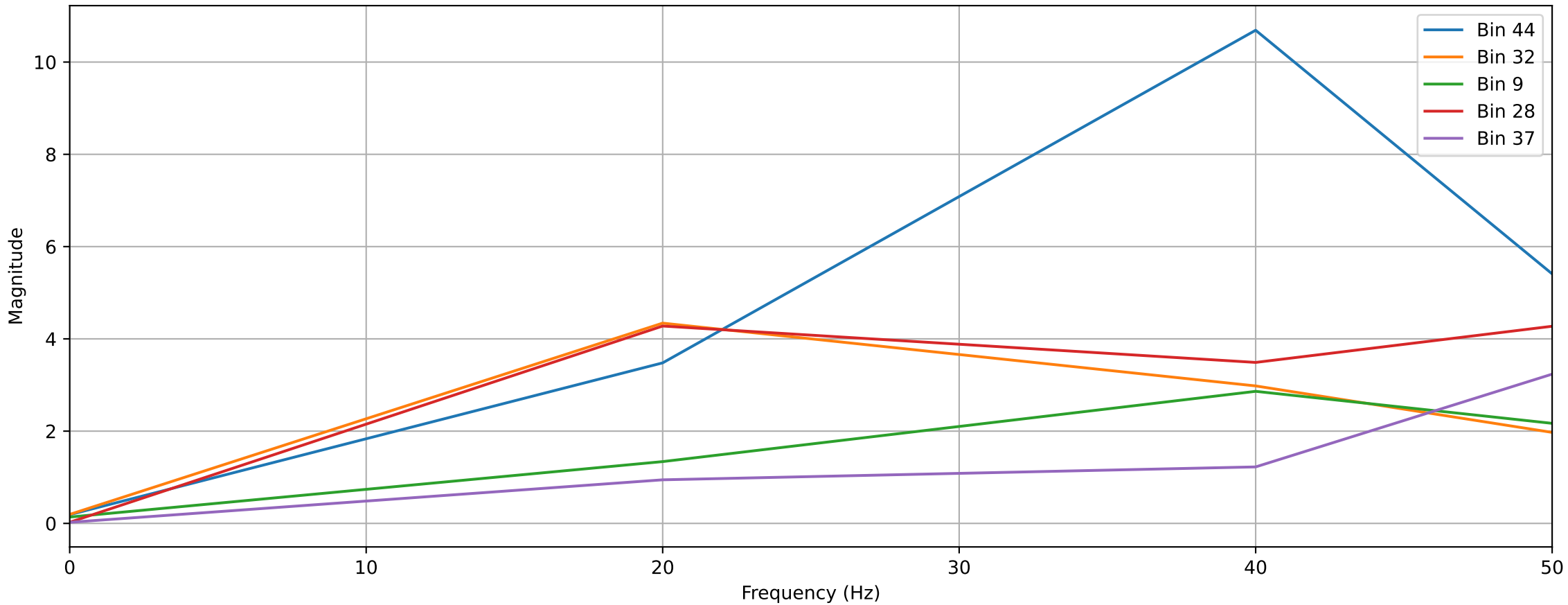
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

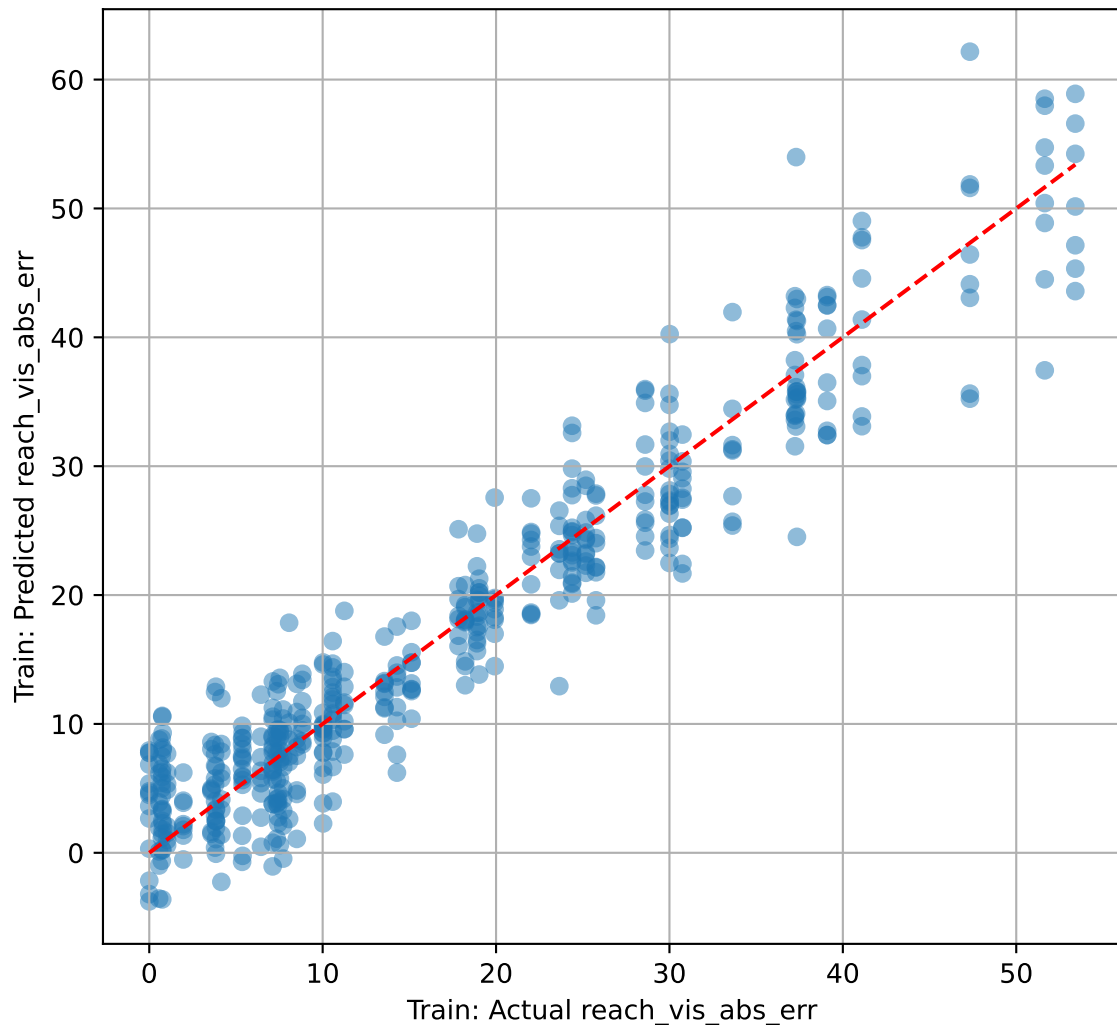


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

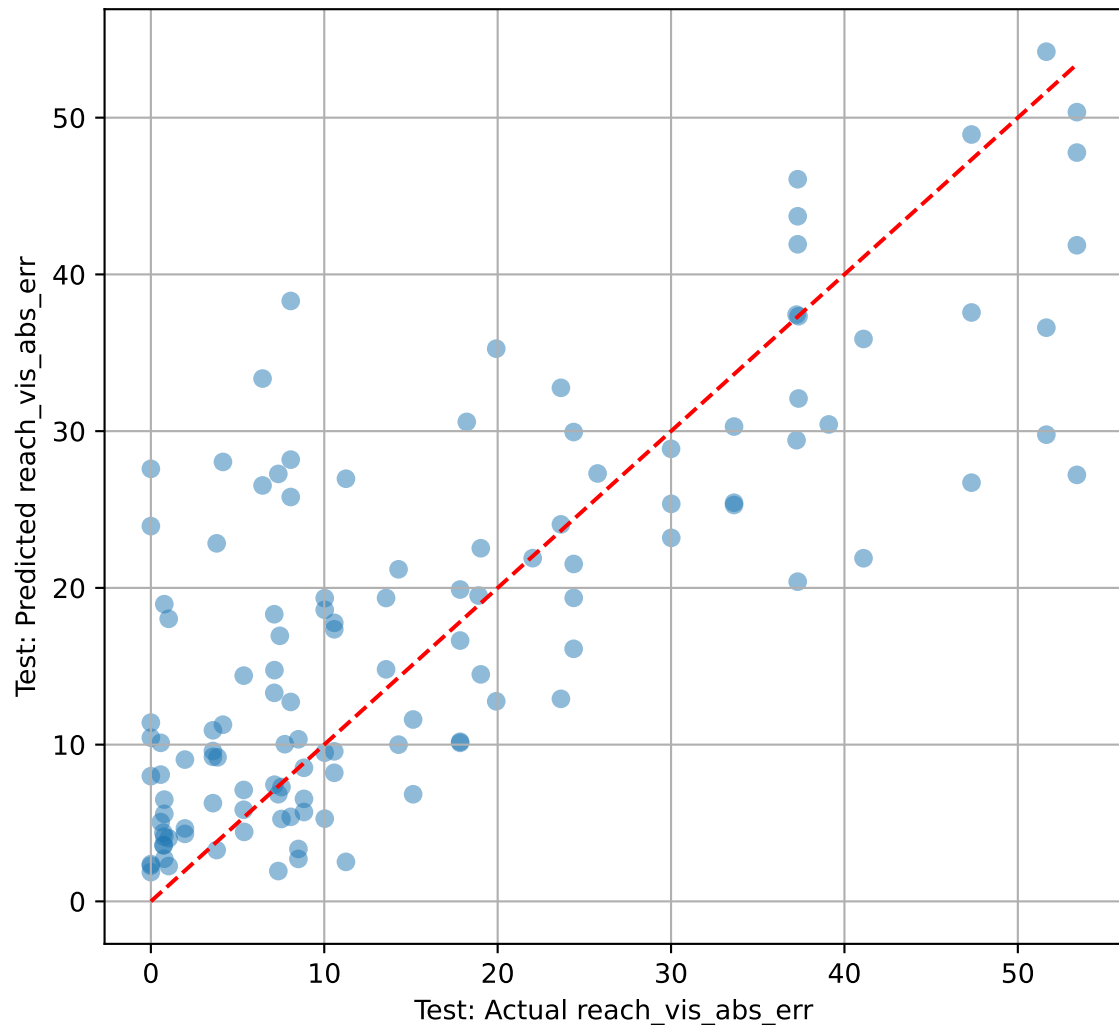


**sub-130**

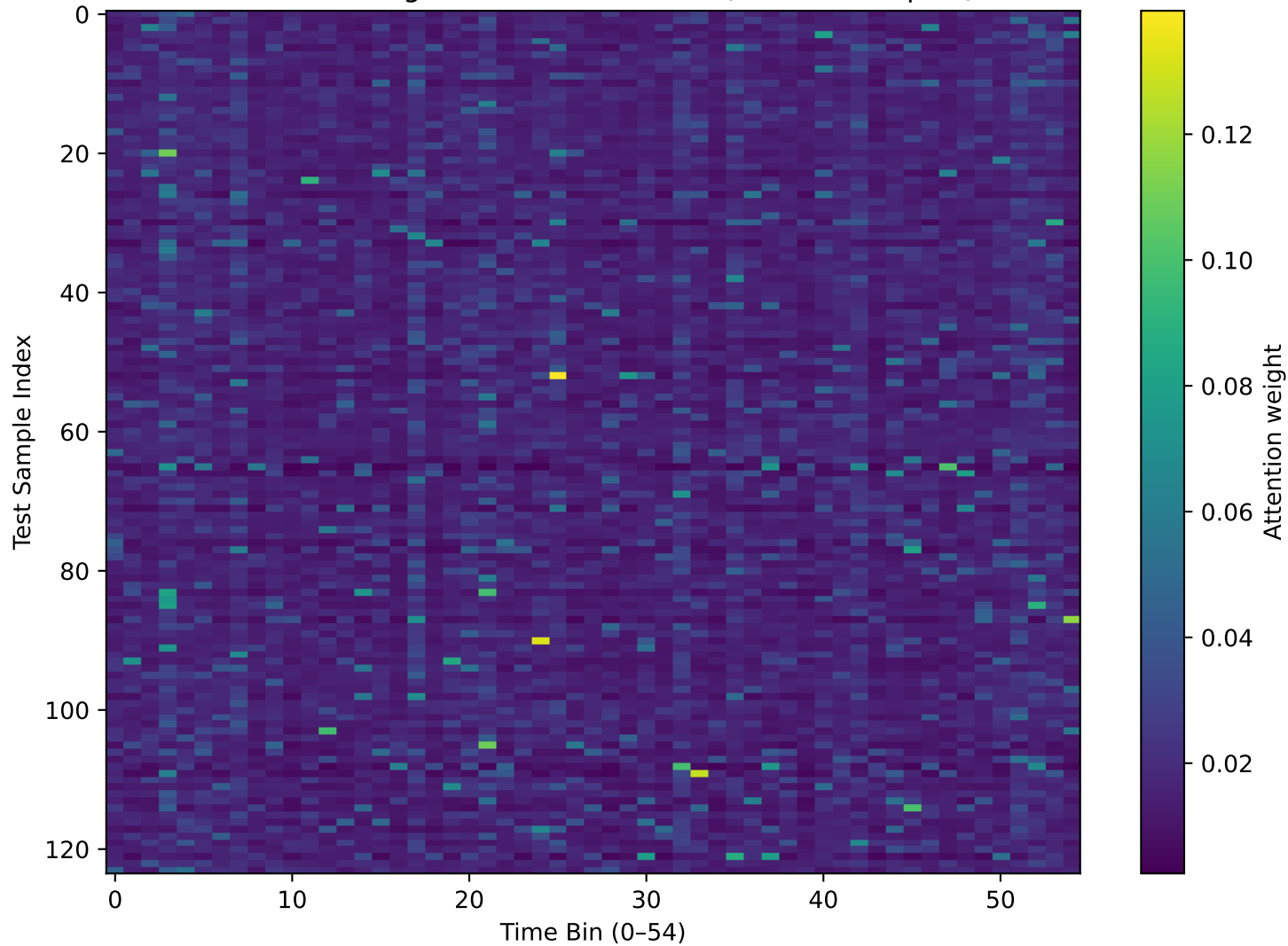
Train: Epoch 949  
MSE: 0.0849, R2: 0.9107



Val: Epoch 949  
MSE: 0.5017, R2: 0.5785

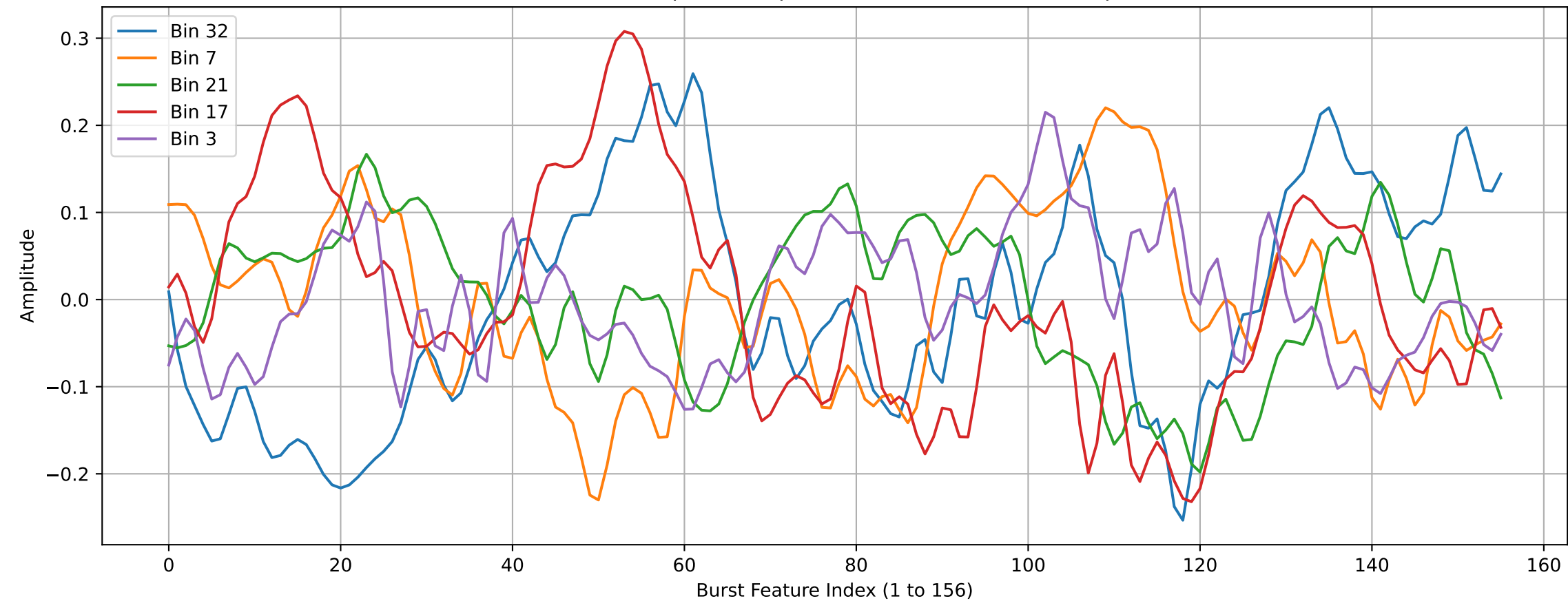


Attention Weights Across Time Bins (All Test Samples)

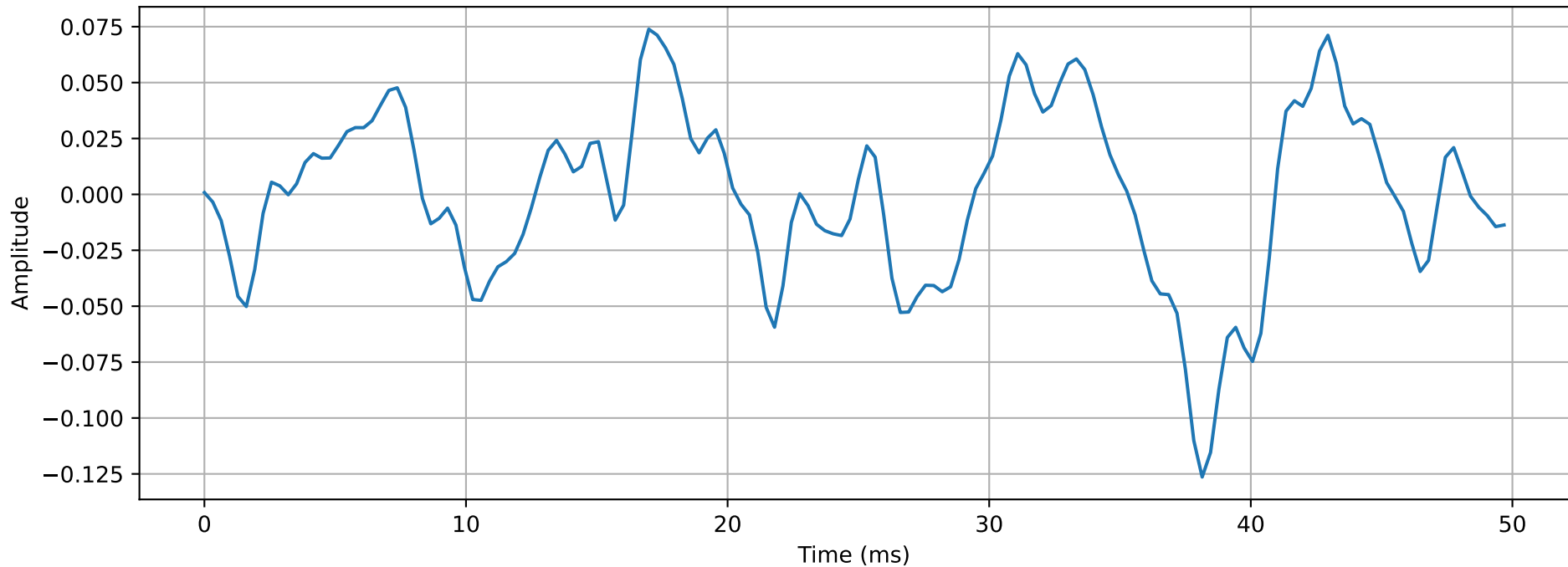




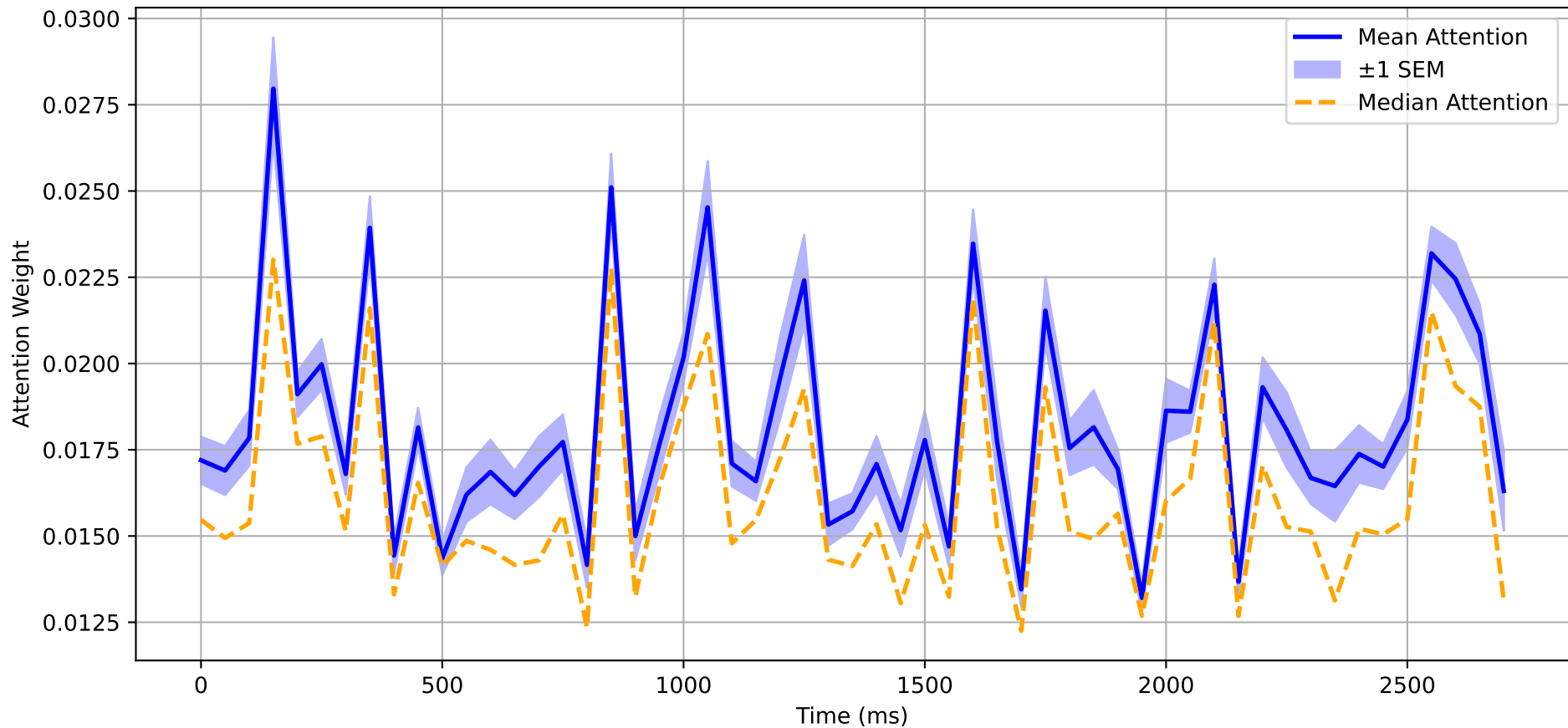
Waveform Shapes for Top Attention Bins (All Test Samples)



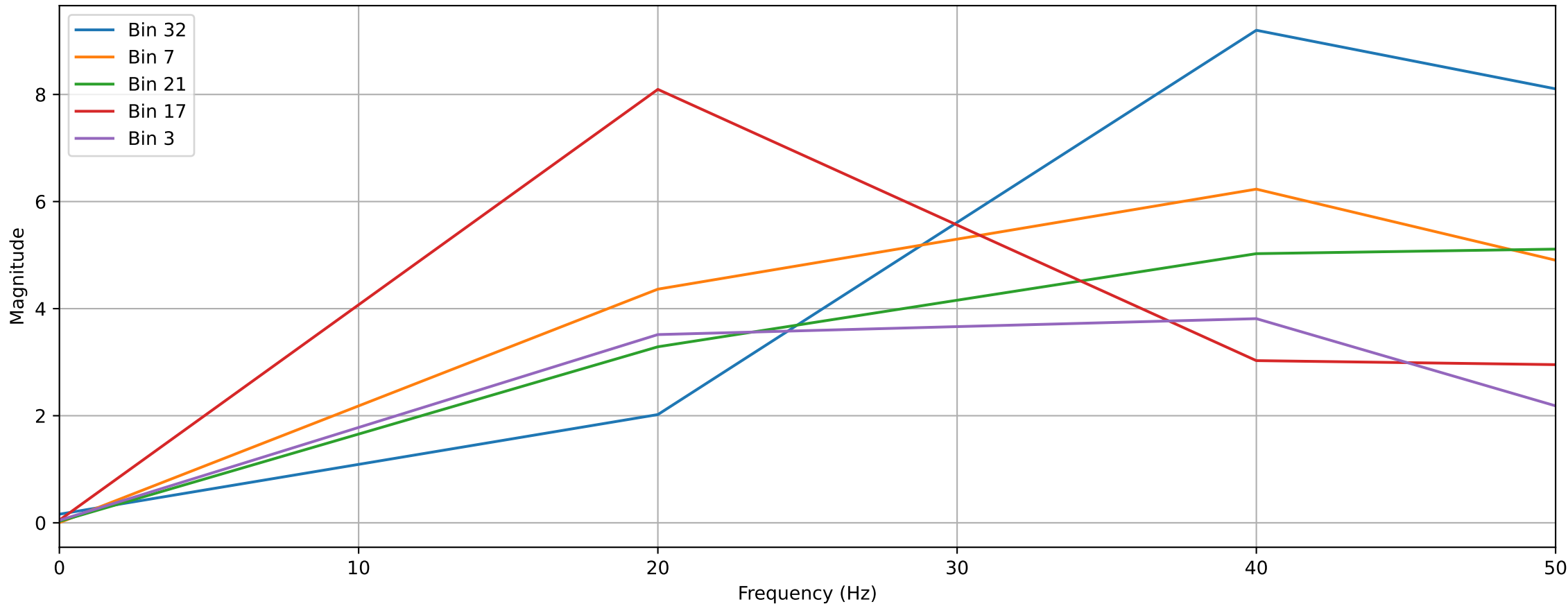
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

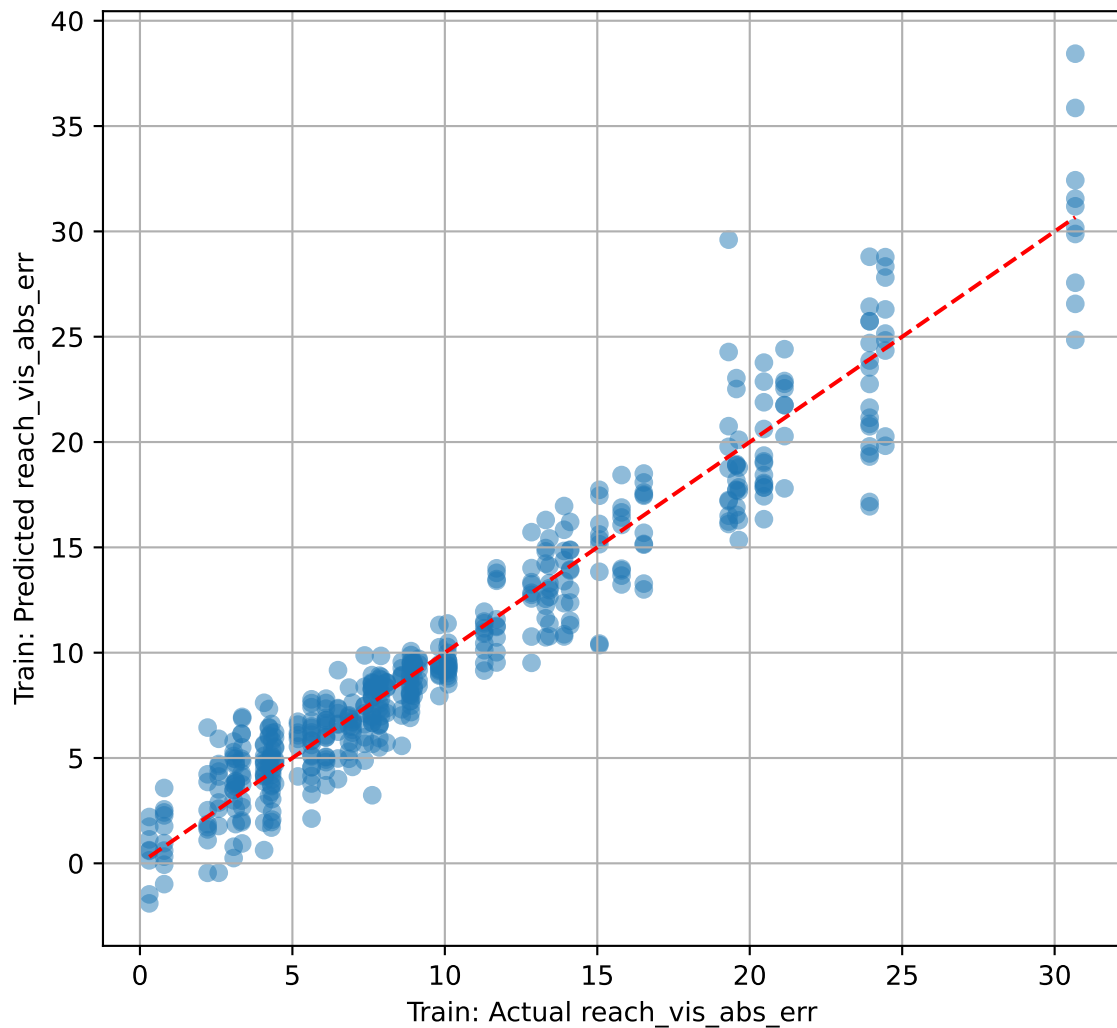


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

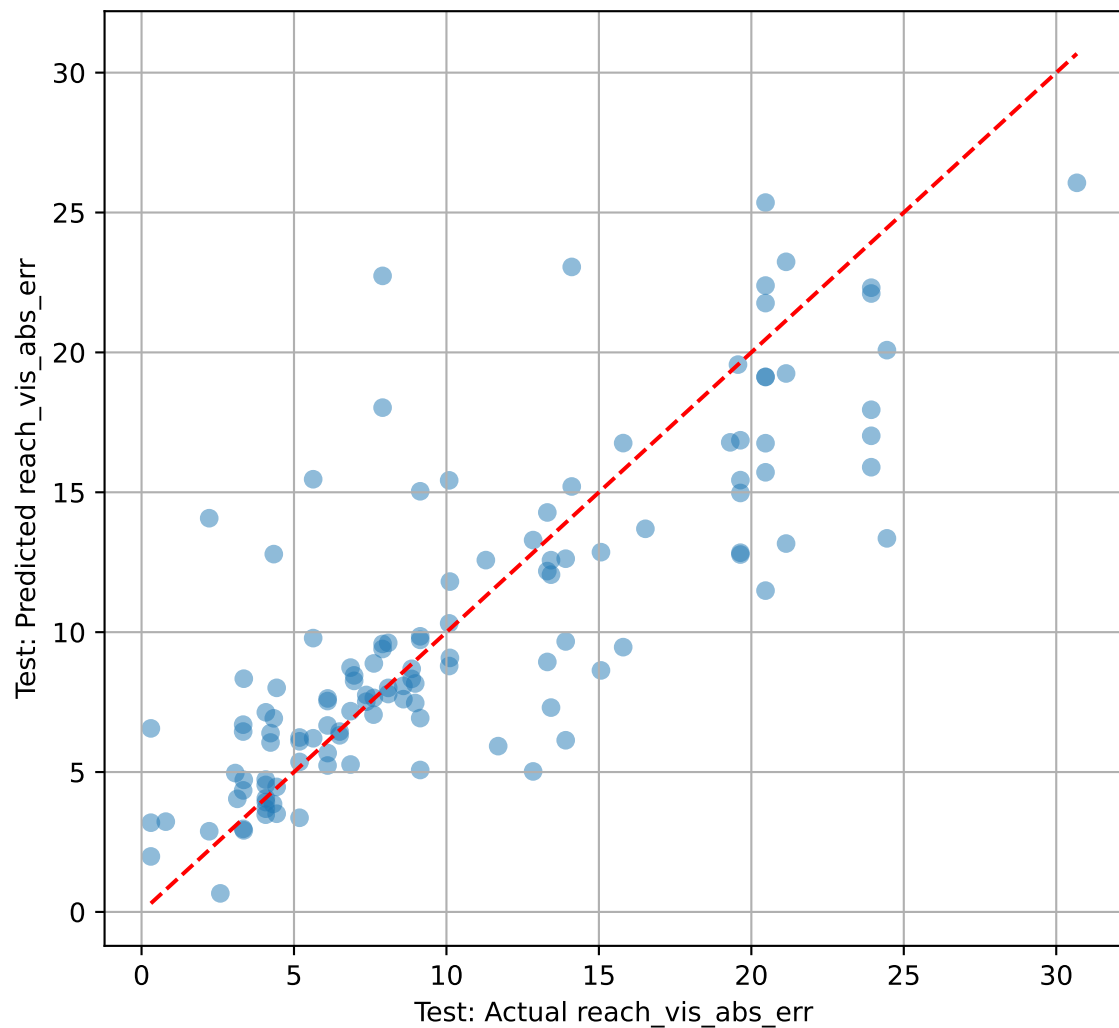


**sub-131**

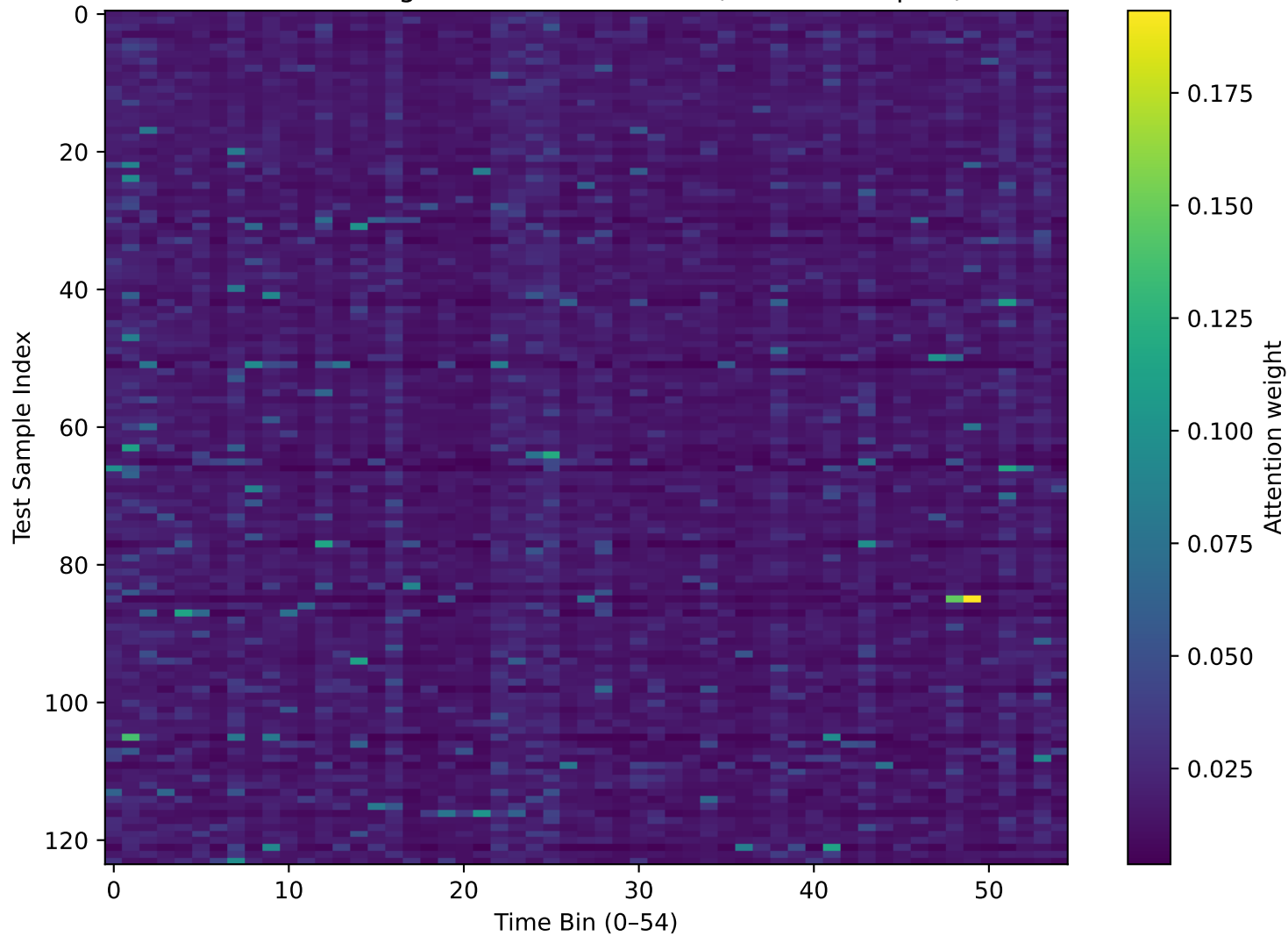
Train: Epoch 986  
MSE: 0.0732, R2: 0.9269



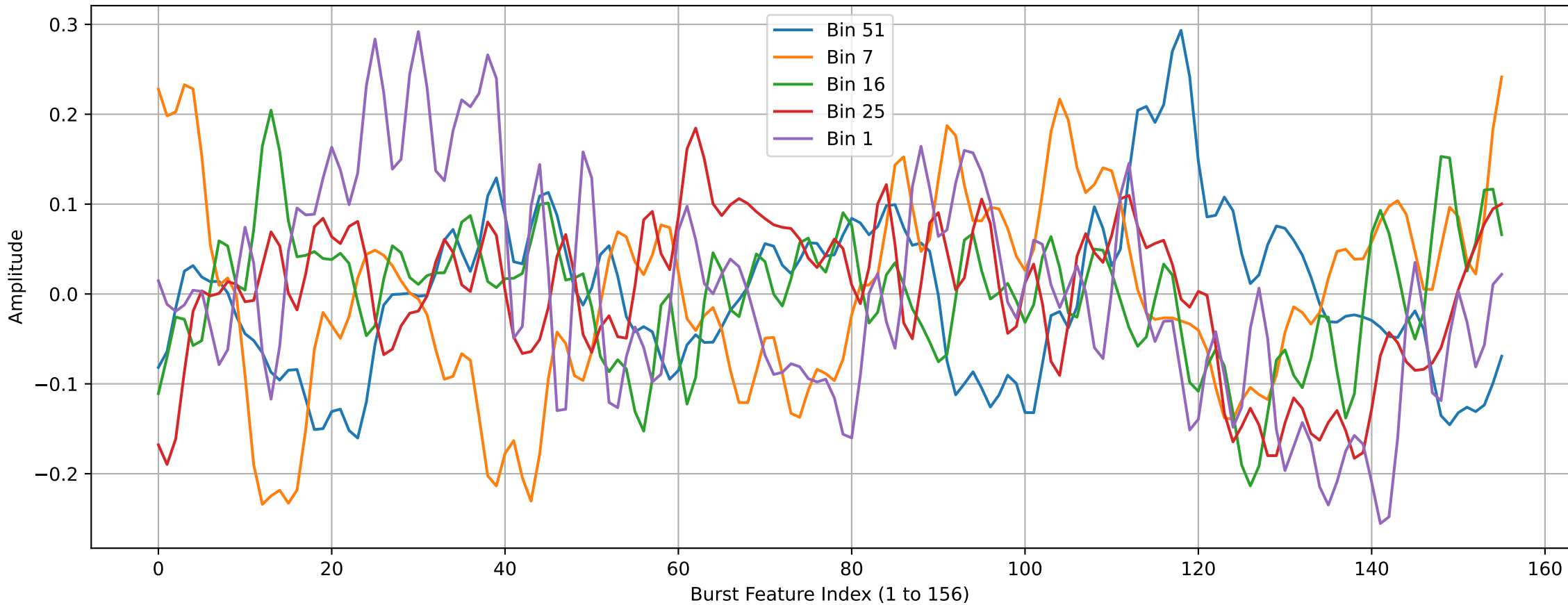
Val: Epoch 986  
MSE: 0.3468, R2: 0.6520



Attention Weights Across Time Bins (All Test Samples)

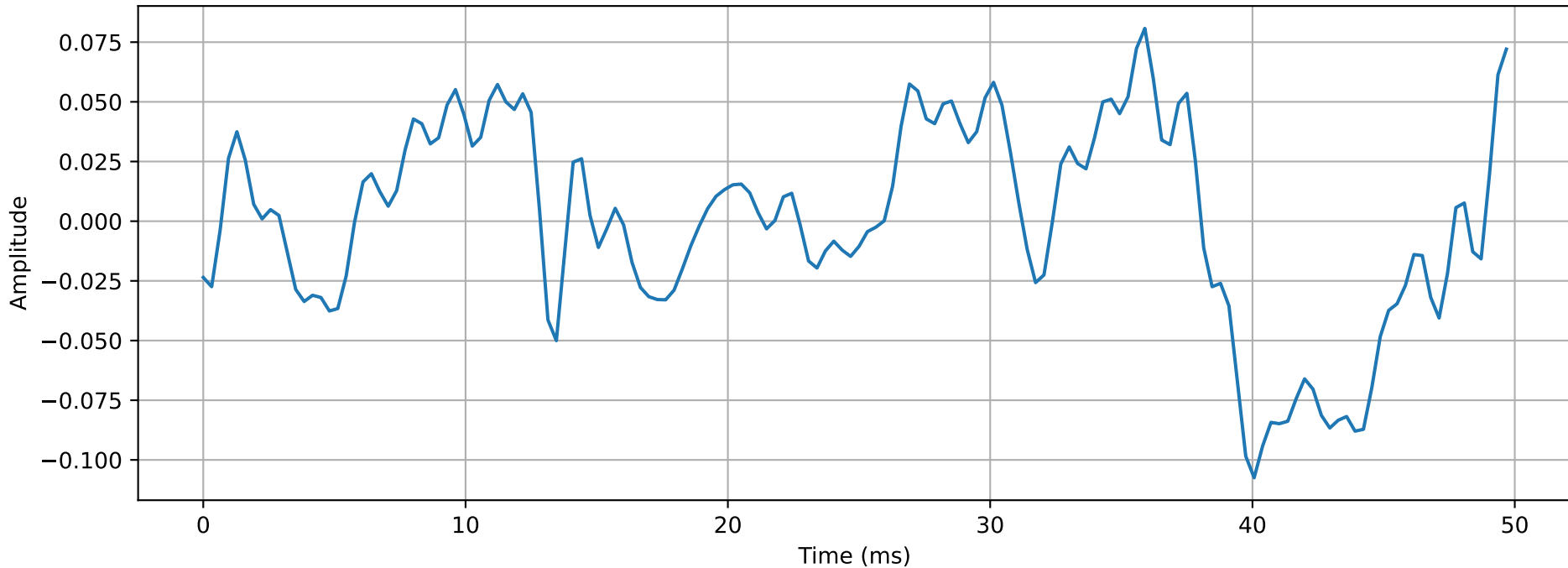


Waveform Shapes for Top Attention Bins (All Test Samples)

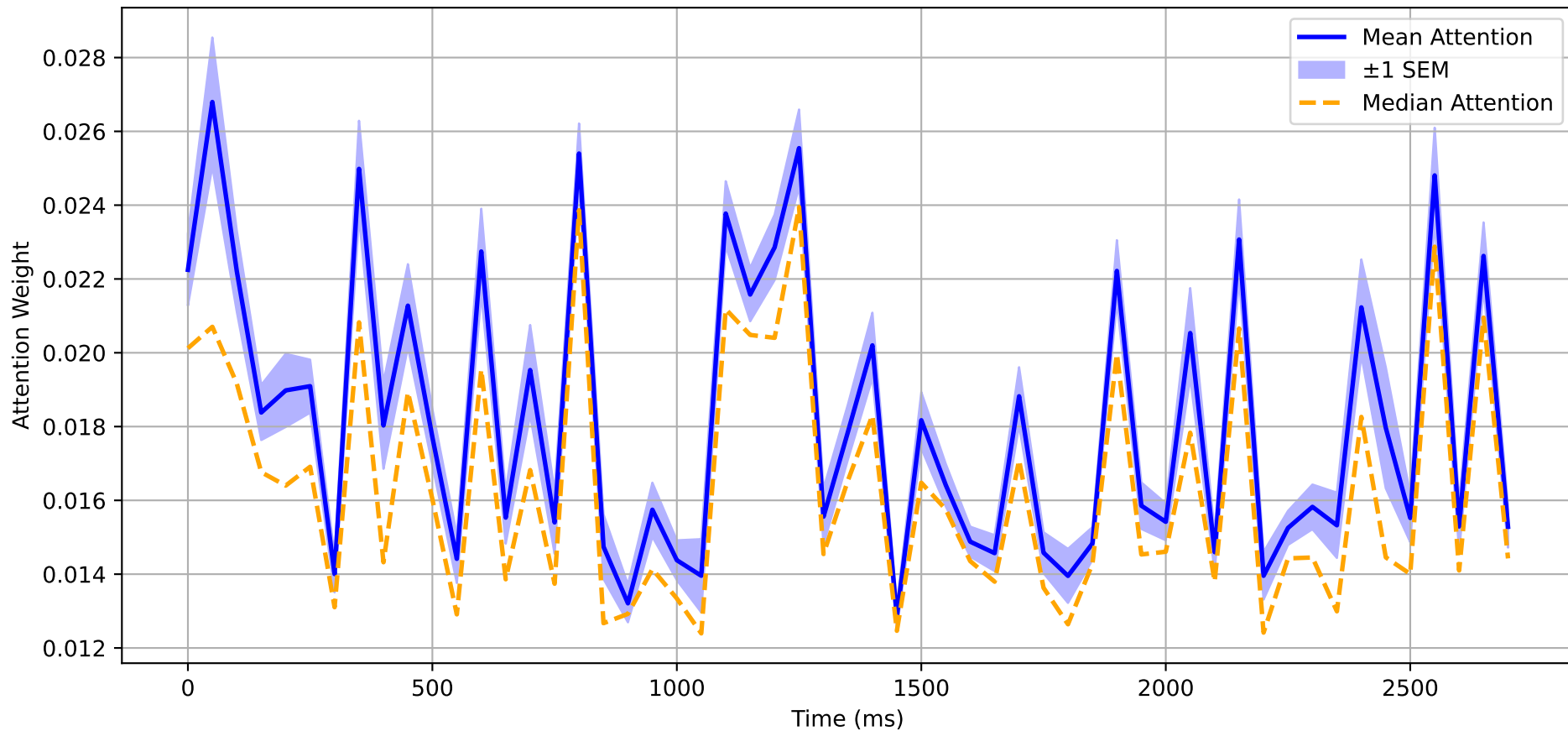




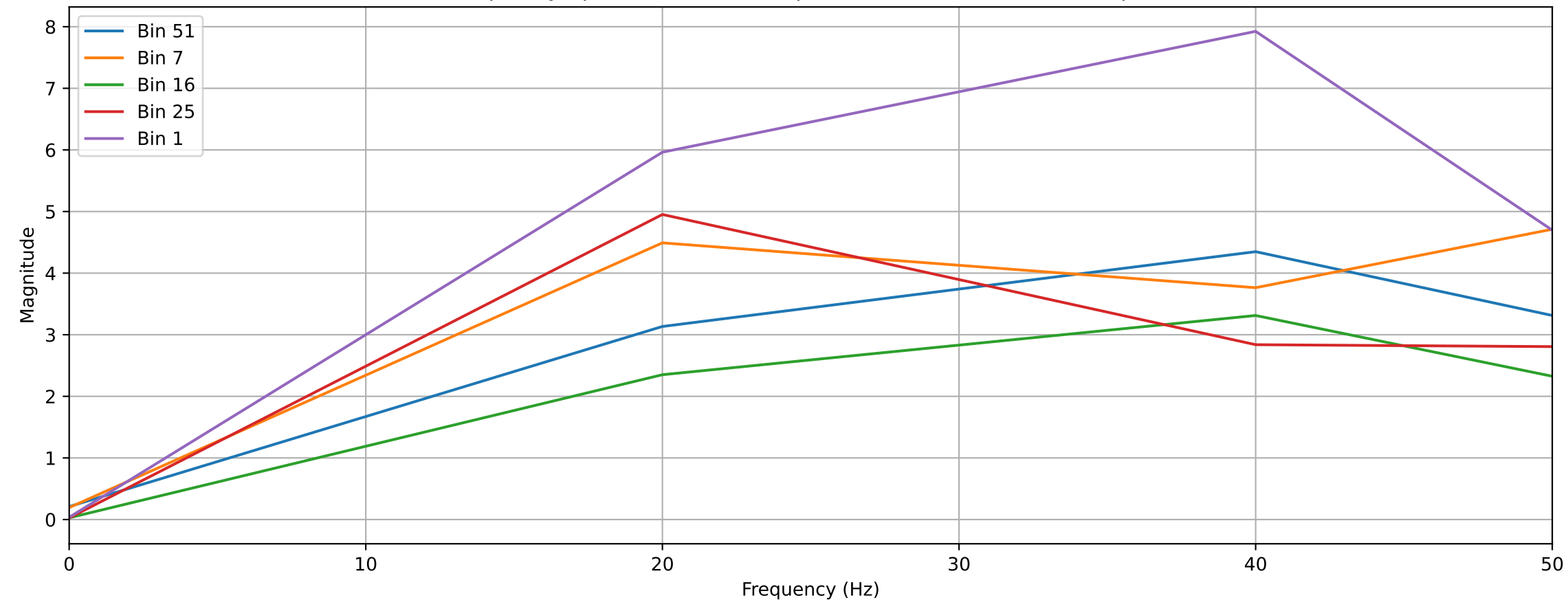
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

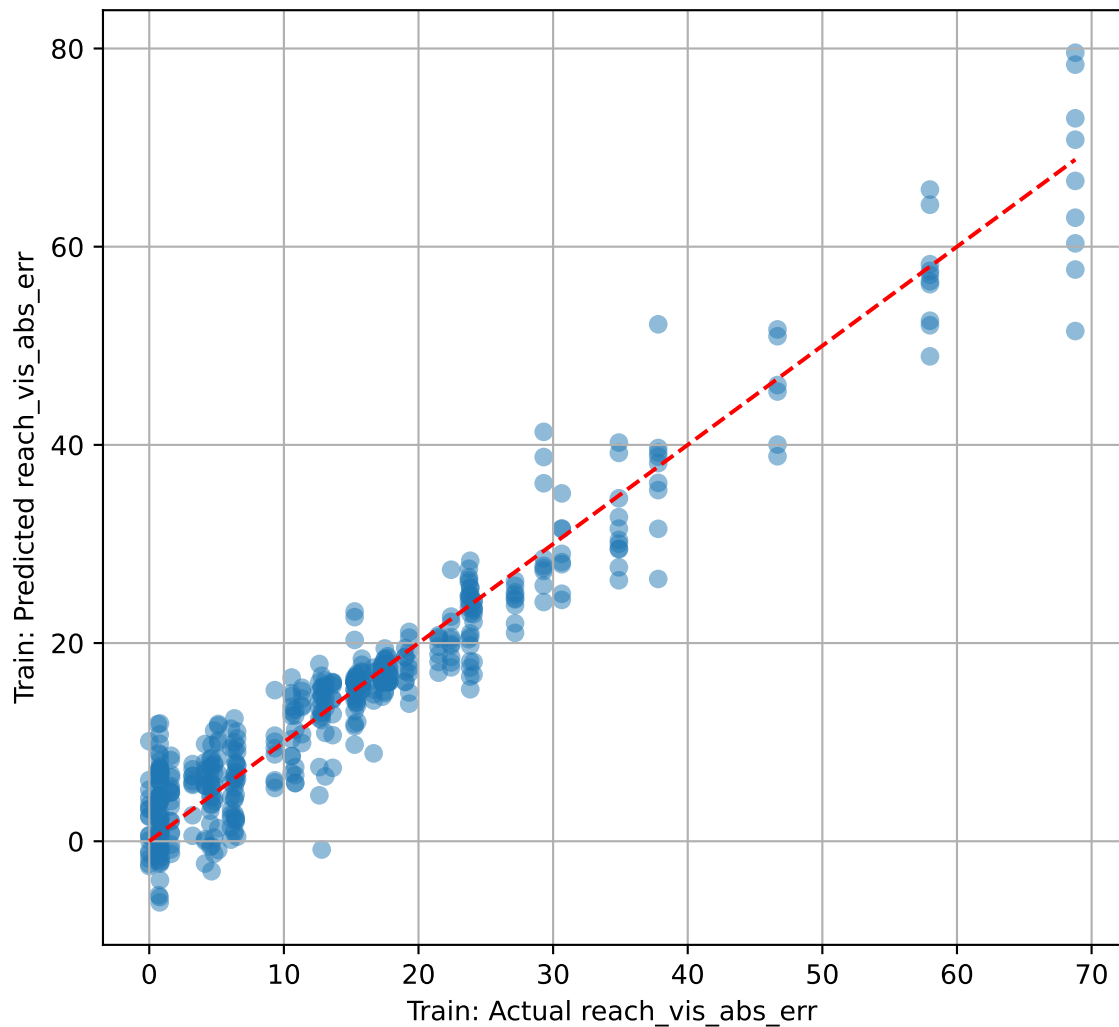


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

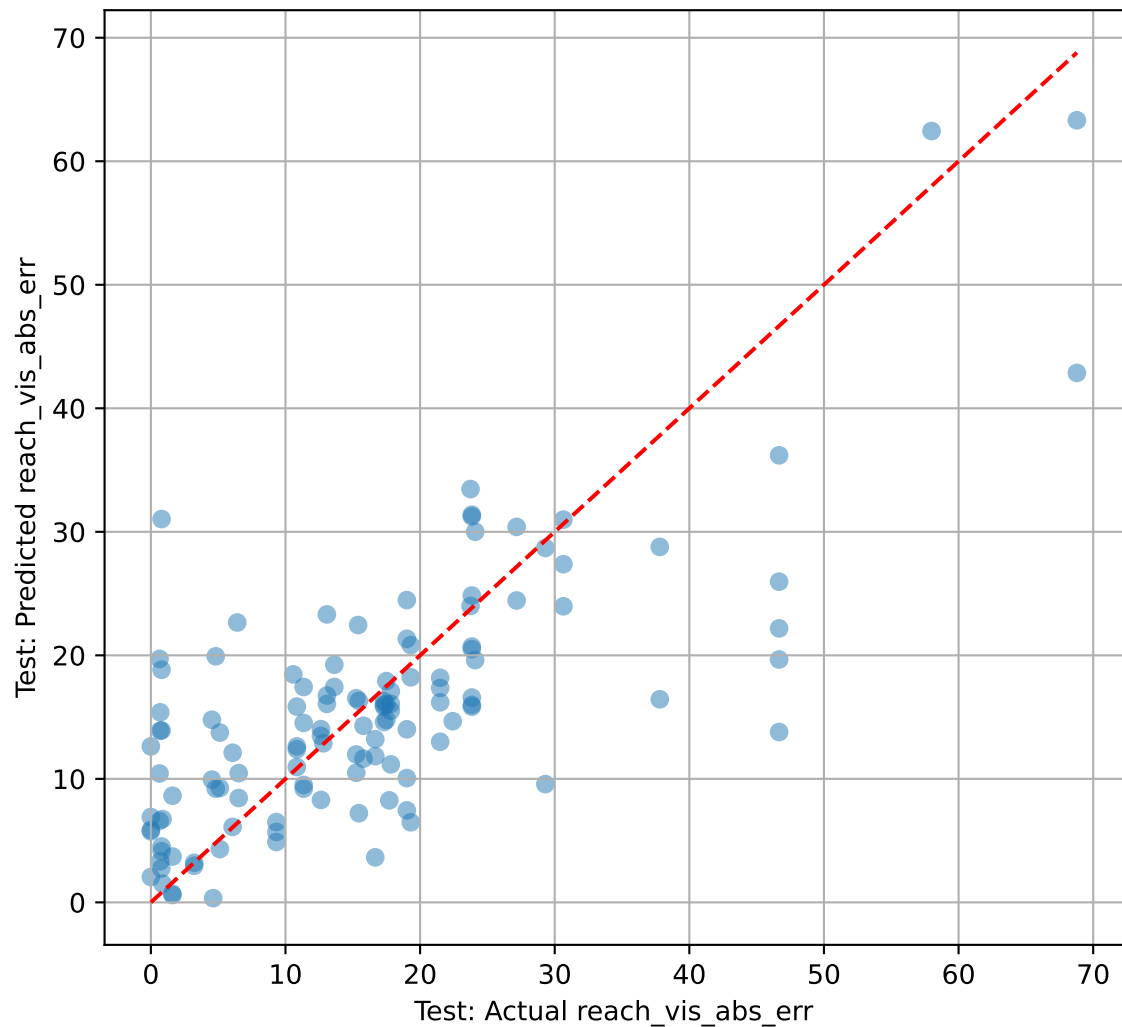


**sub-133**

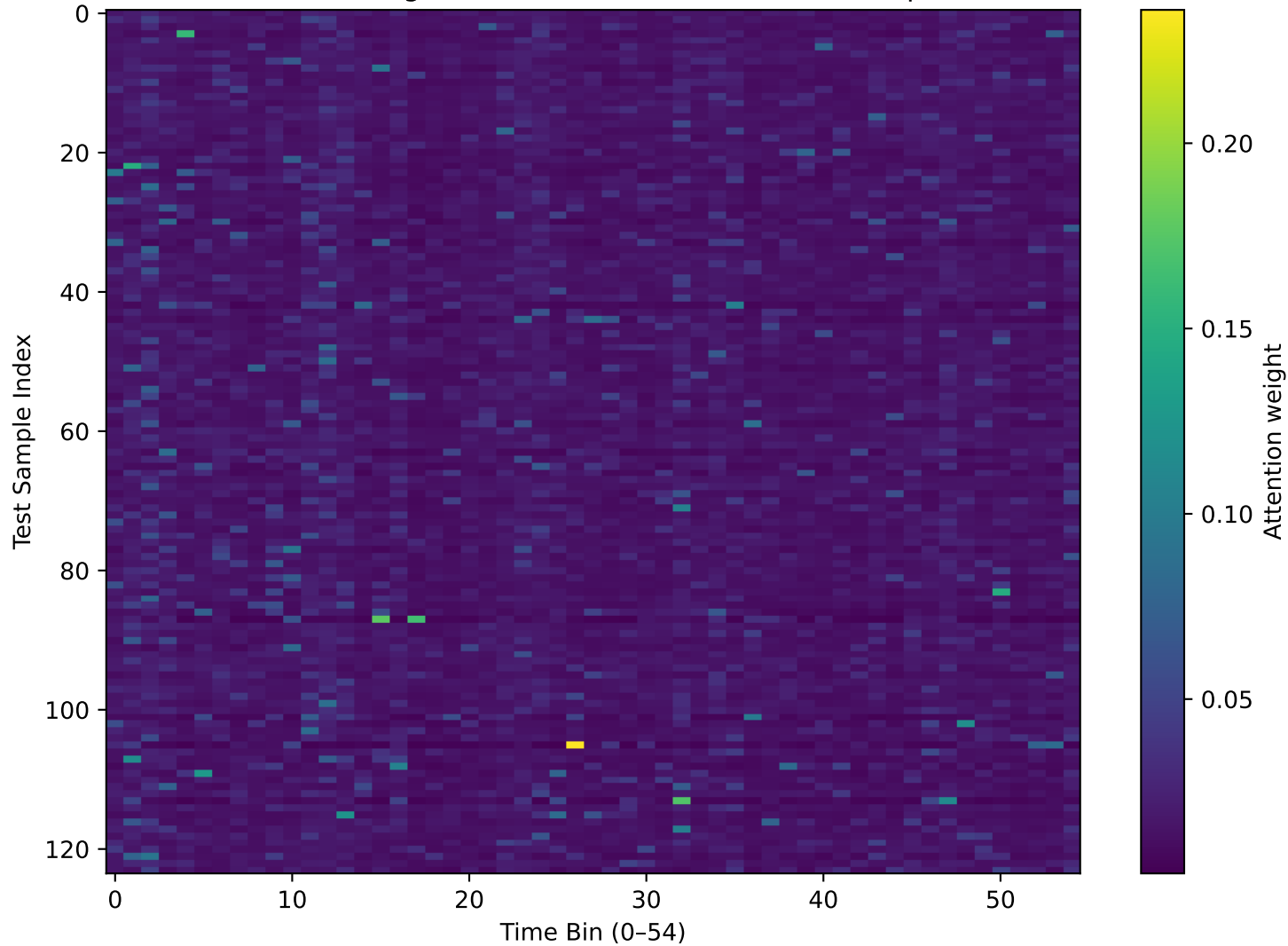
Train: Epoch 985  
MSE: 0.0766, R2: 0.9245



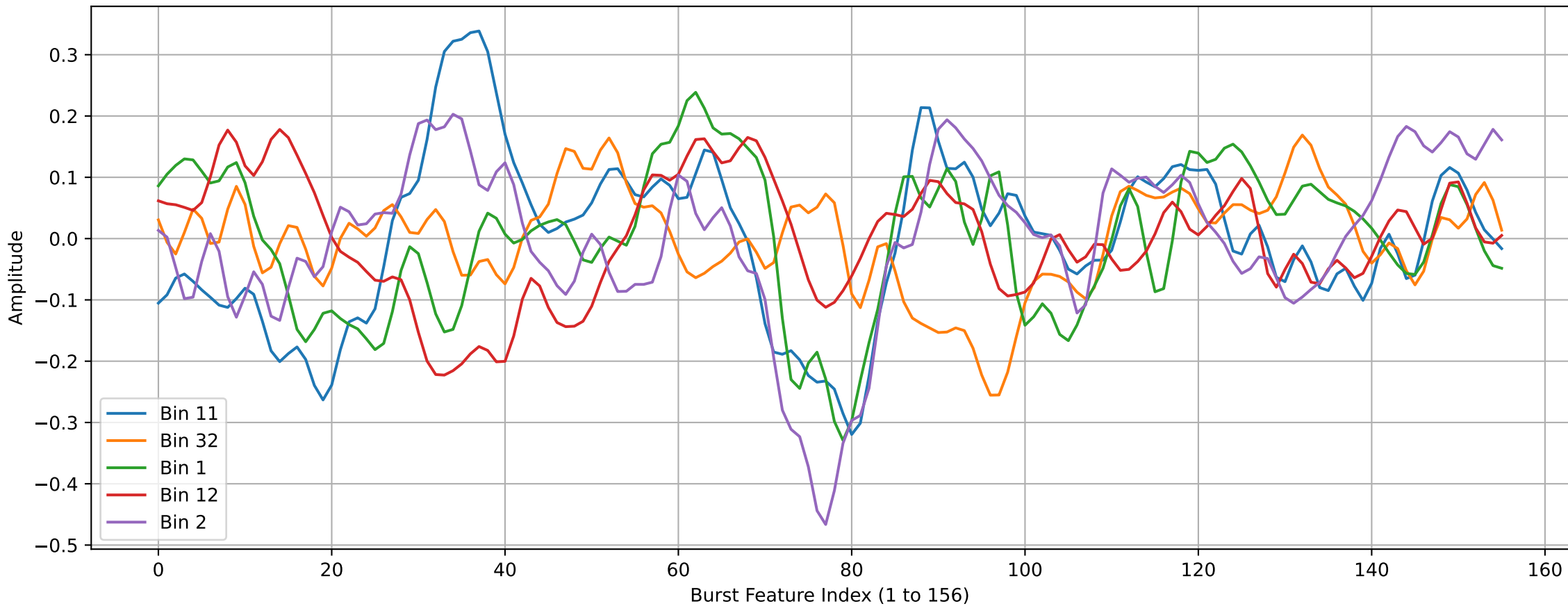
Val: Epoch 985  
MSE: 0.4173, R2: 0.5535



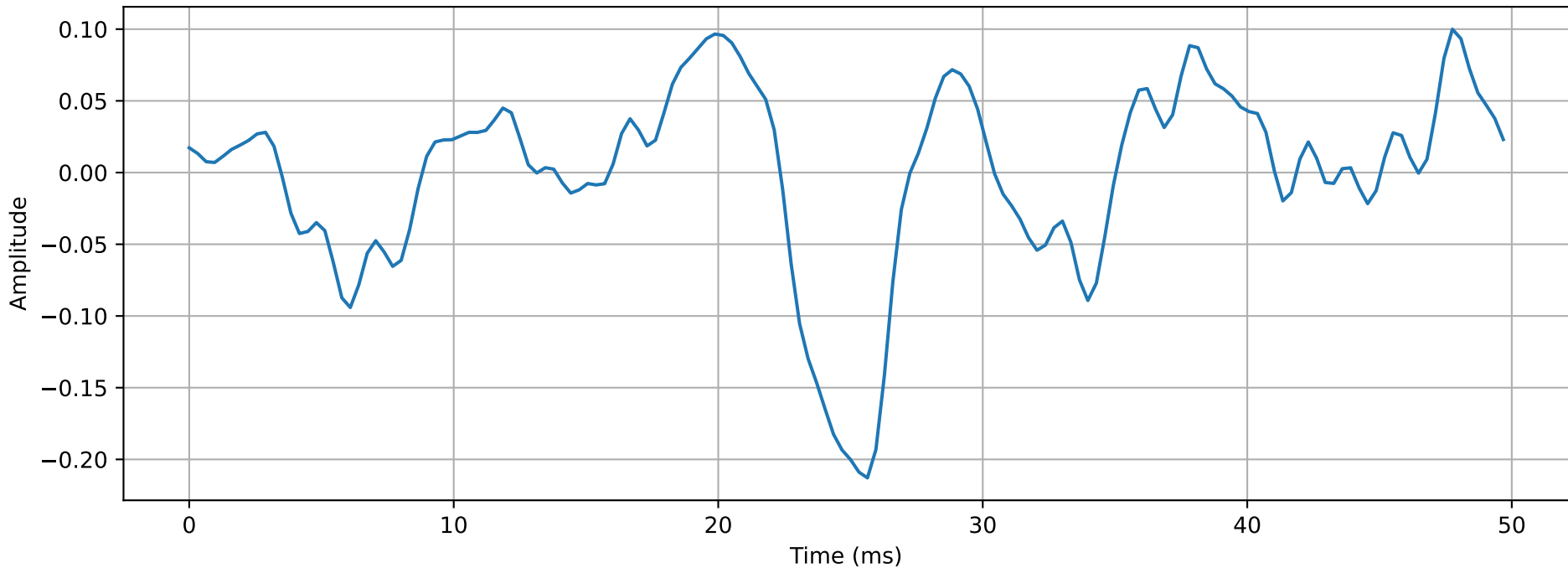
Attention Weights Across Time Bins (All Test Samples)



Waveform Shapes for Top Attention Bins (All Test Samples)

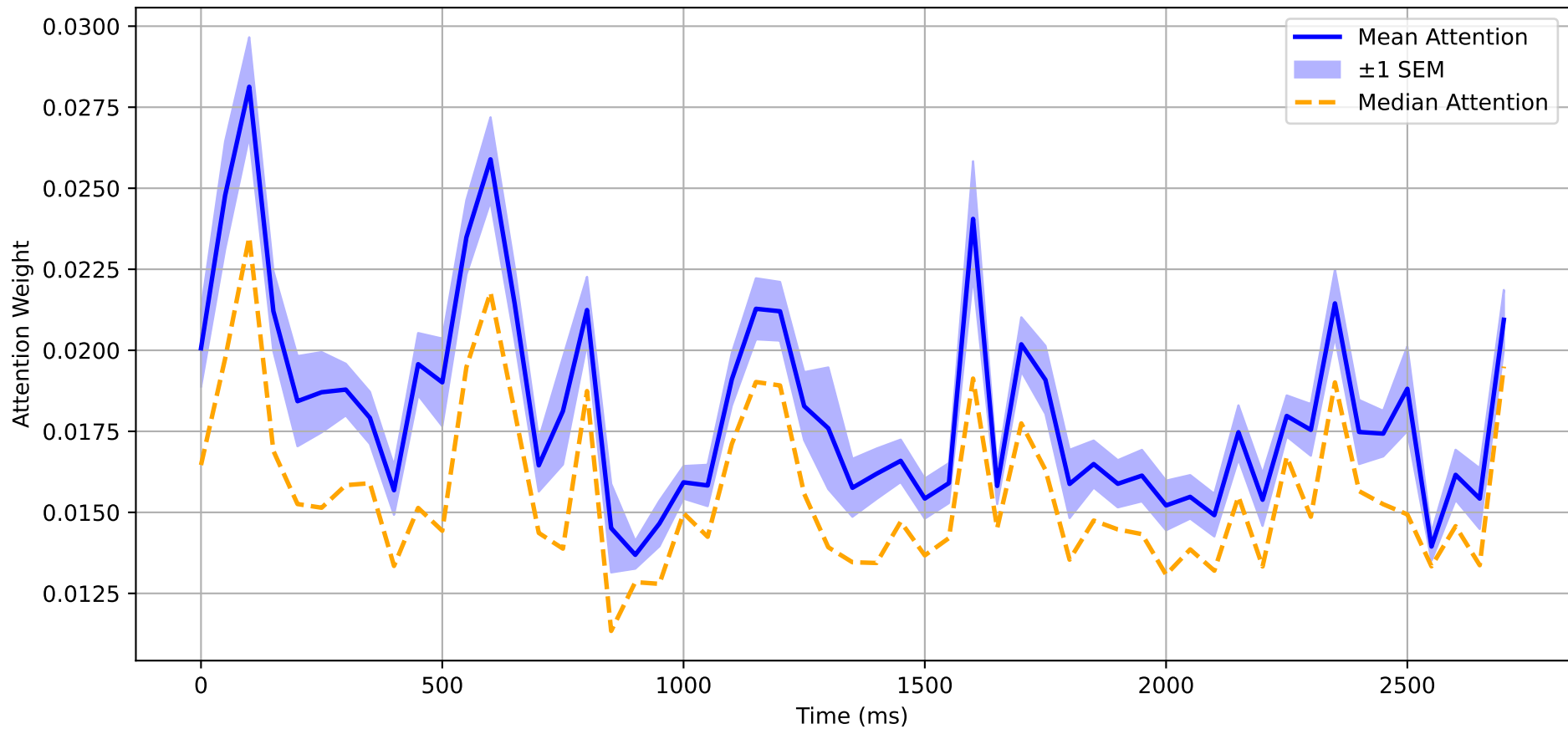


Average Burst Waveform from Top Attention Bins (All Test Samples)

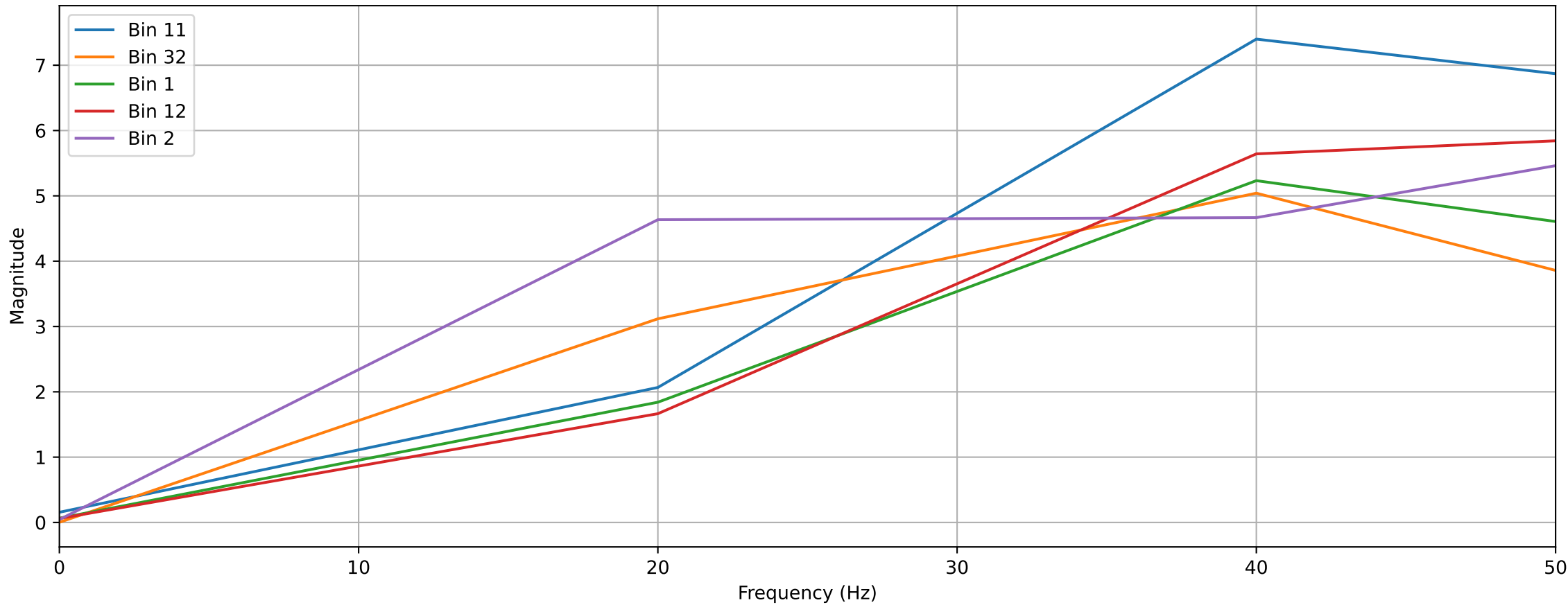




Mean & Median Attention Weights  $\pm$  SEM (This Subject)

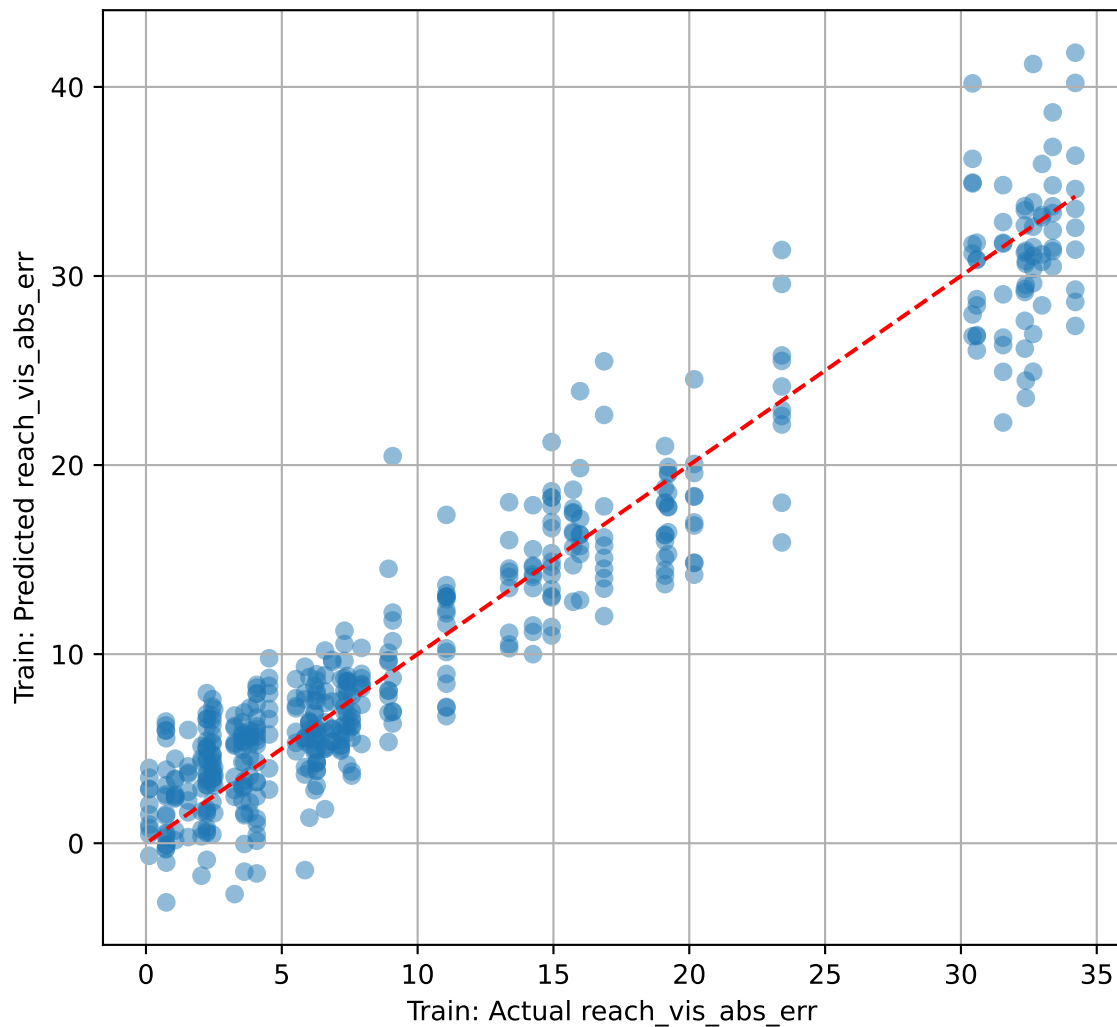


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

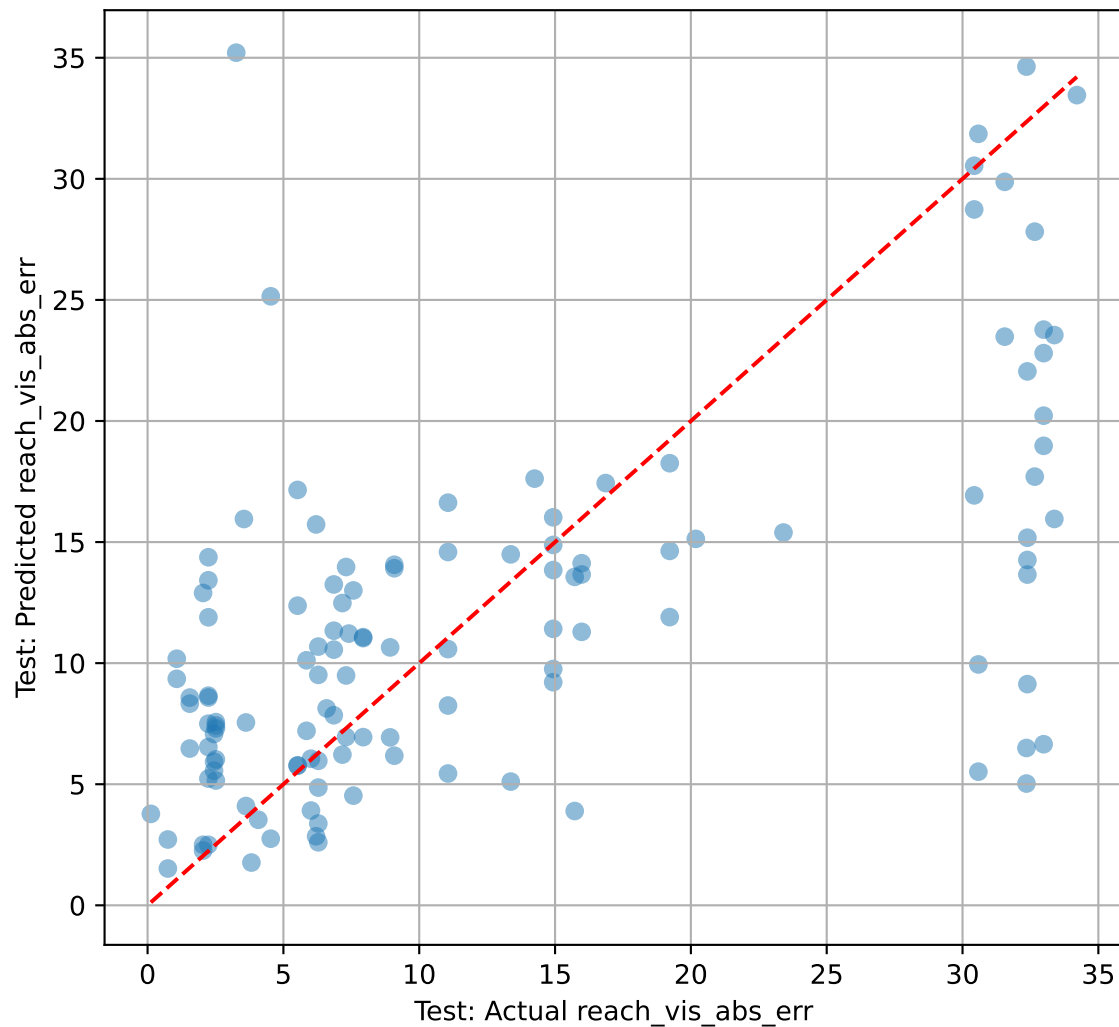


**sub-134**

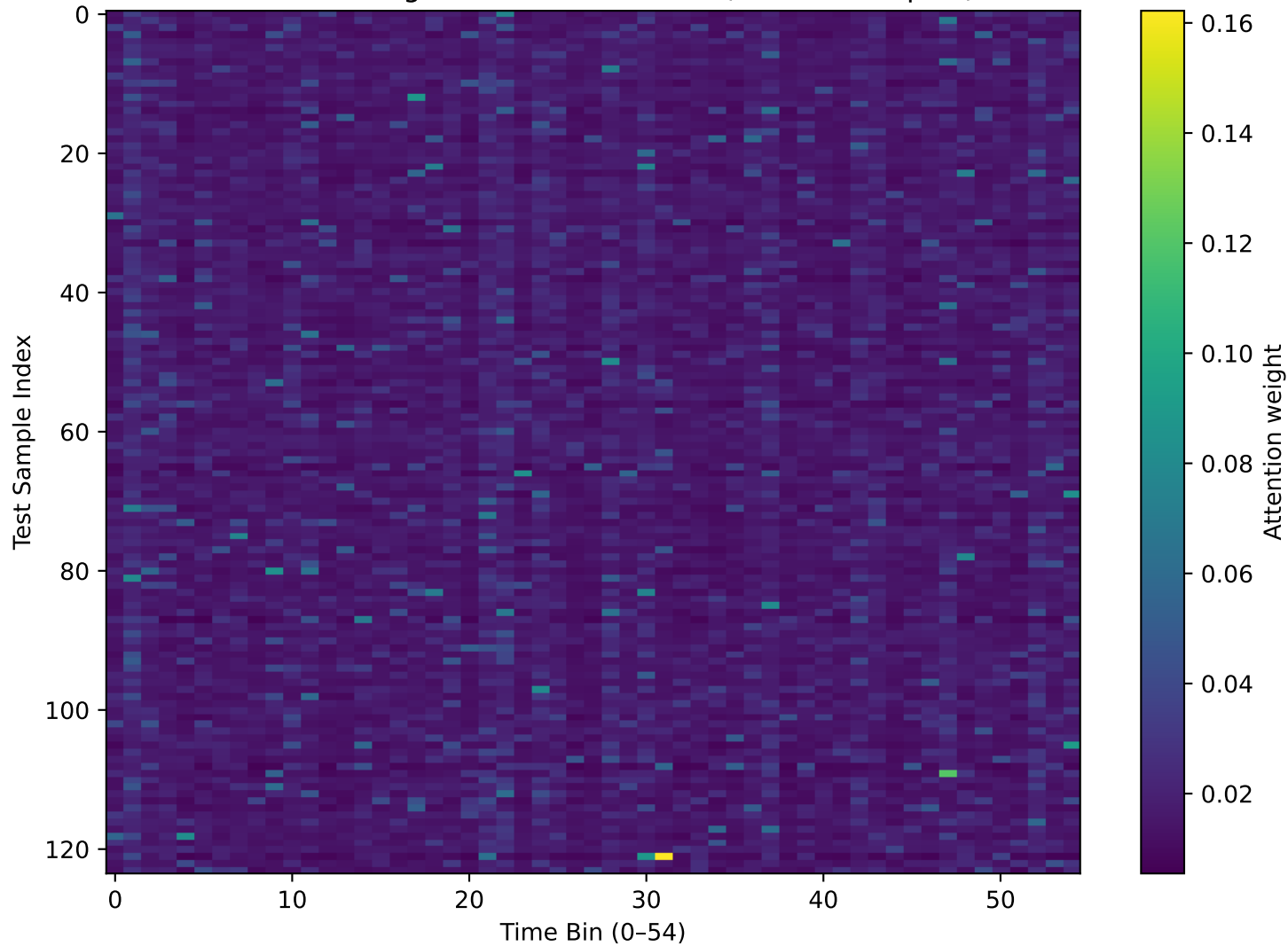
Train: Epoch 890  
MSE: 0.0758, R2: 0.9216



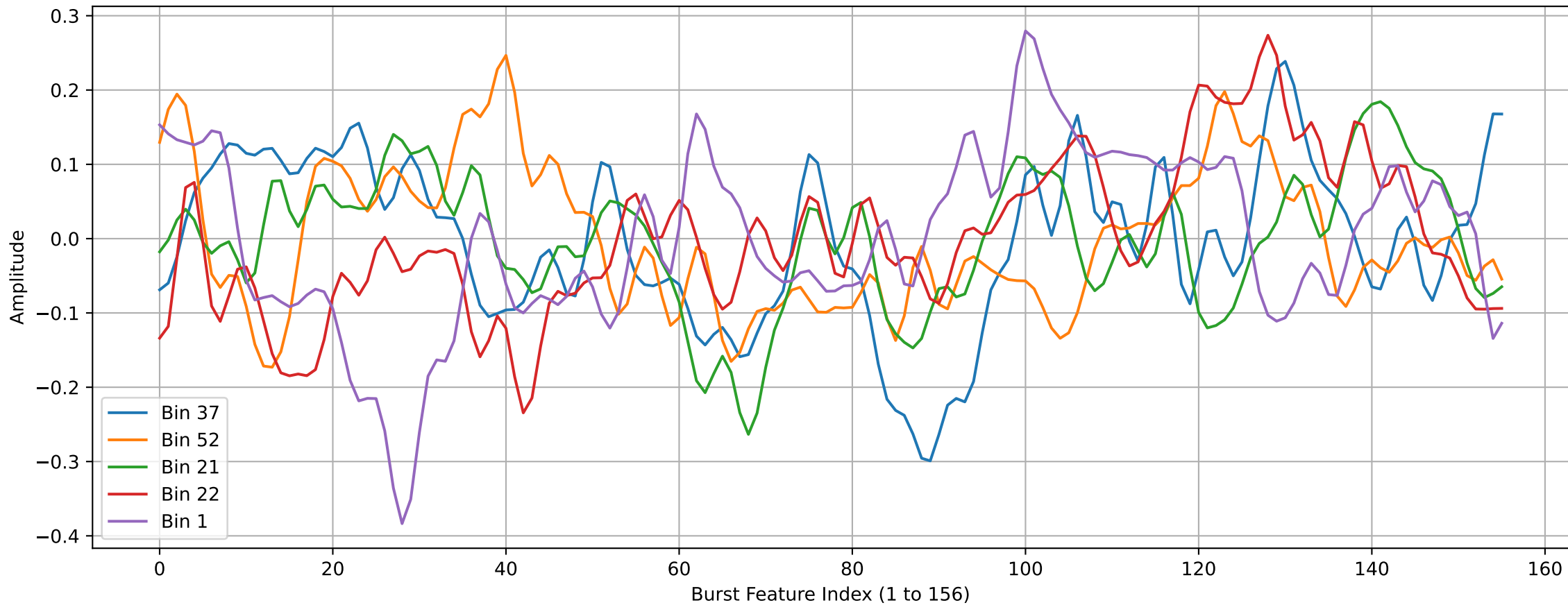
Val: Epoch 890  
MSE: 0.7359, R2: 0.3423



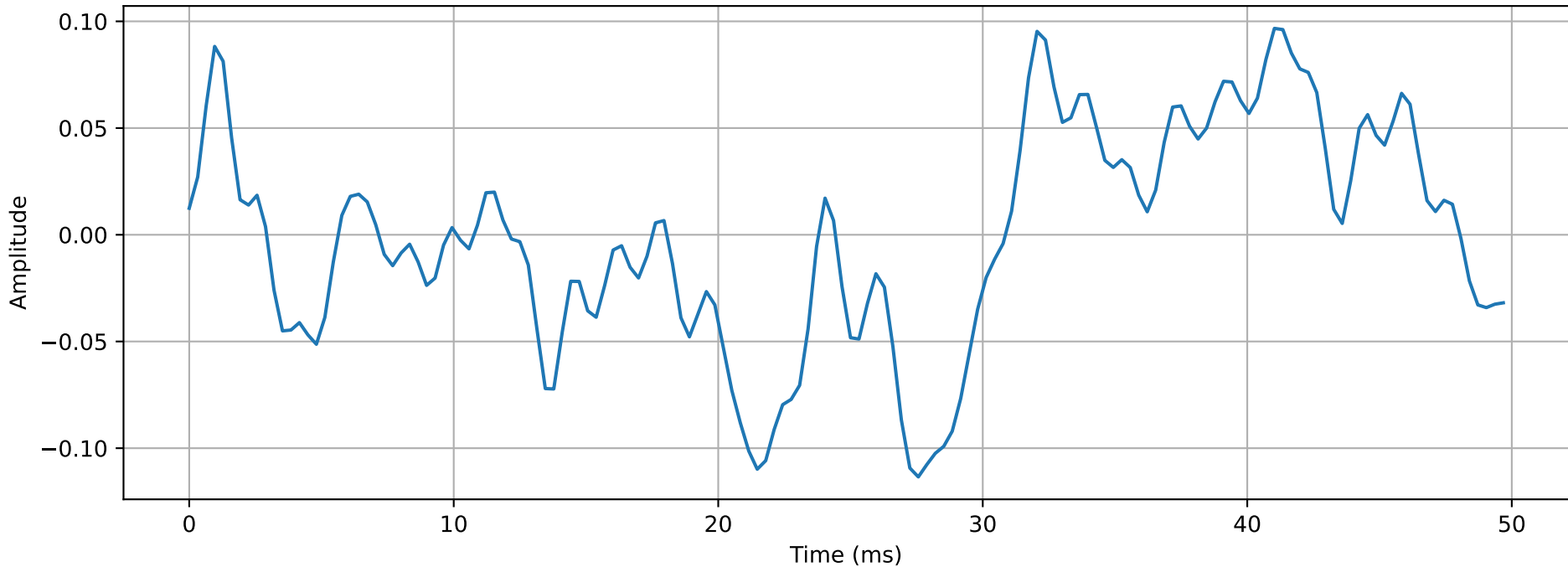
Attention Weights Across Time Bins (All Test Samples)



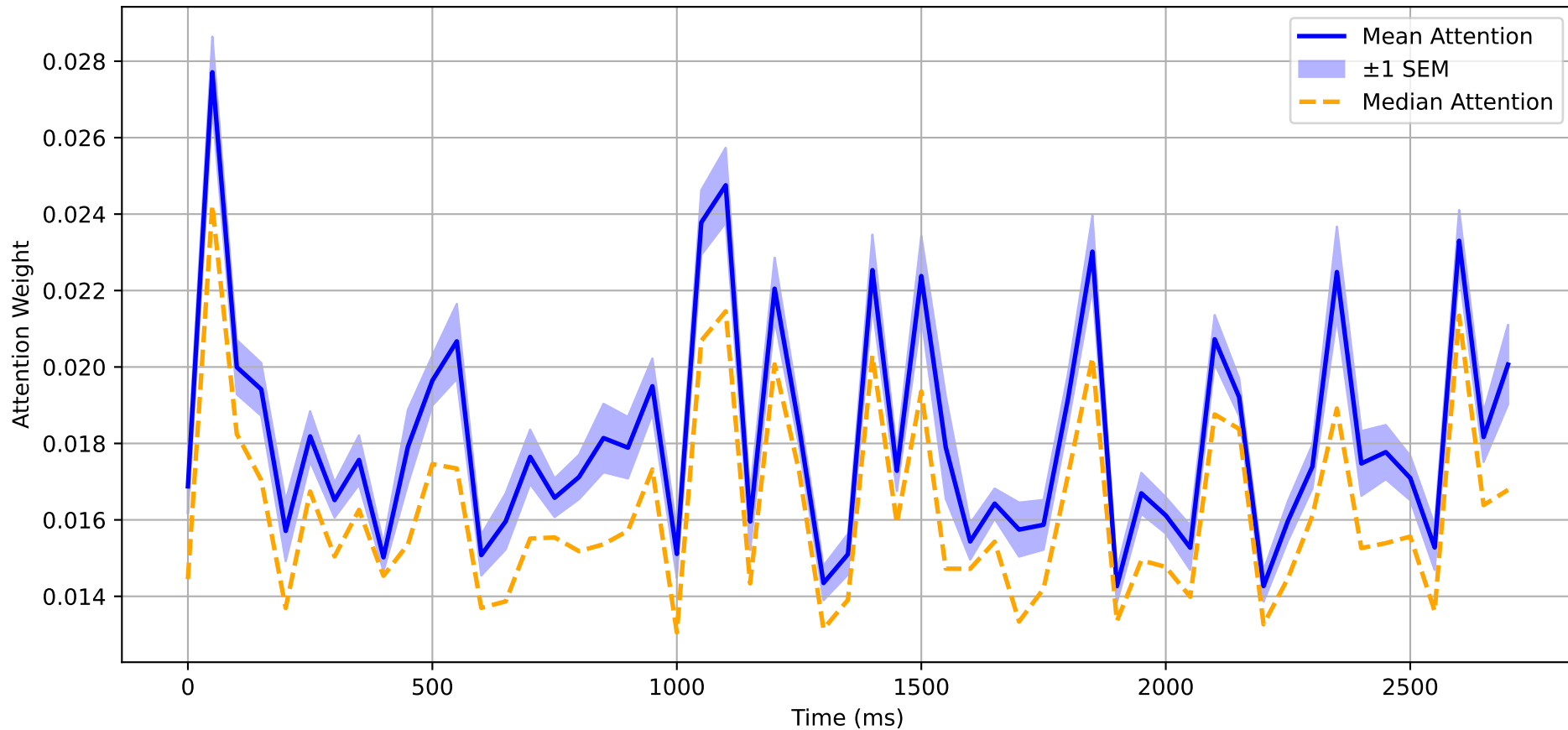
Waveform Shapes for Top Attention Bins (All Test Samples)



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

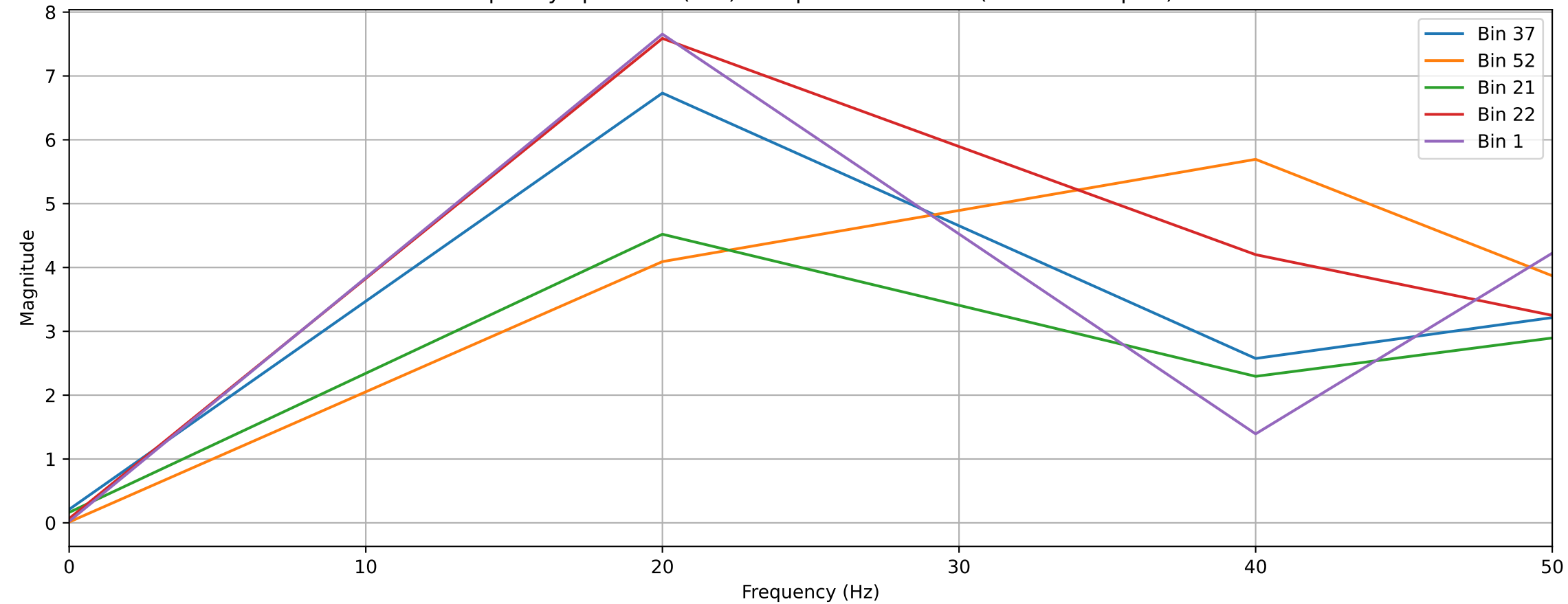


Mean & Median Attention Weights  $\pm$  SEM (This Subject)



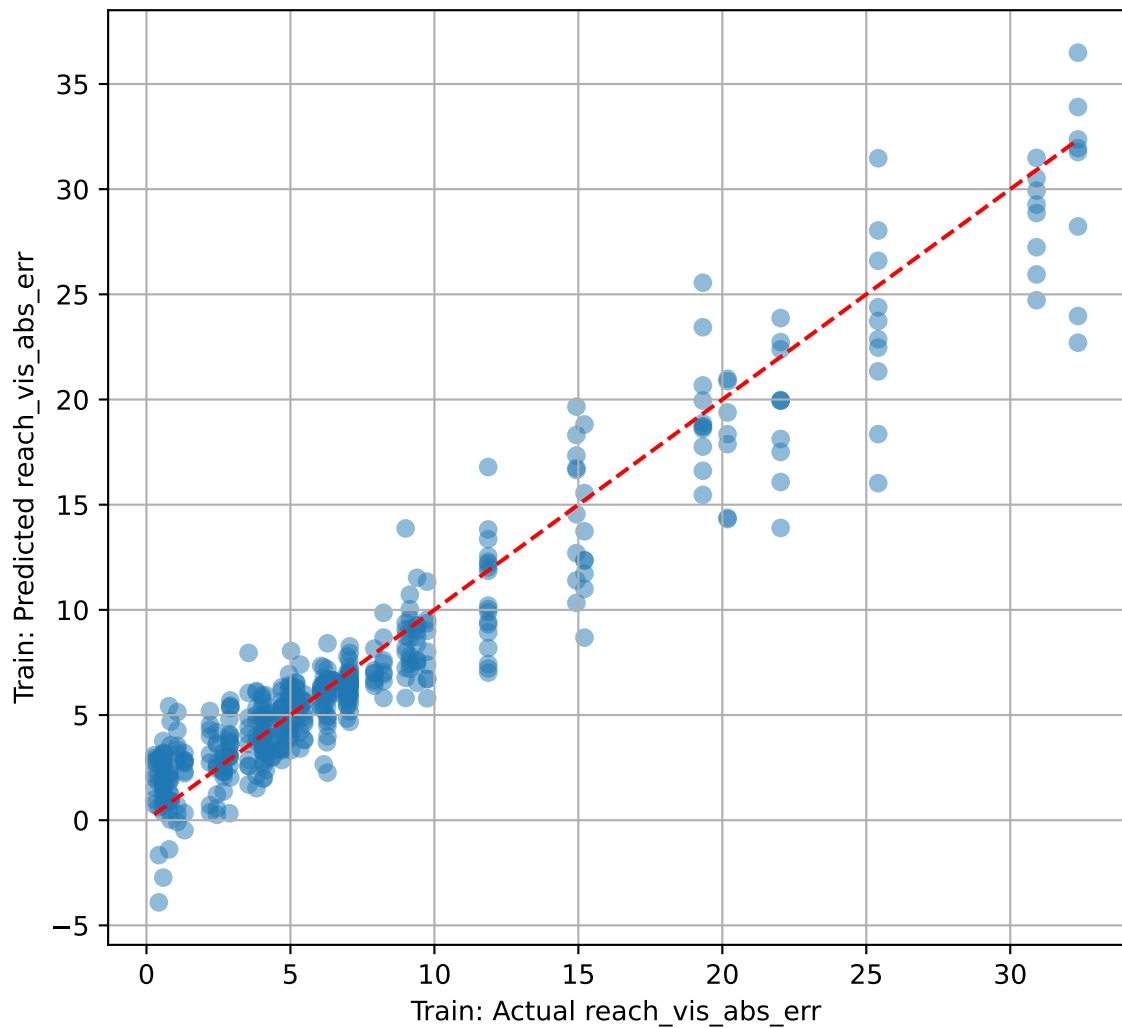


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

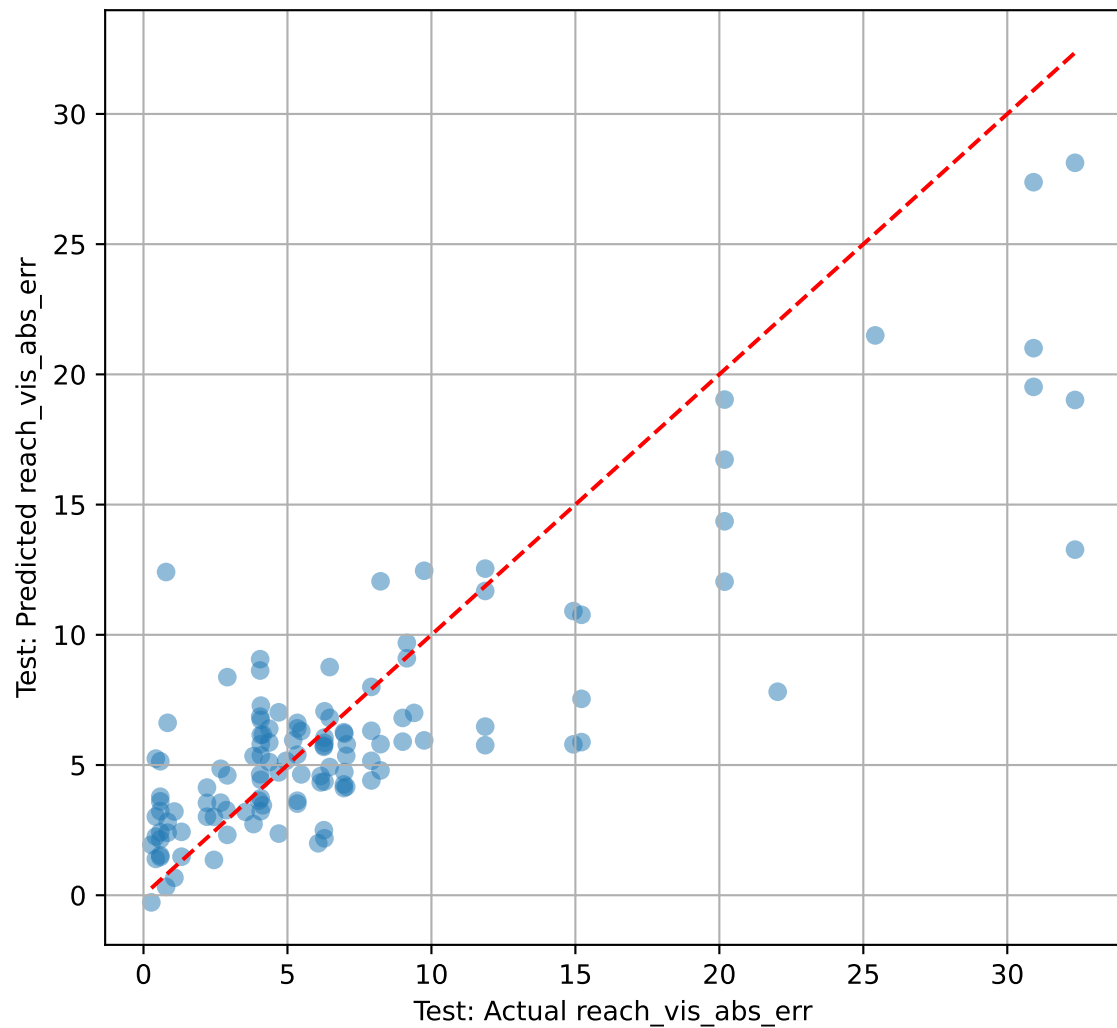


**sub-135**

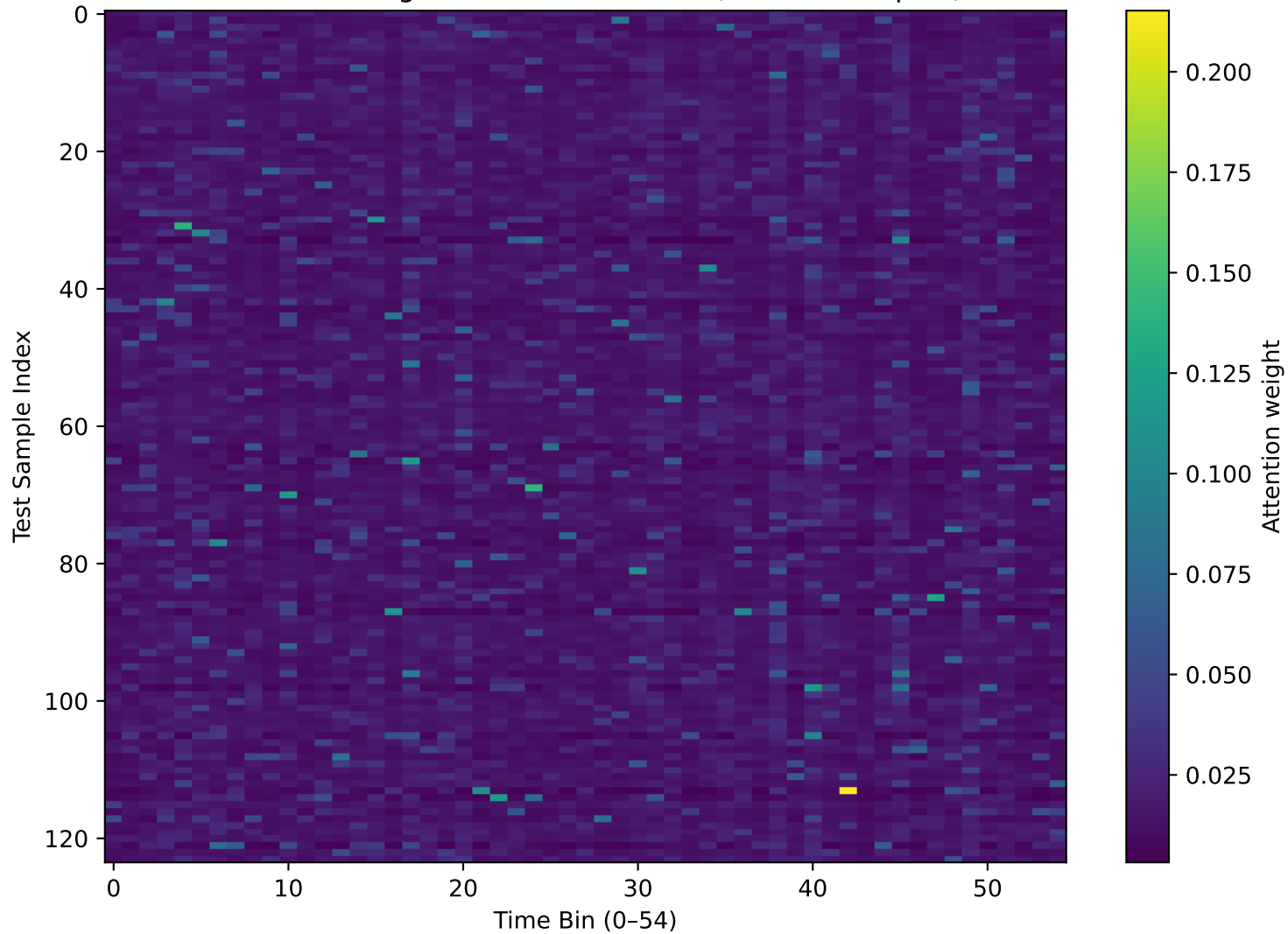
Train: Epoch 828  
MSE: 0.0785, R2: 0.9202



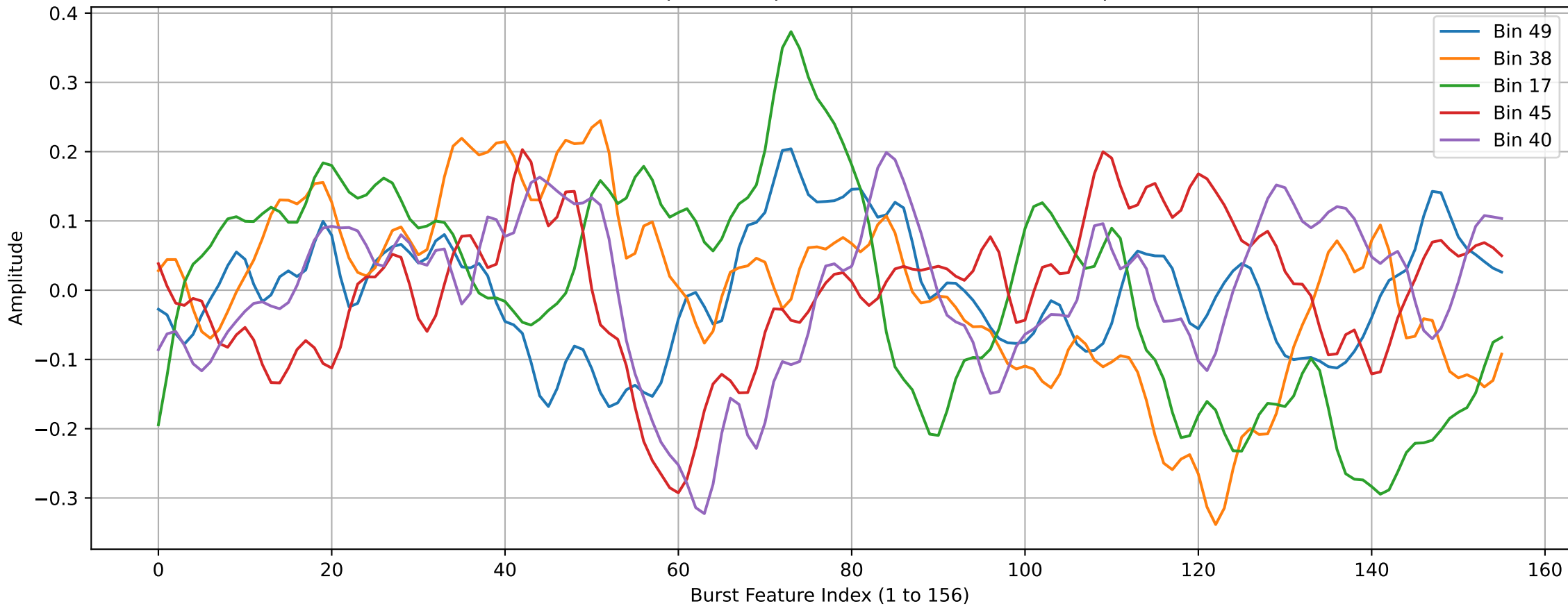
Val: Epoch 828  
MSE: 0.3326, R2: 0.6880



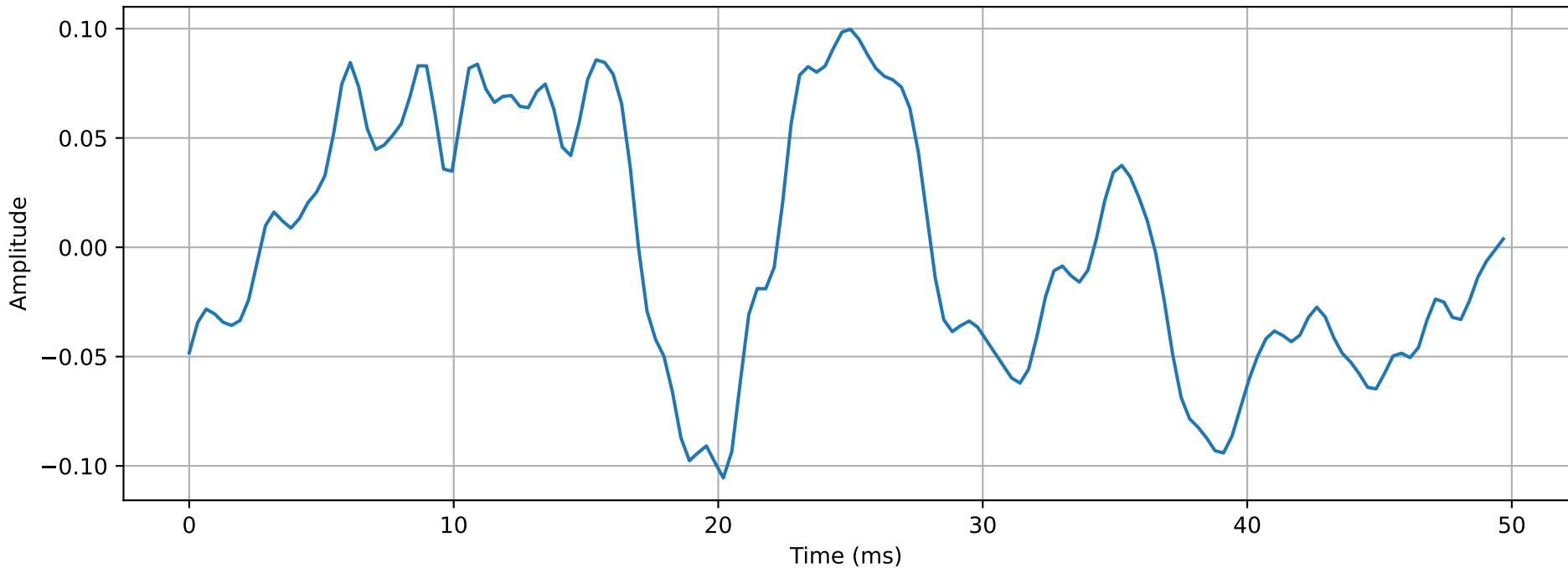
Attention Weights Across Time Bins (All Test Samples)



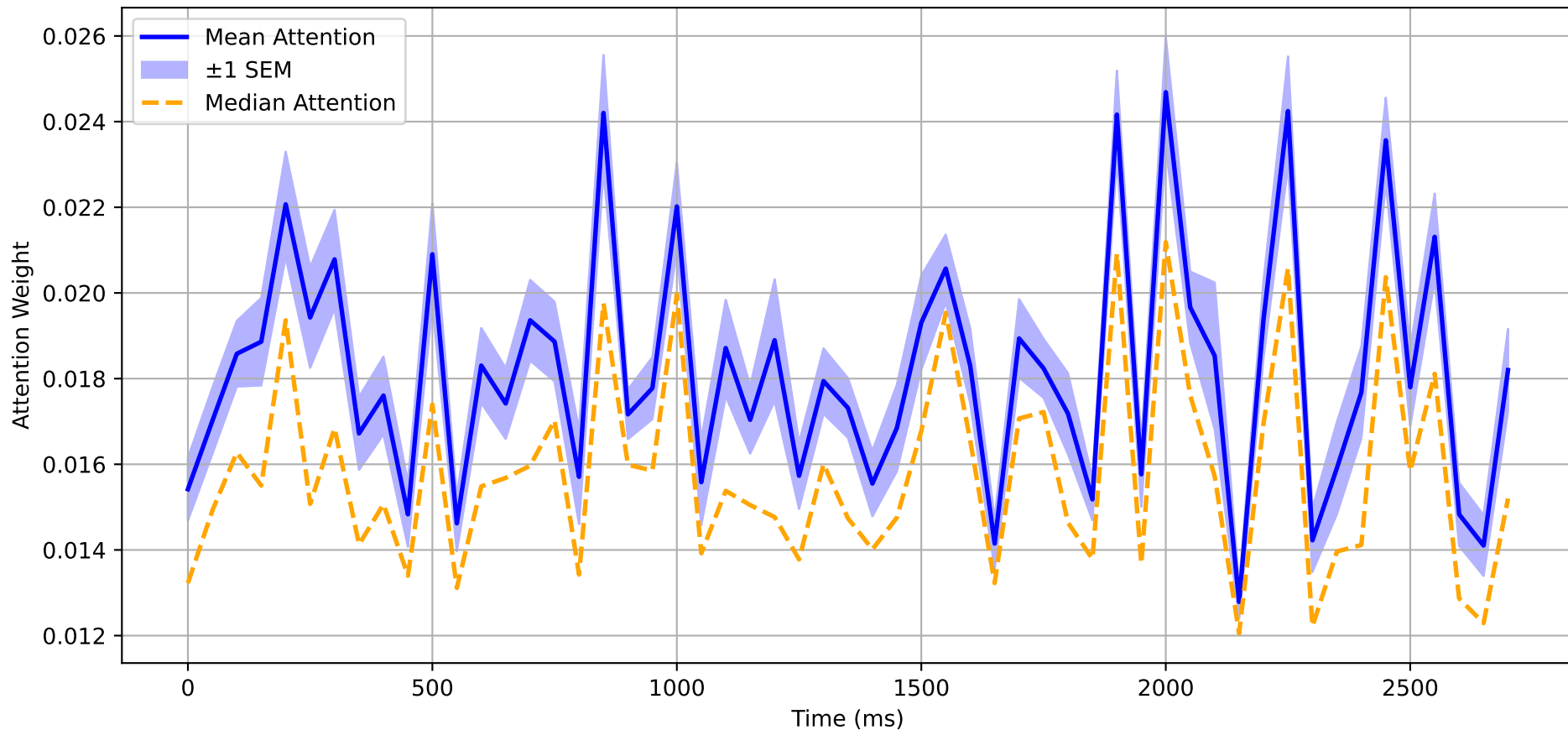
Waveform Shapes for Top Attention Bins (All Test Samples)



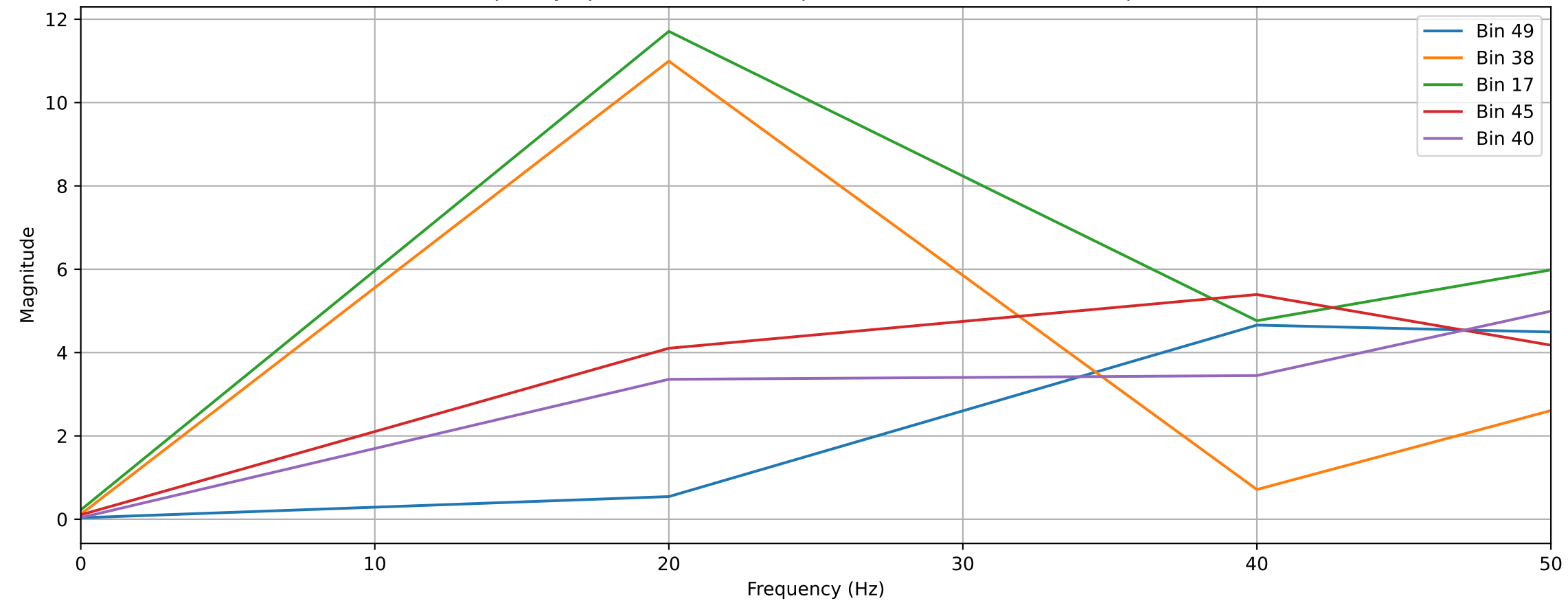
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)



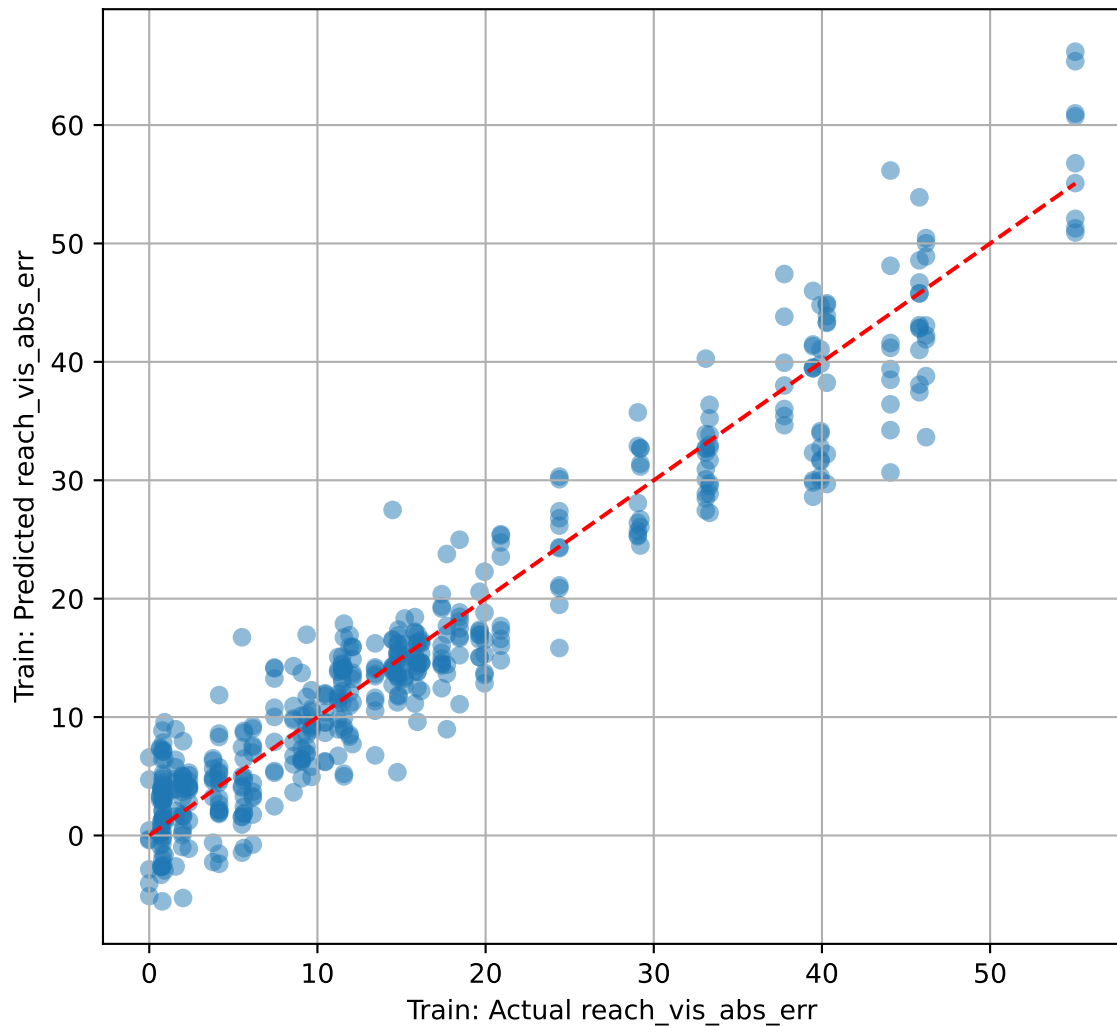
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



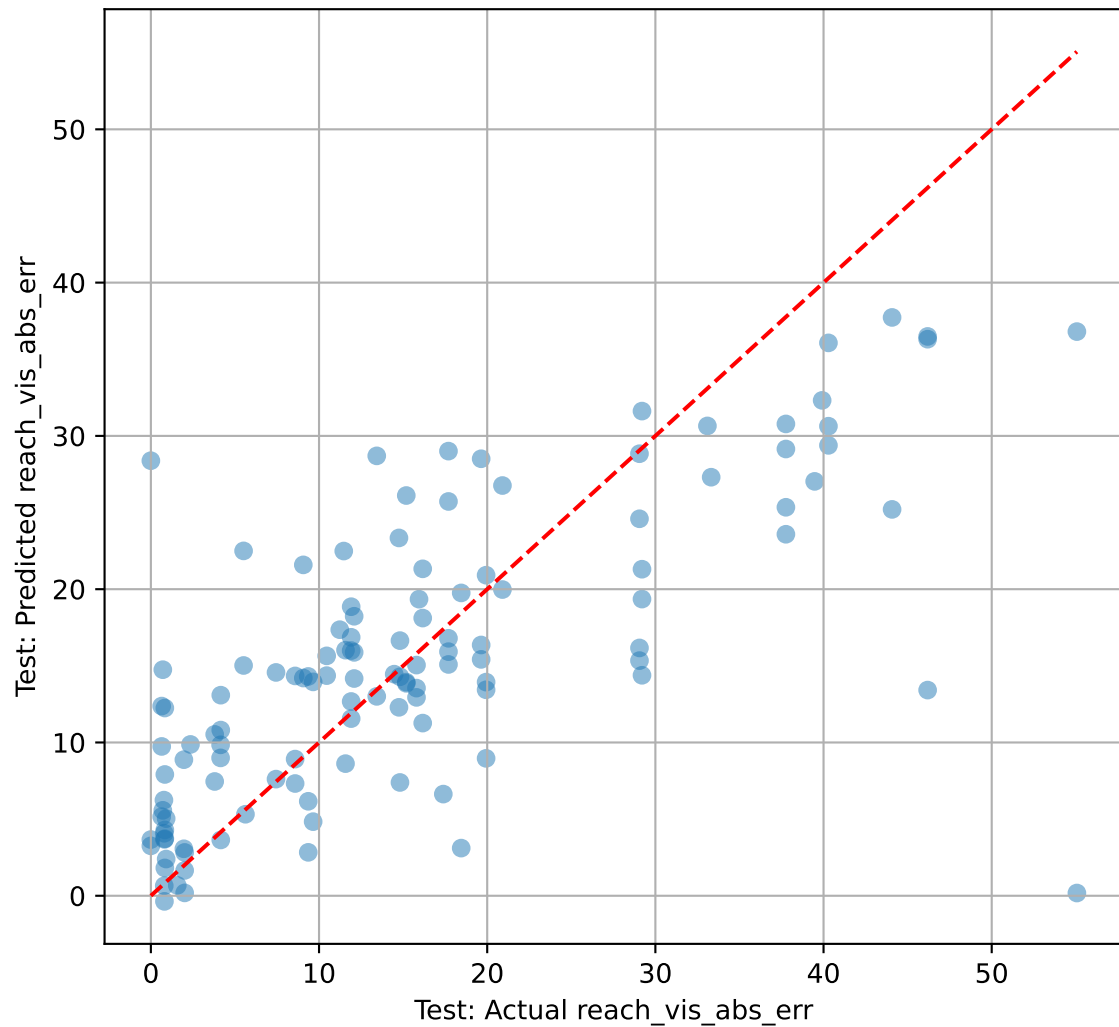


**sub-136**

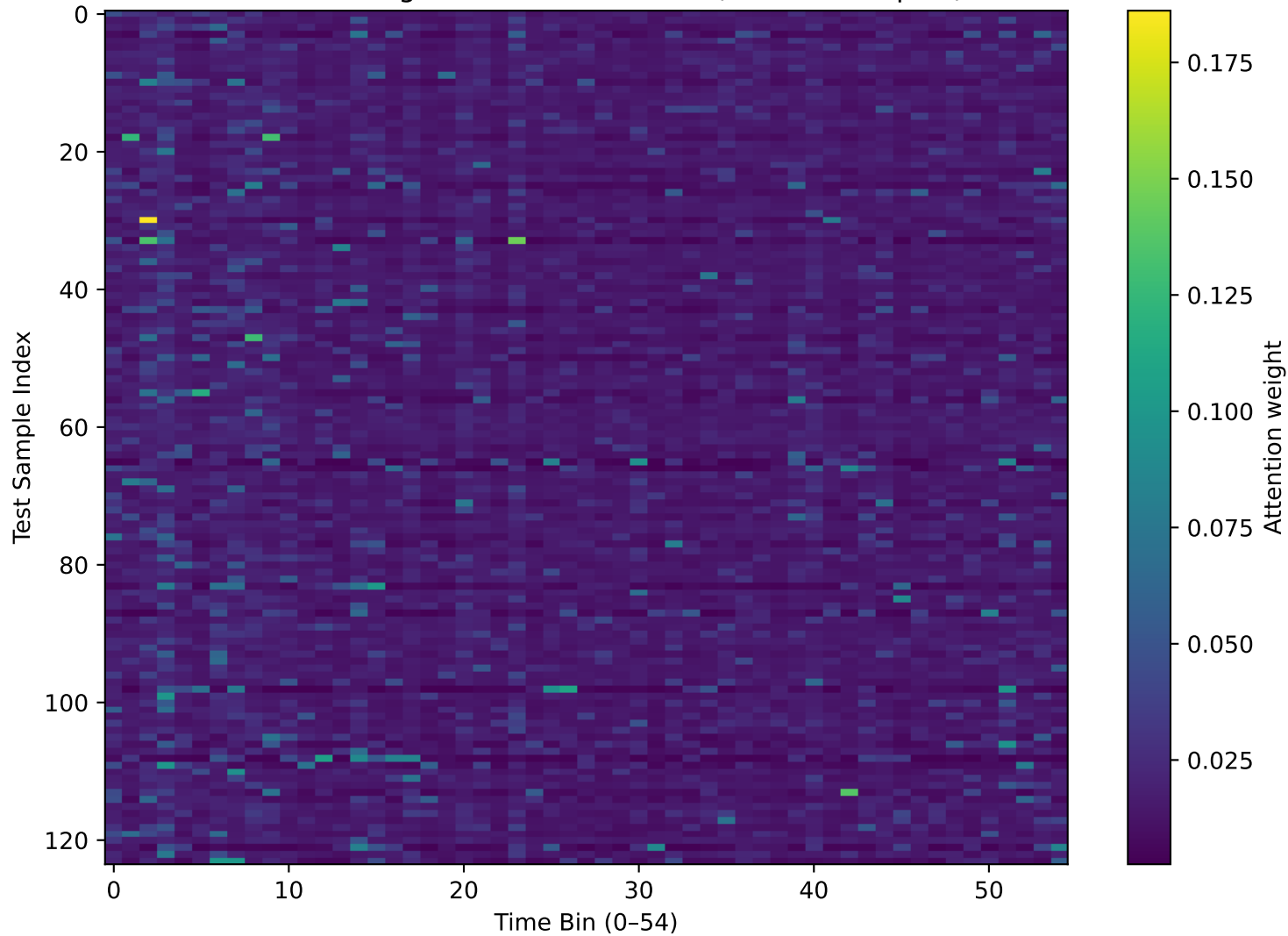
Train: Epoch 868  
MSE: 0.0772, R2: 0.9245



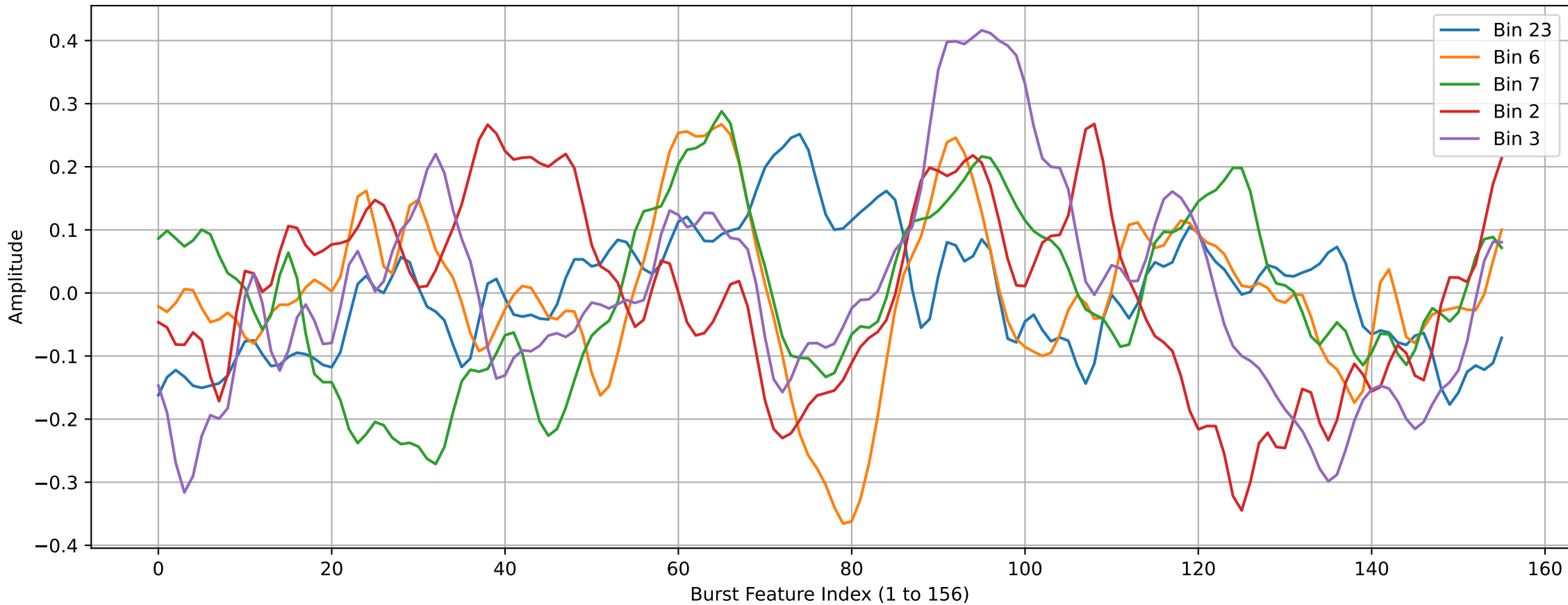
Val: Epoch 868  
MSE: 0.4548, R2: 0.5019



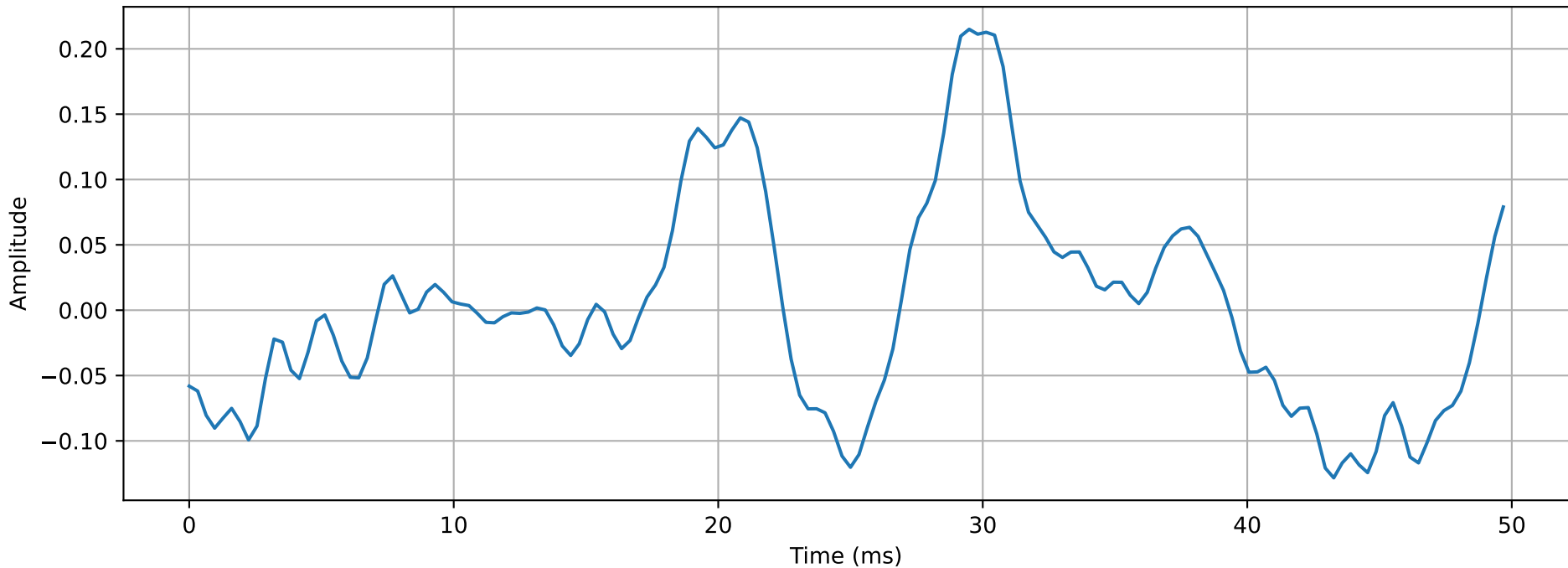
Attention Weights Across Time Bins (All Test Samples)



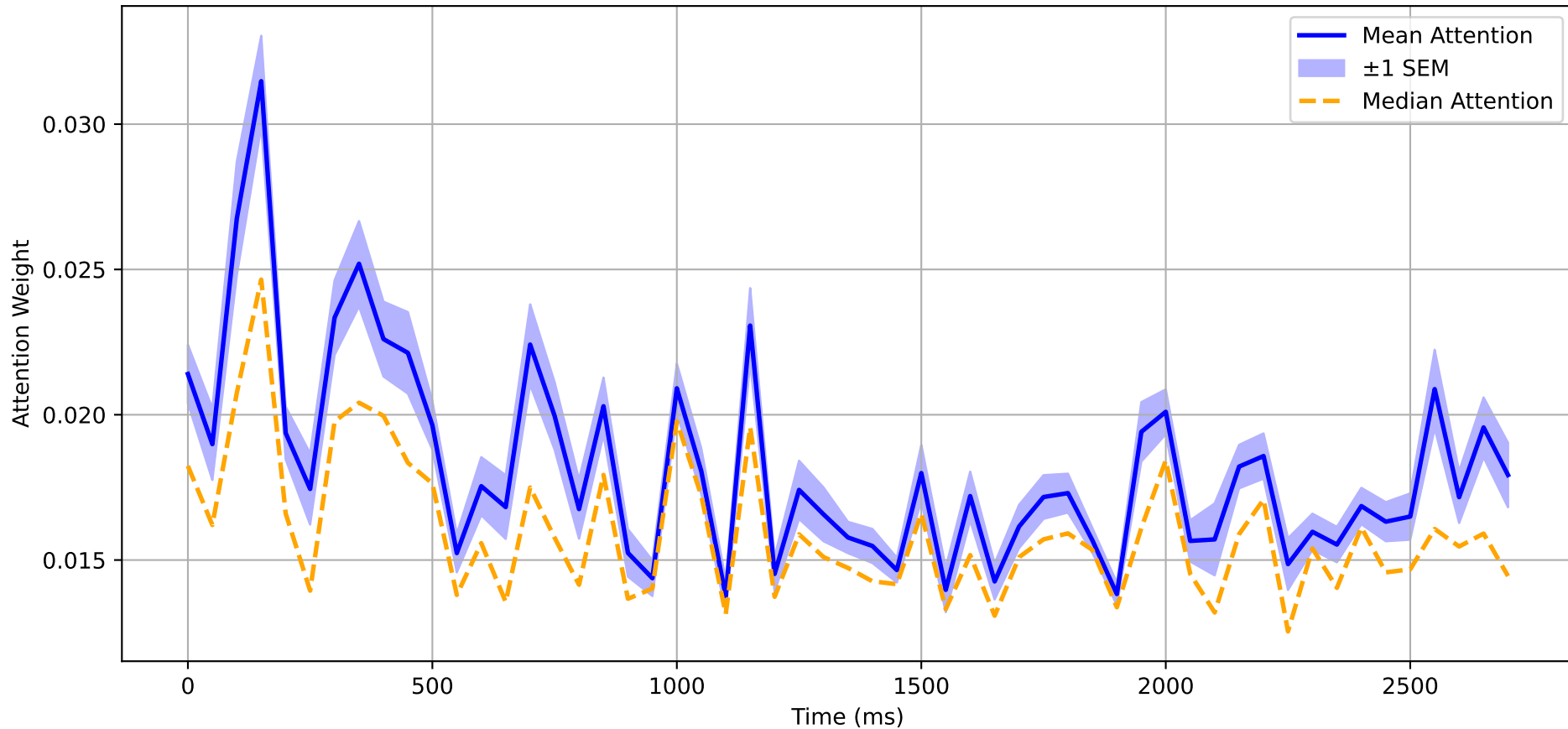
Waveform Shapes for Top Attention Bins (All Test Samples)



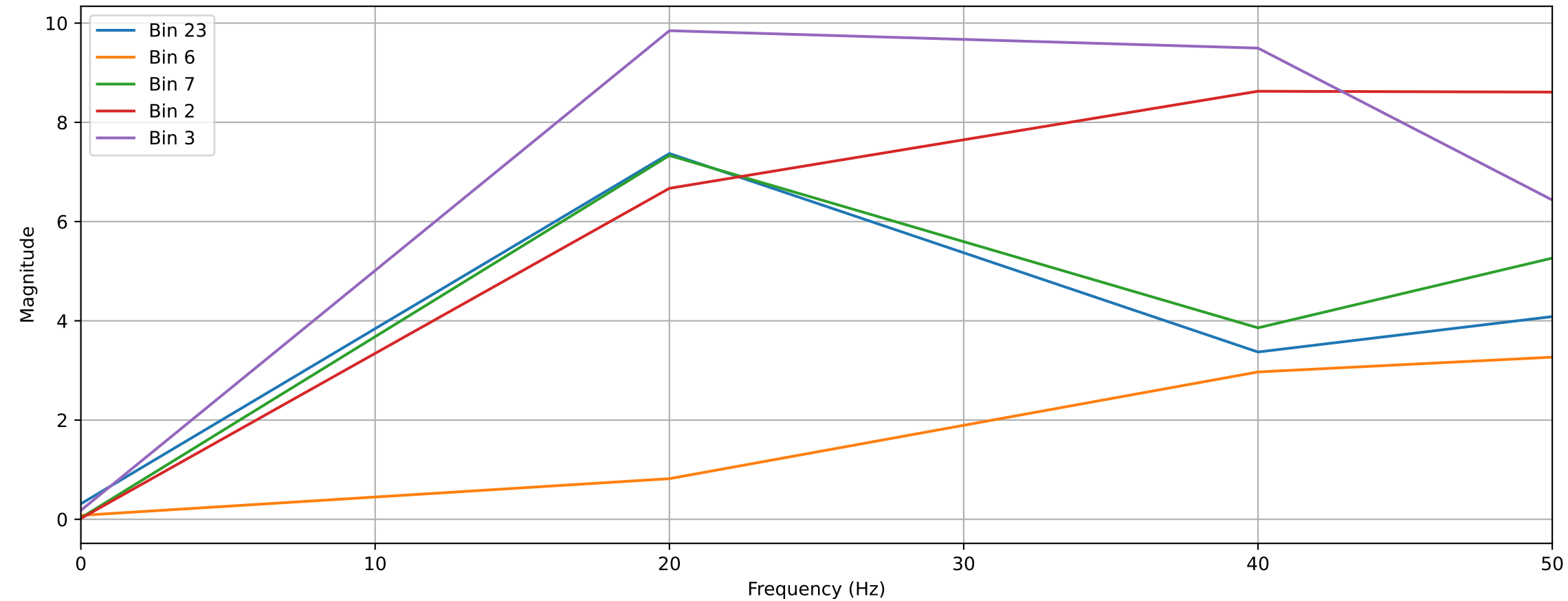
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)



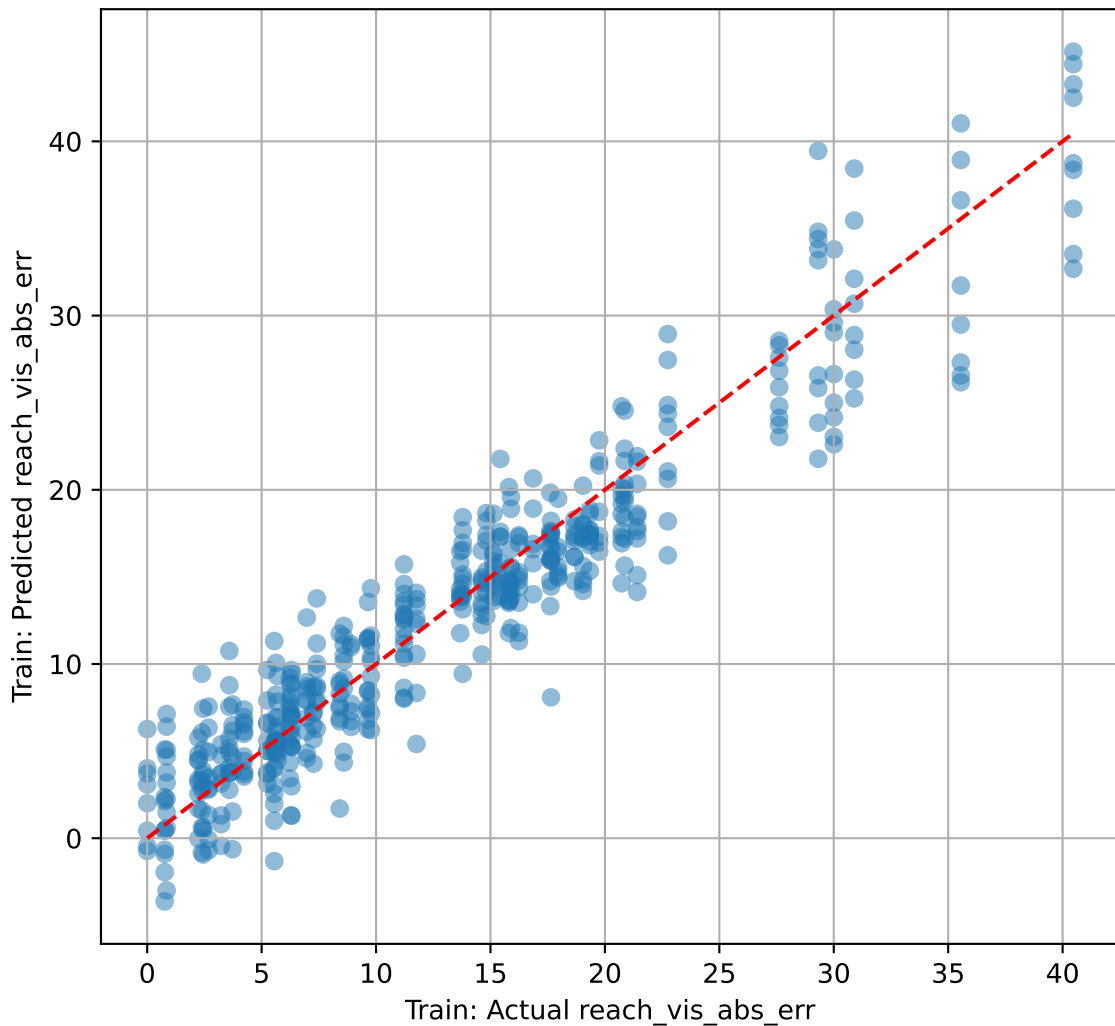
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



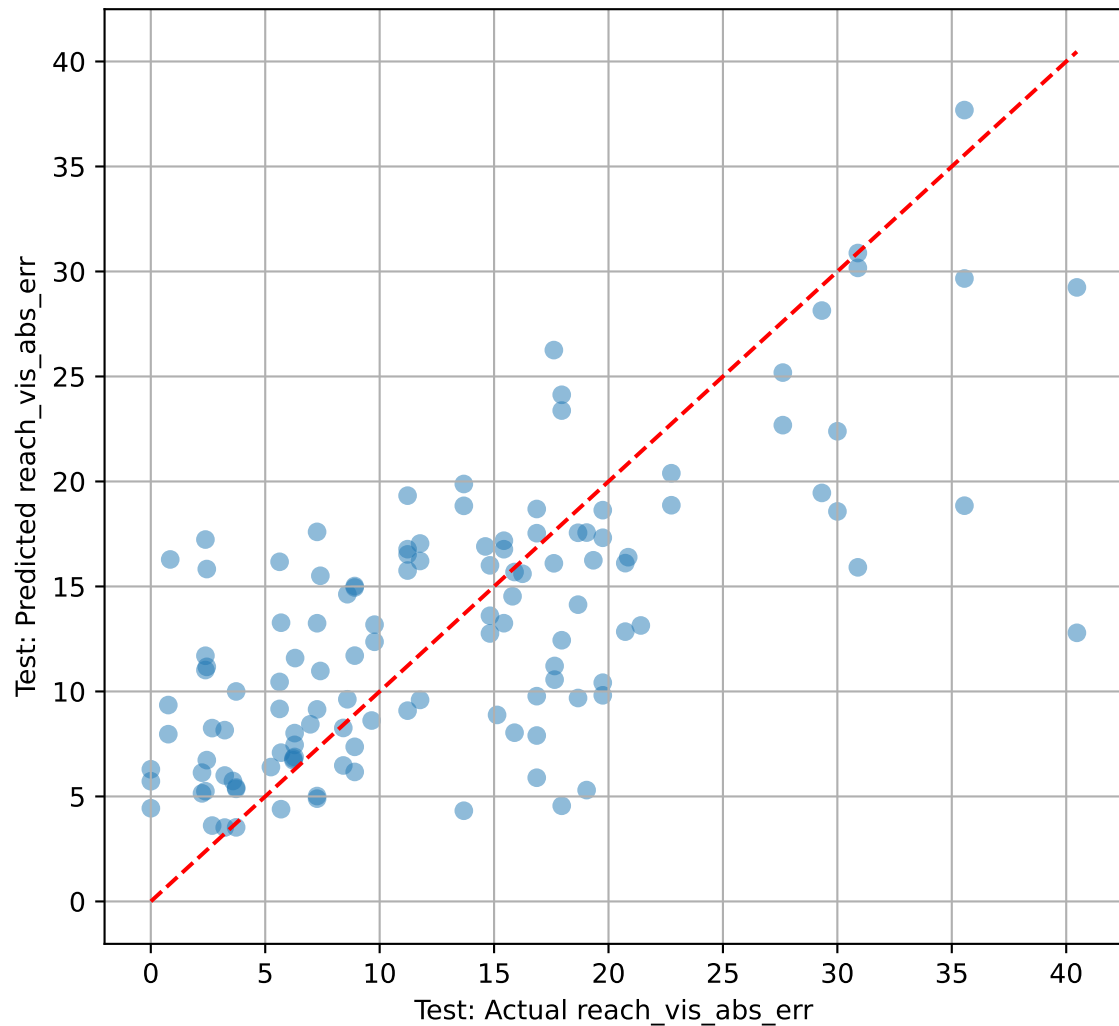
**sub-138**



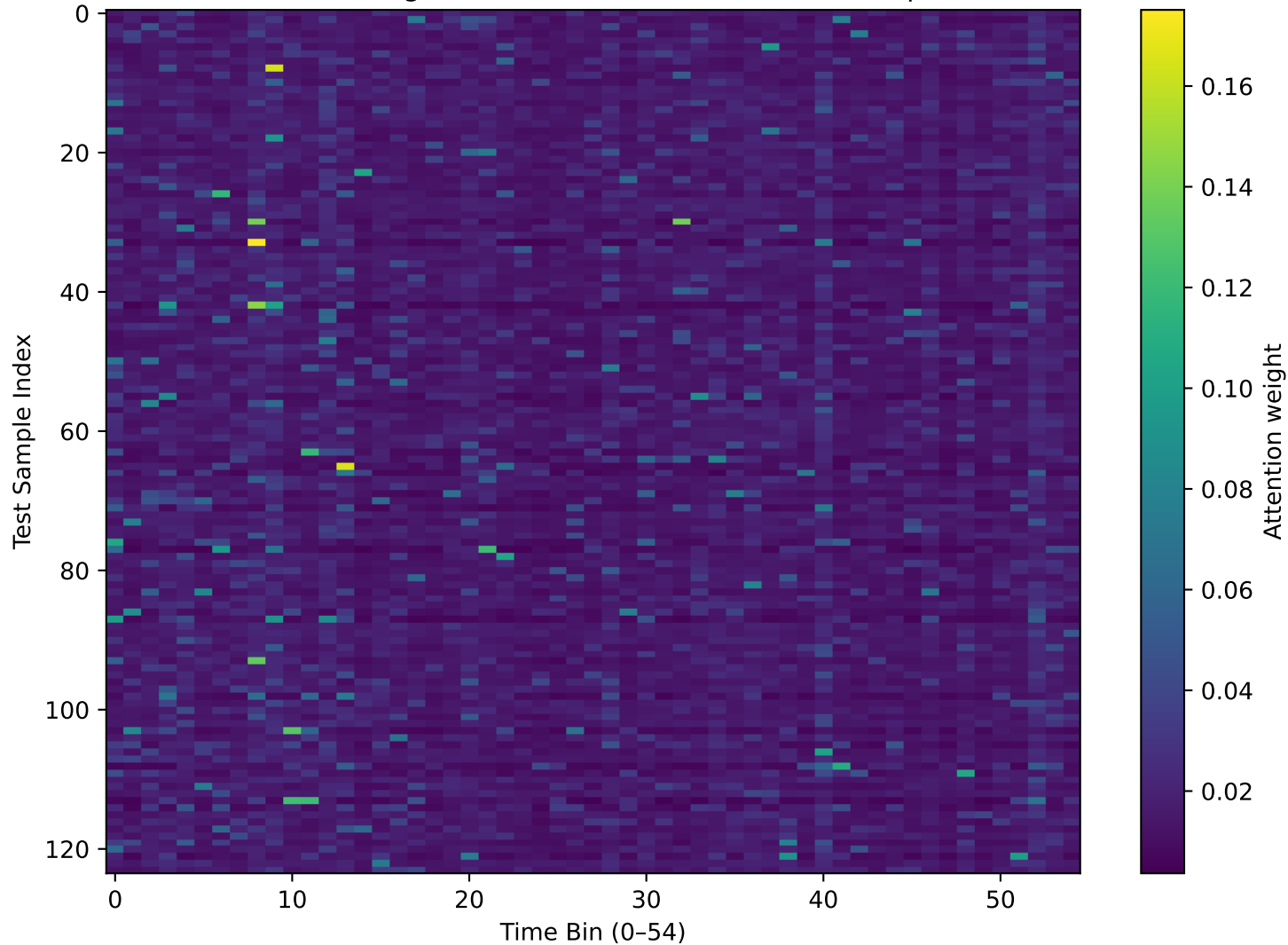
Train: Epoch 852  
MSE: 0.0999, R2: 0.8995



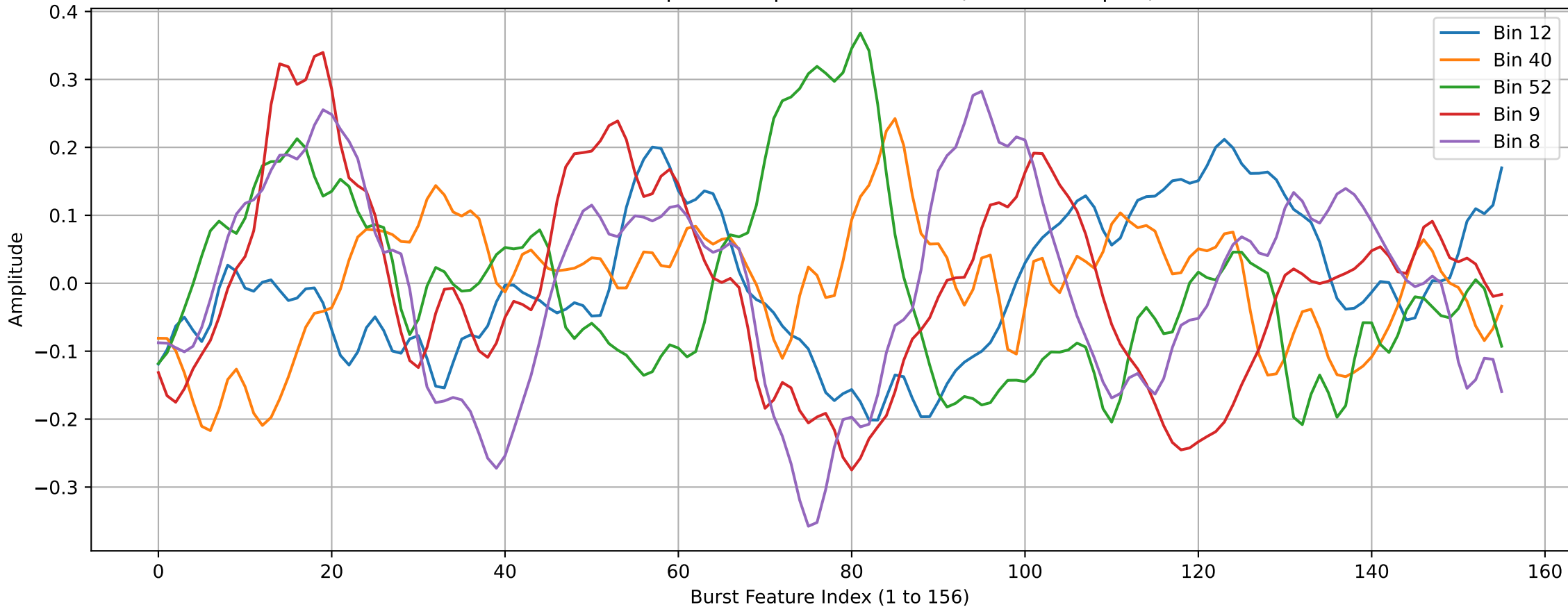
Val: Epoch 852  
MSE: 0.5265, R2: 0.4867



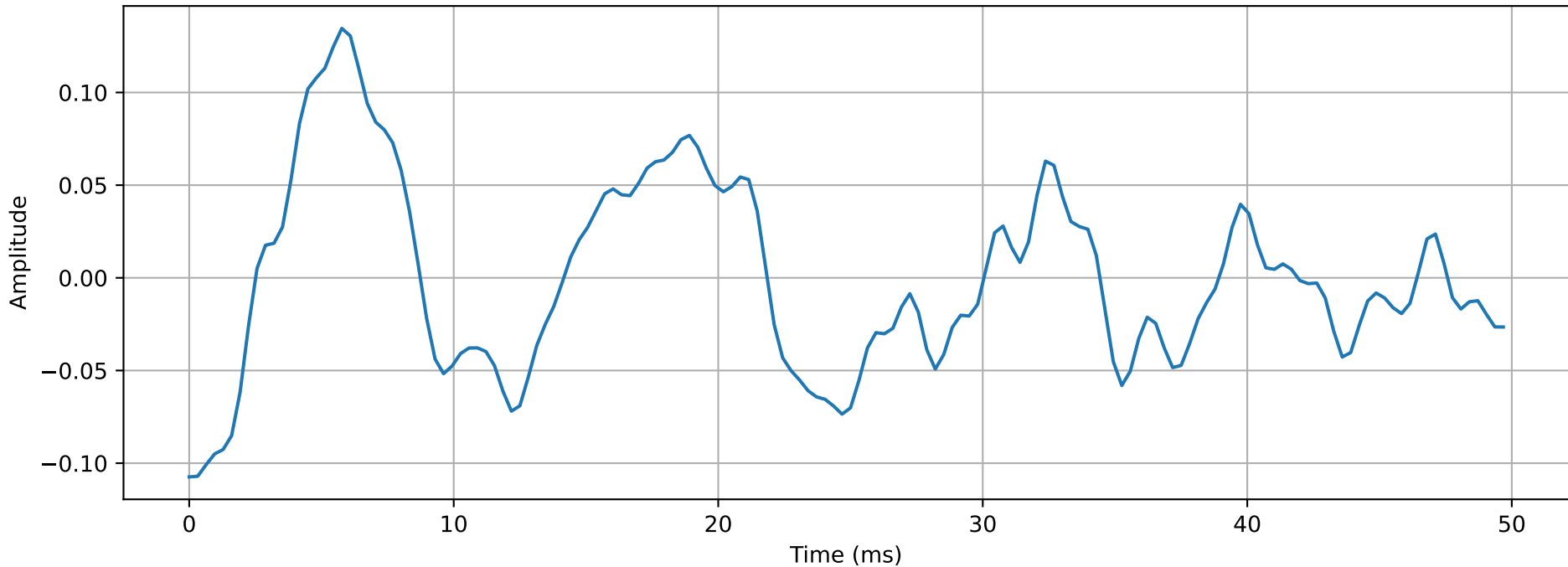
Attention Weights Across Time Bins (All Test Samples)



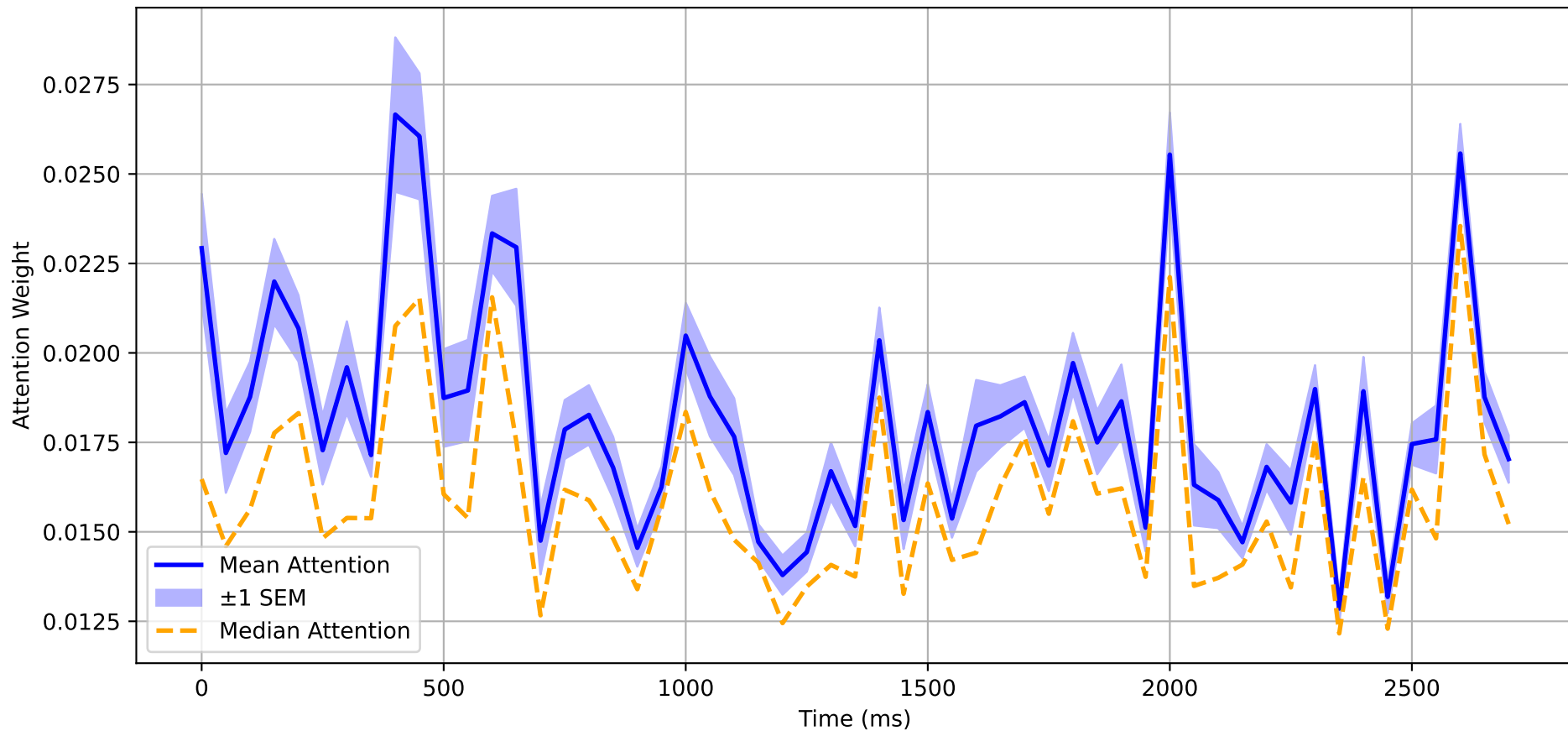
Waveform Shapes for Top Attention Bins (All Test Samples)



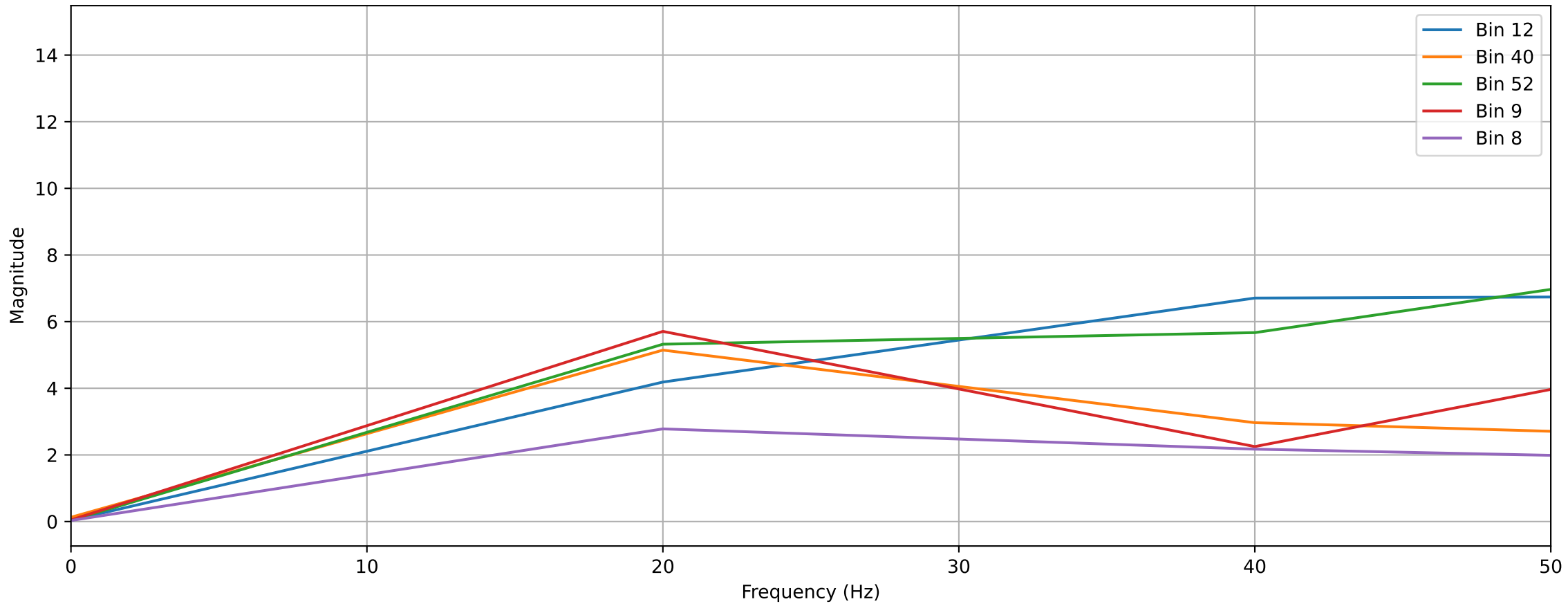
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

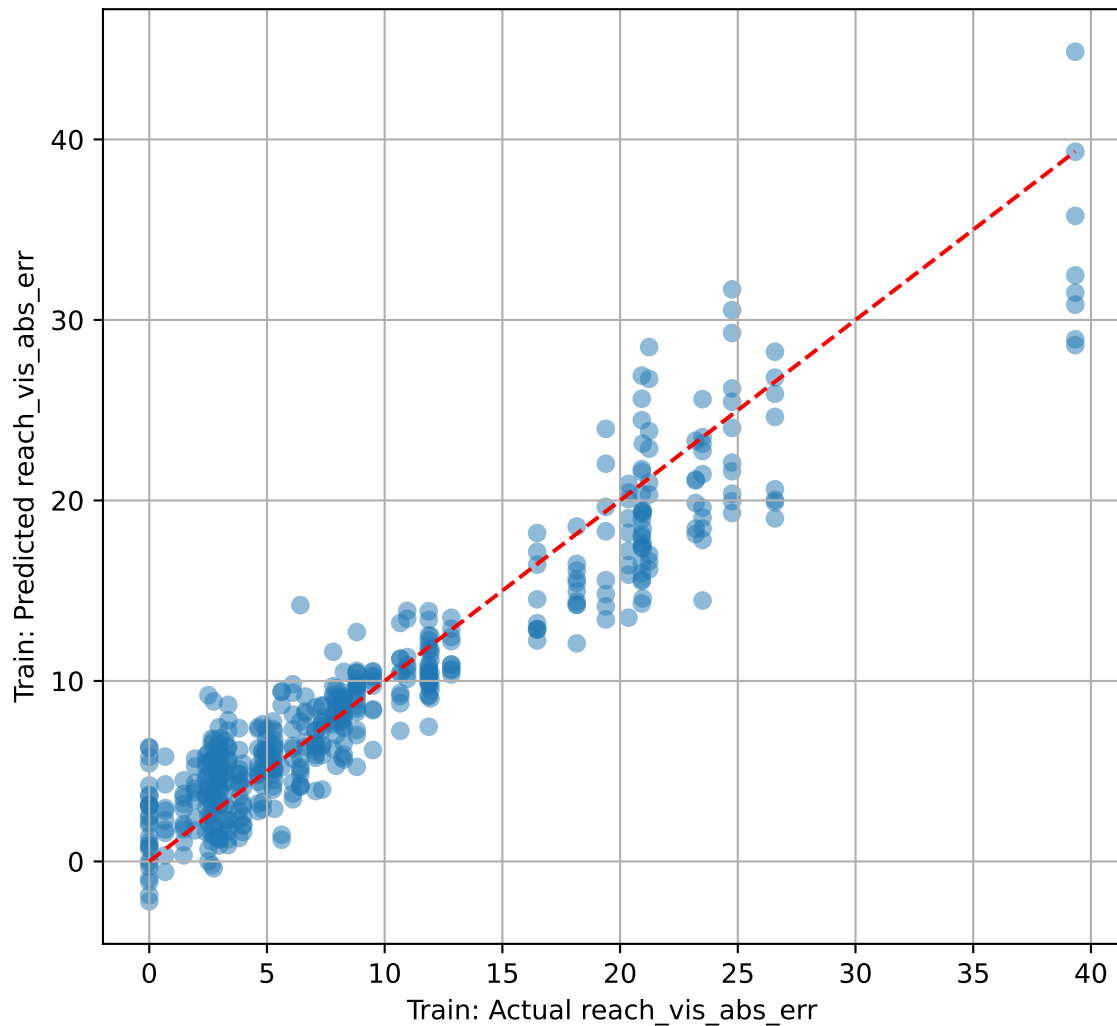


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

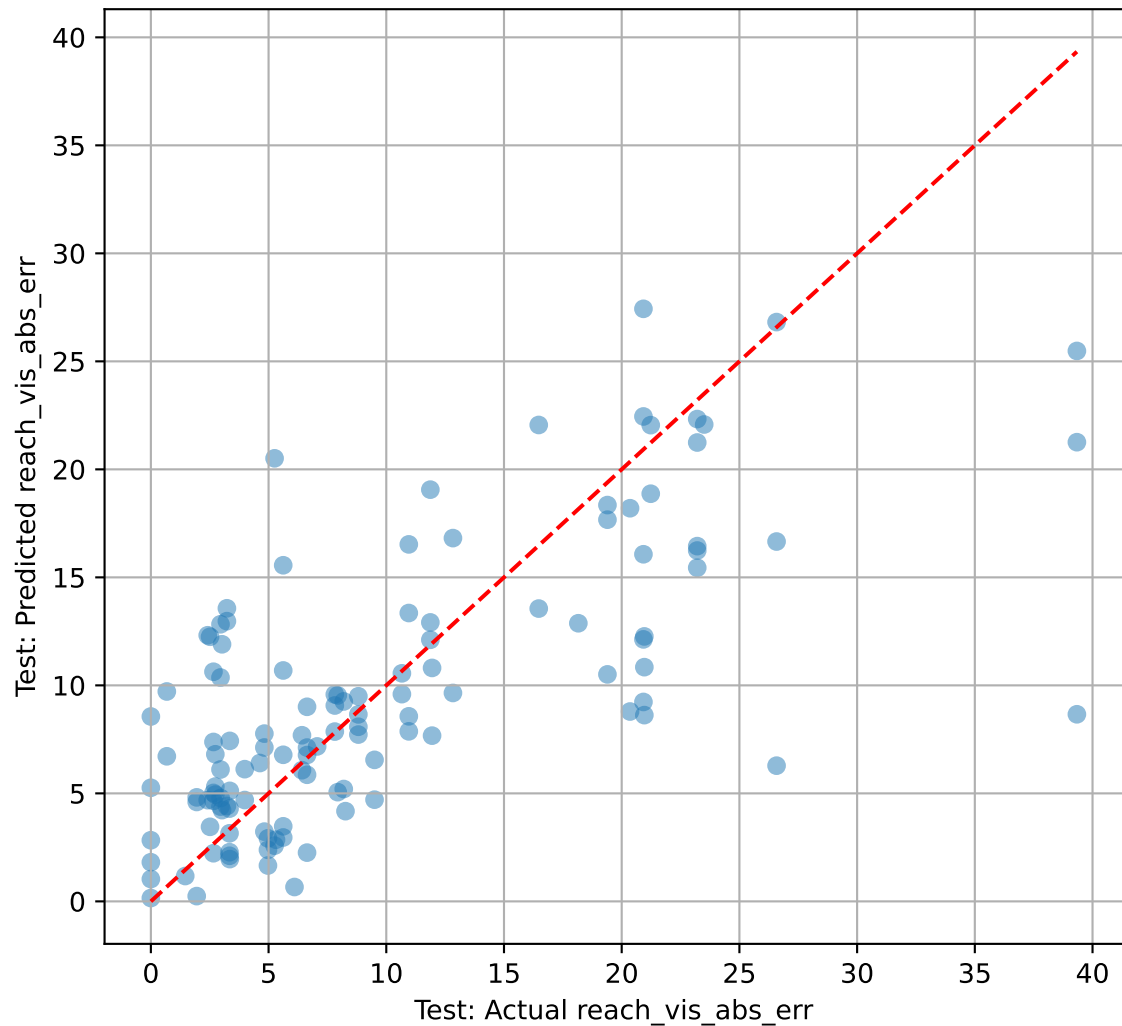


**sub-139**

Train: Epoch 600  
MSE: 0.1067, R2: 0.8907

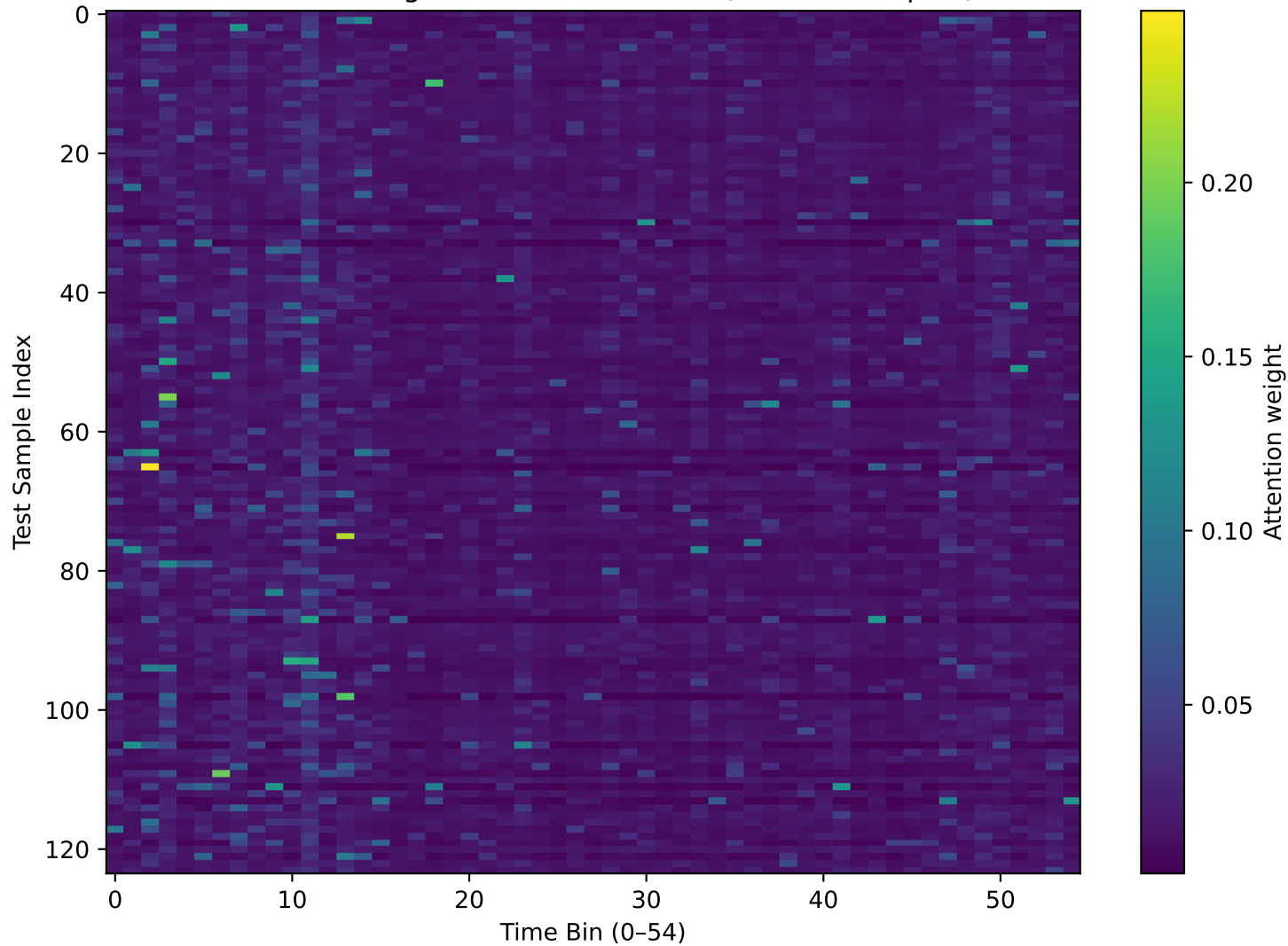


Val: Epoch 600  
MSE: 0.5591, R2: 0.4881

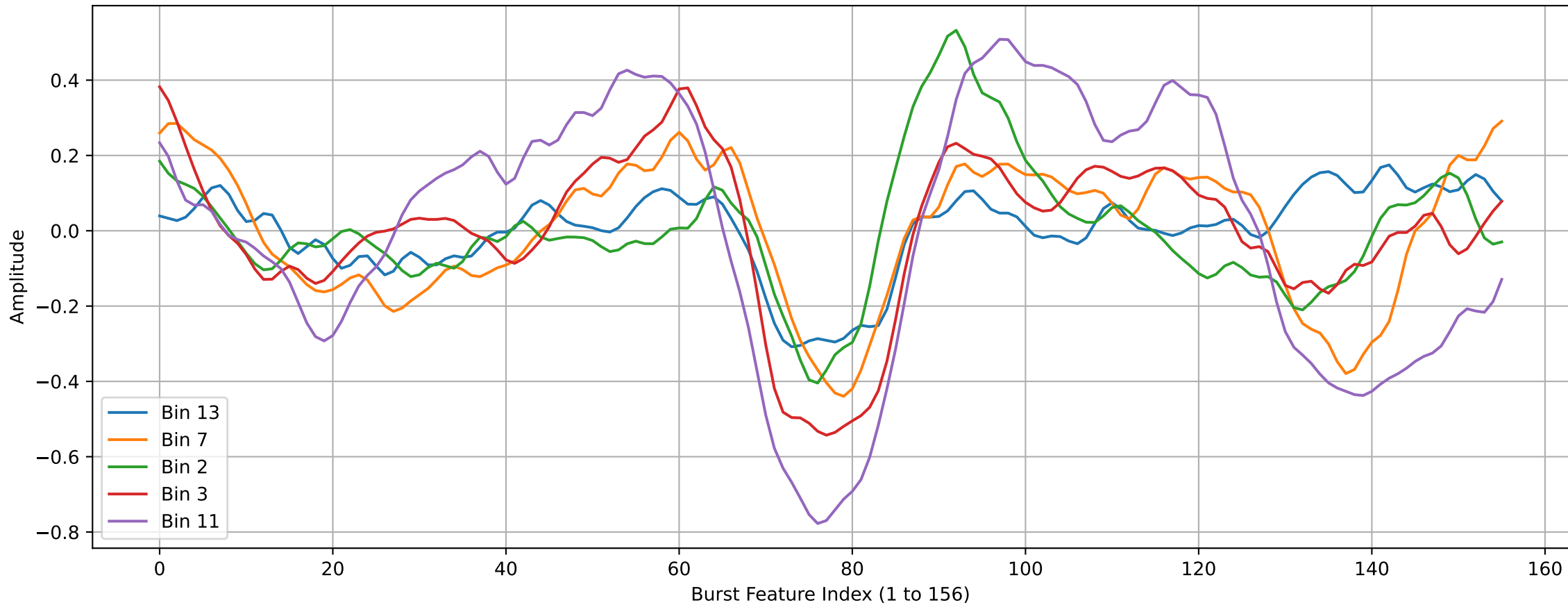




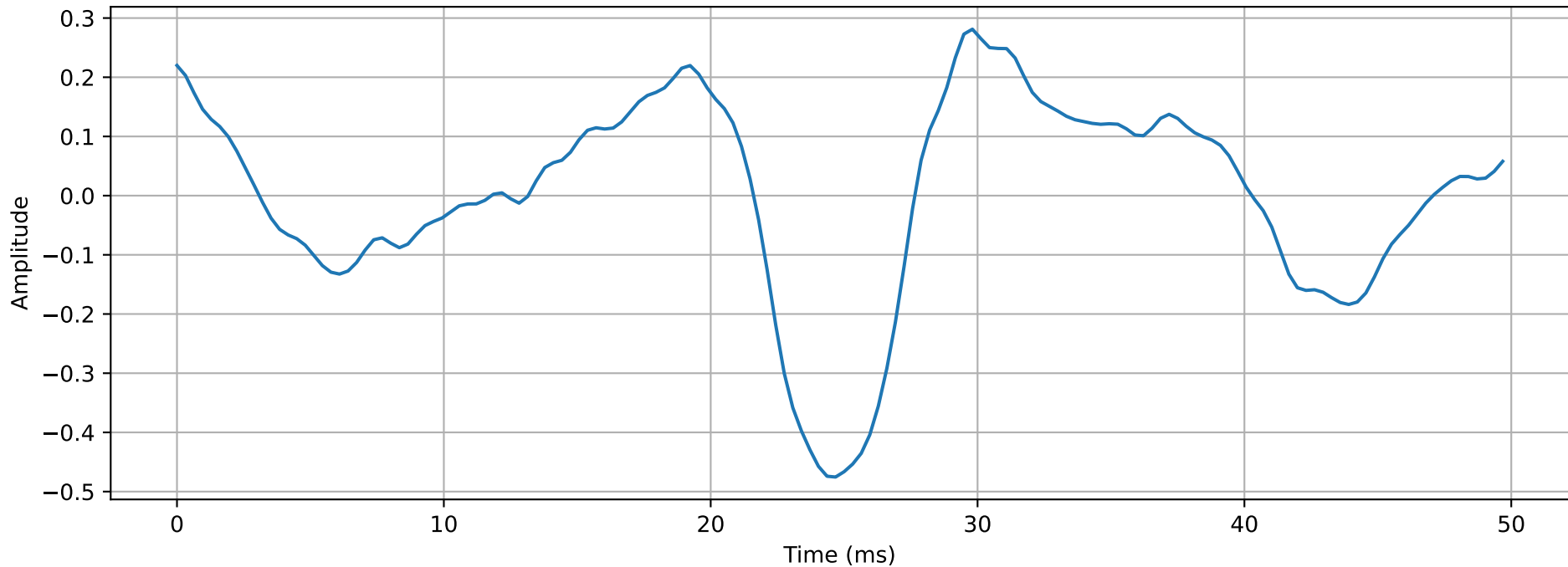
Attention Weights Across Time Bins (All Test Samples)



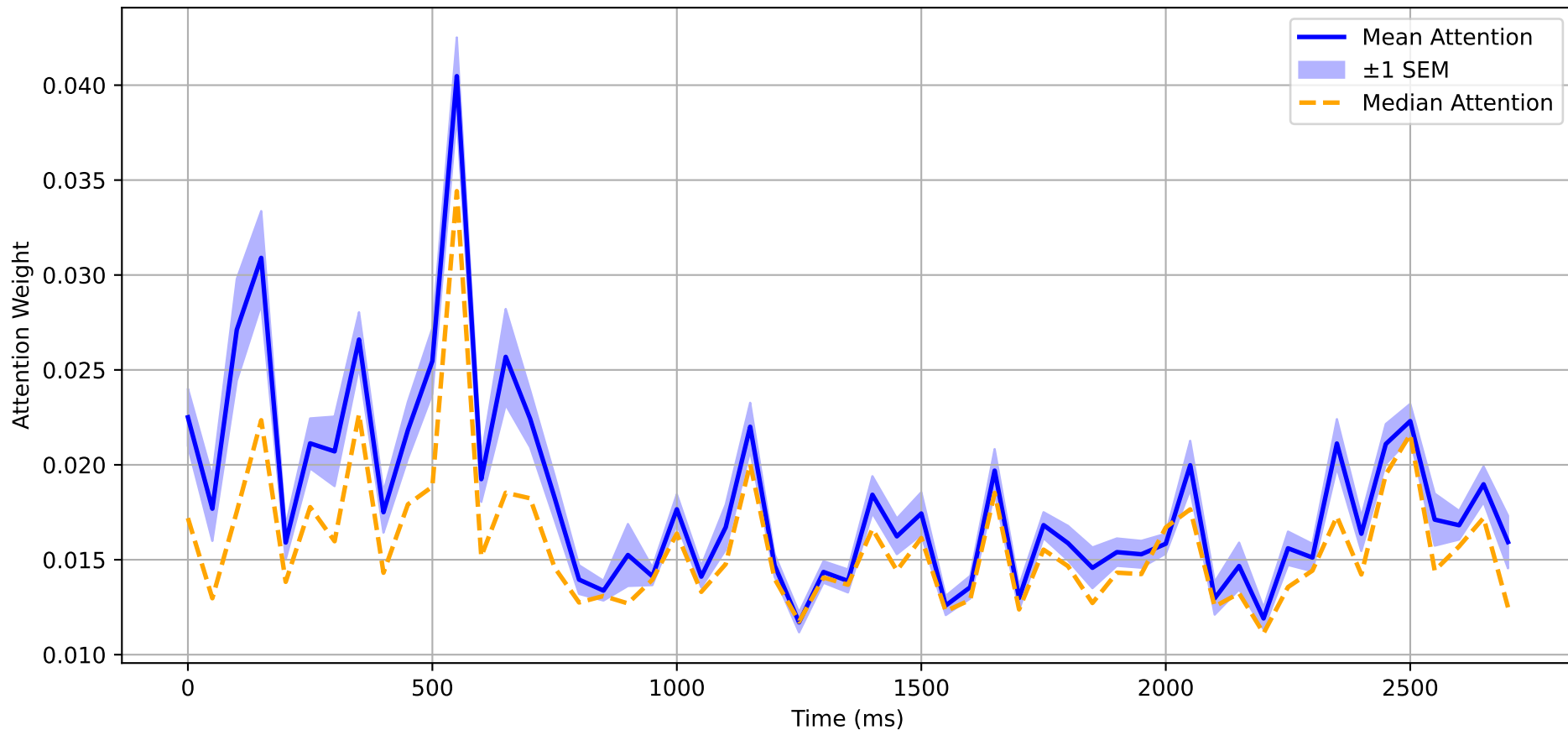
Waveform Shapes for Top Attention Bins (All Test Samples)



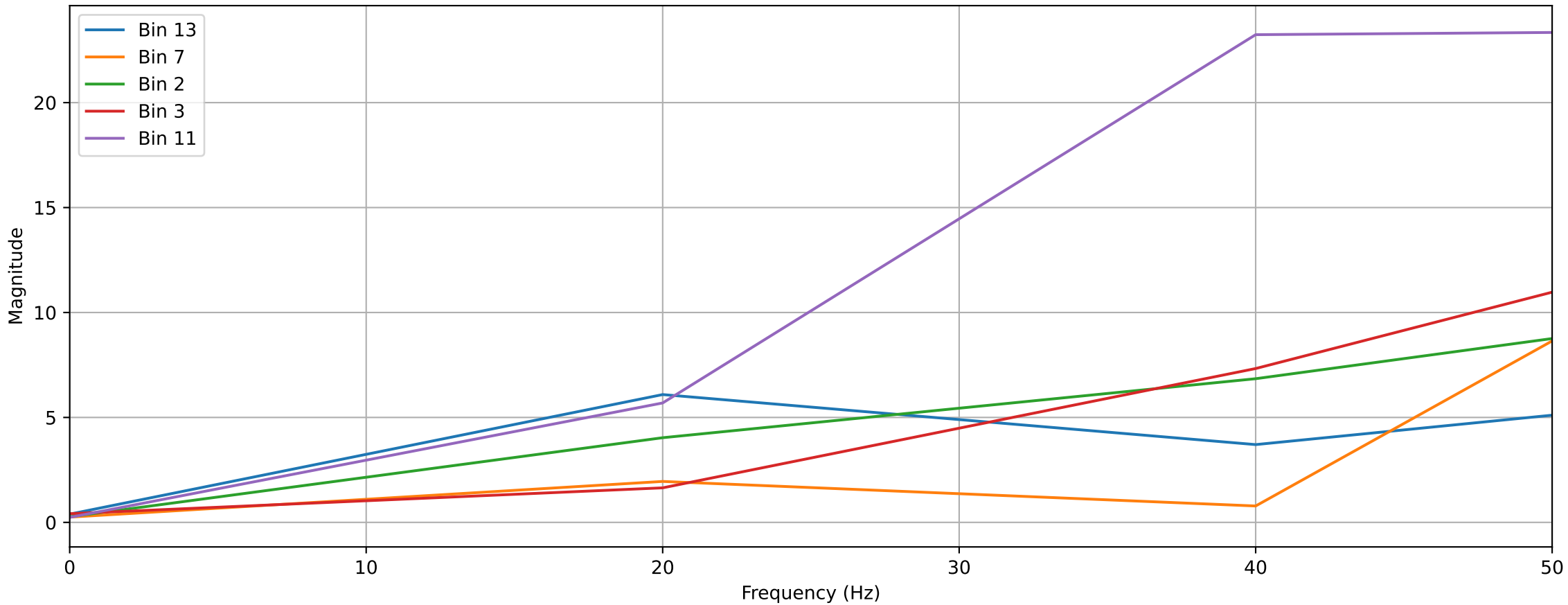
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

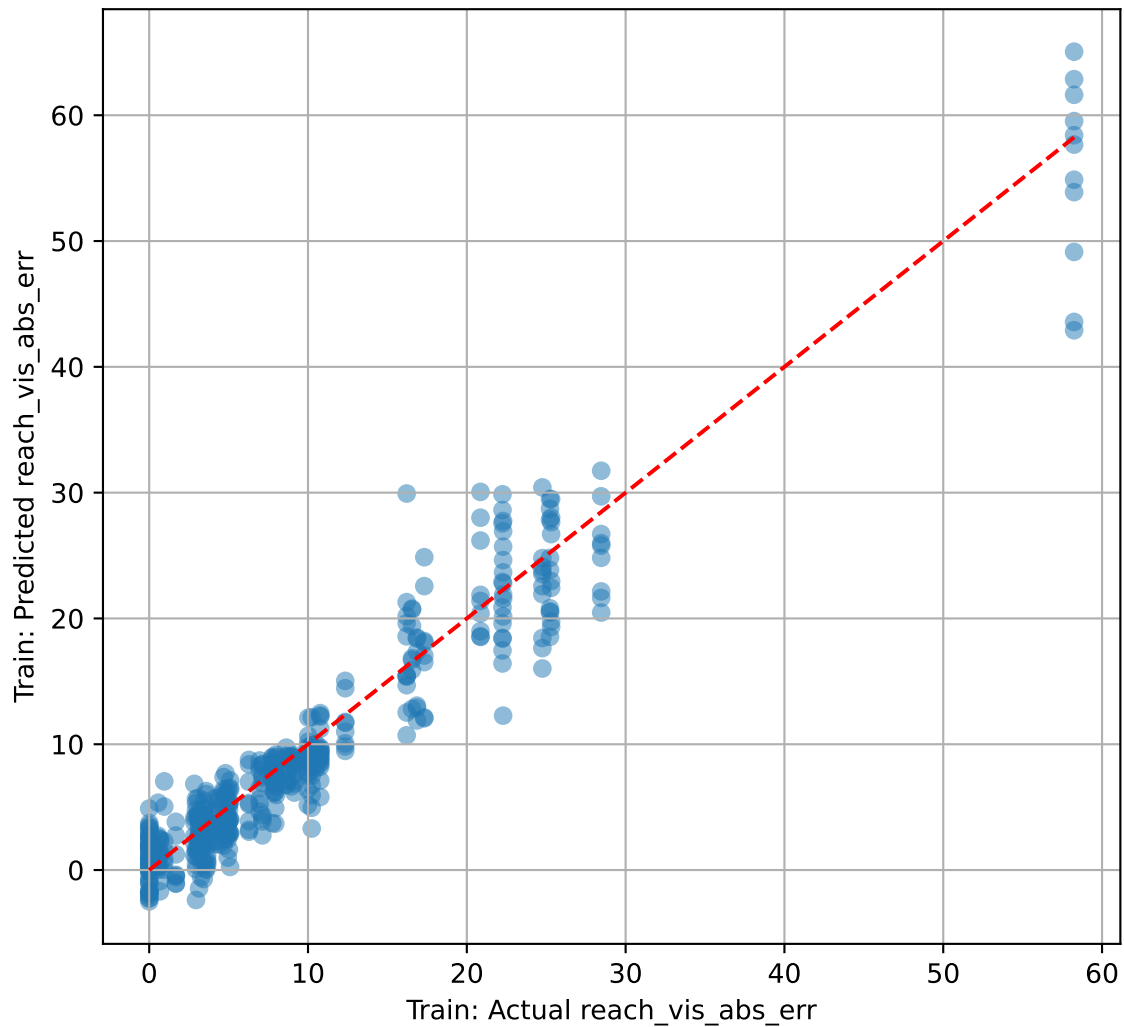


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

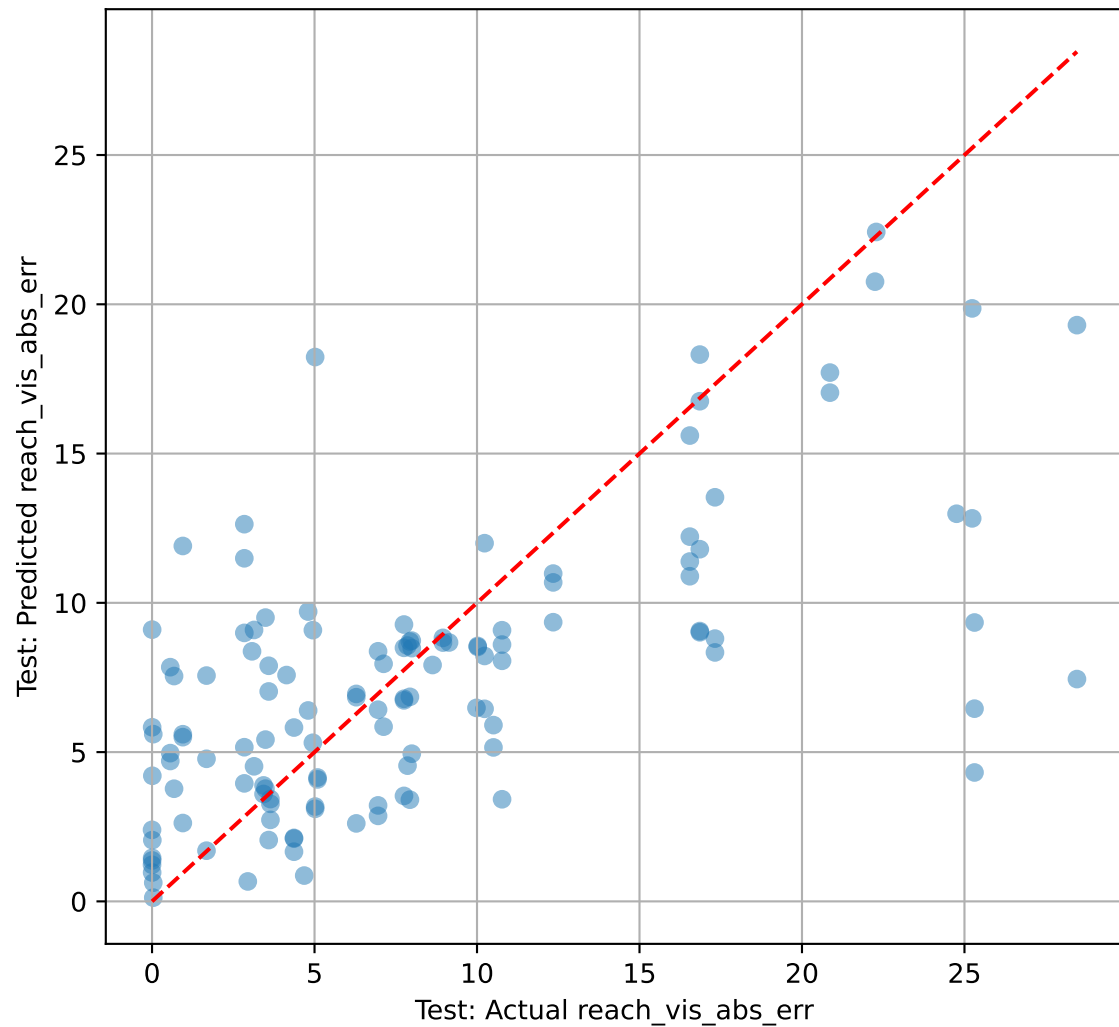


**sub-142**

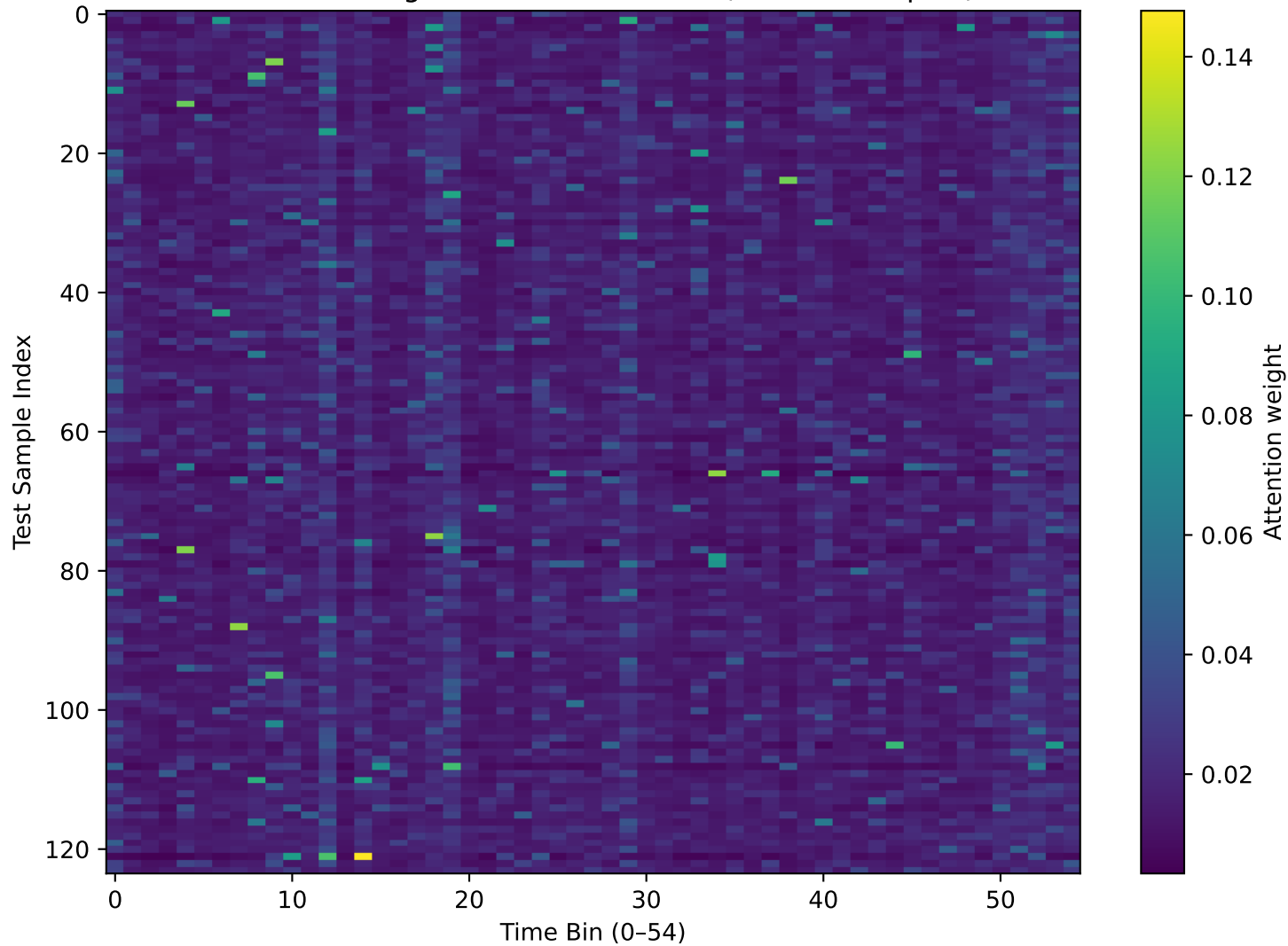
Train: Epoch 992  
MSE: 0.0792, R2: 0.9290



Val: Epoch 992  
MSE: 0.3092, R2: 0.4100

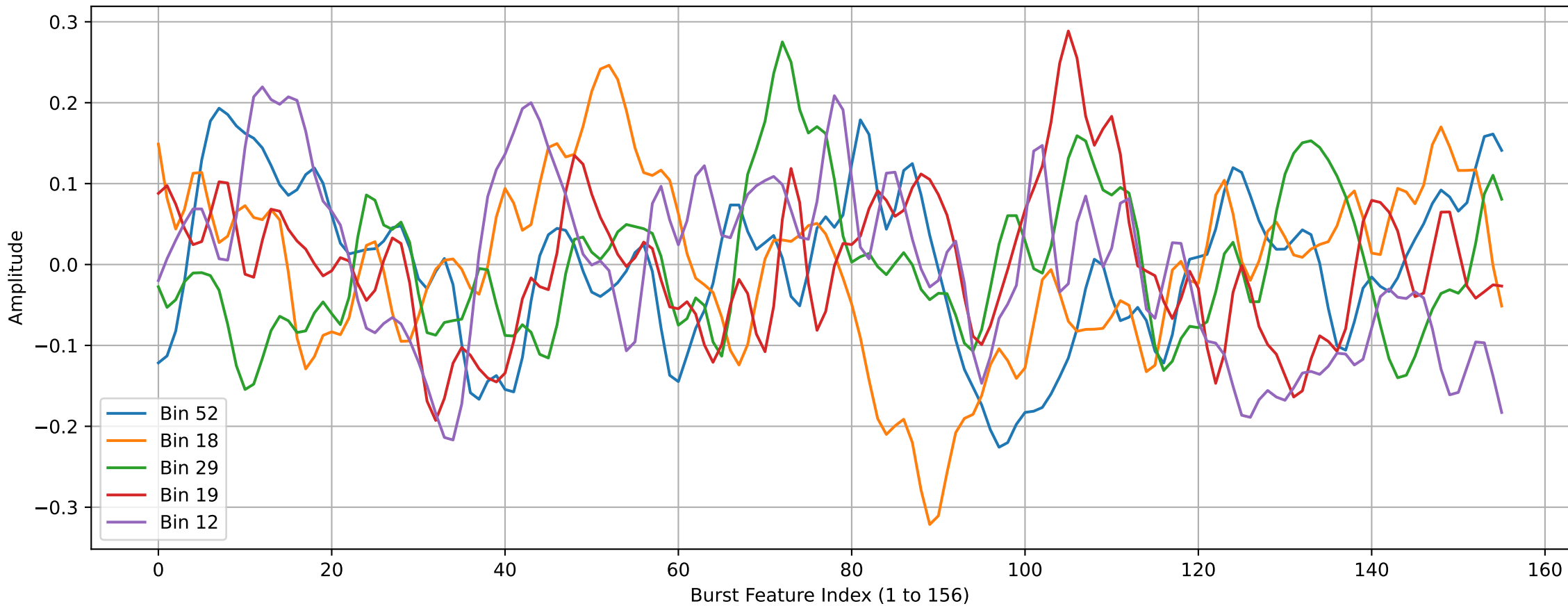


Attention Weights Across Time Bins (All Test Samples)

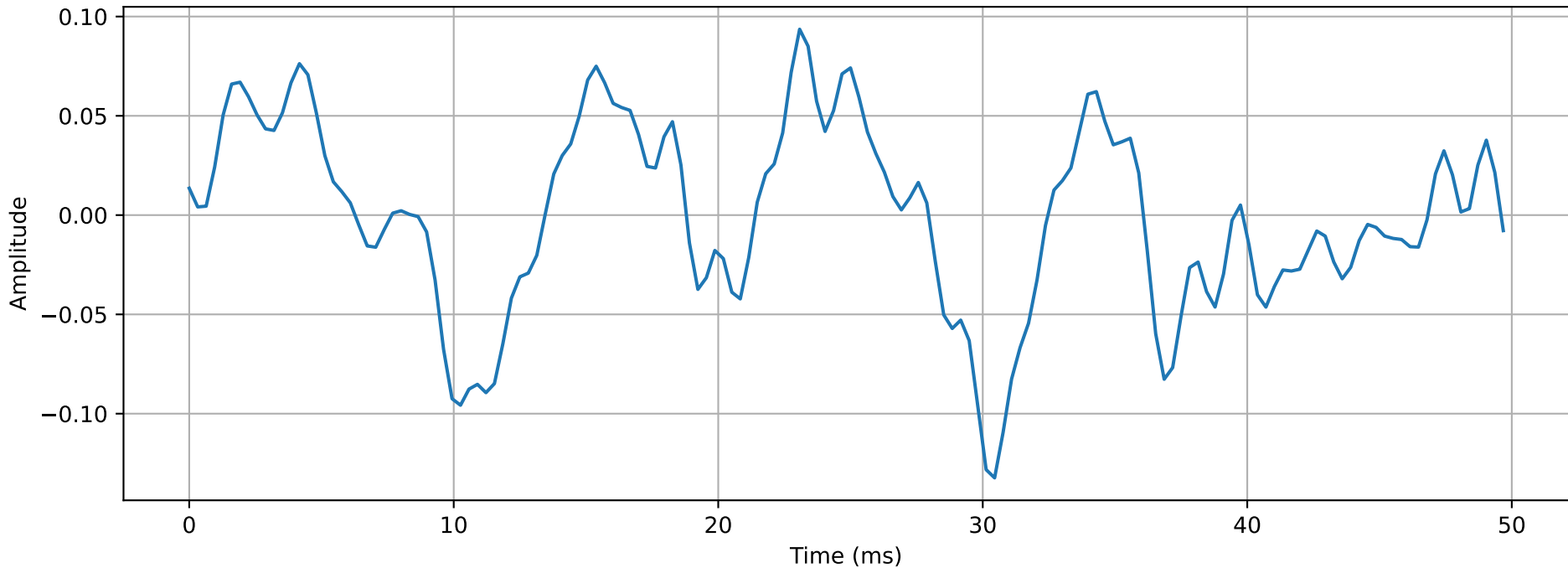




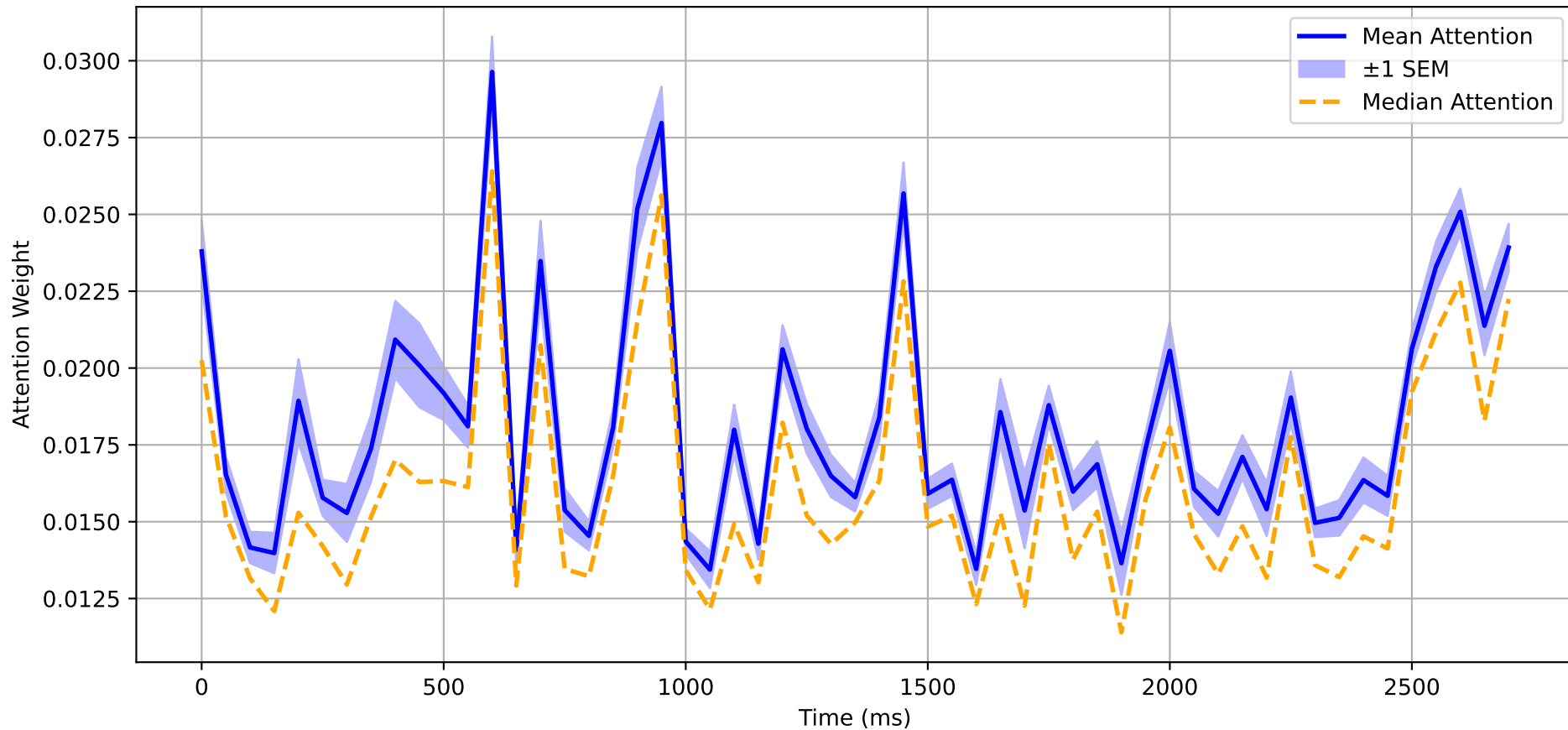
Waveform Shapes for Top Attention Bins (All Test Samples)



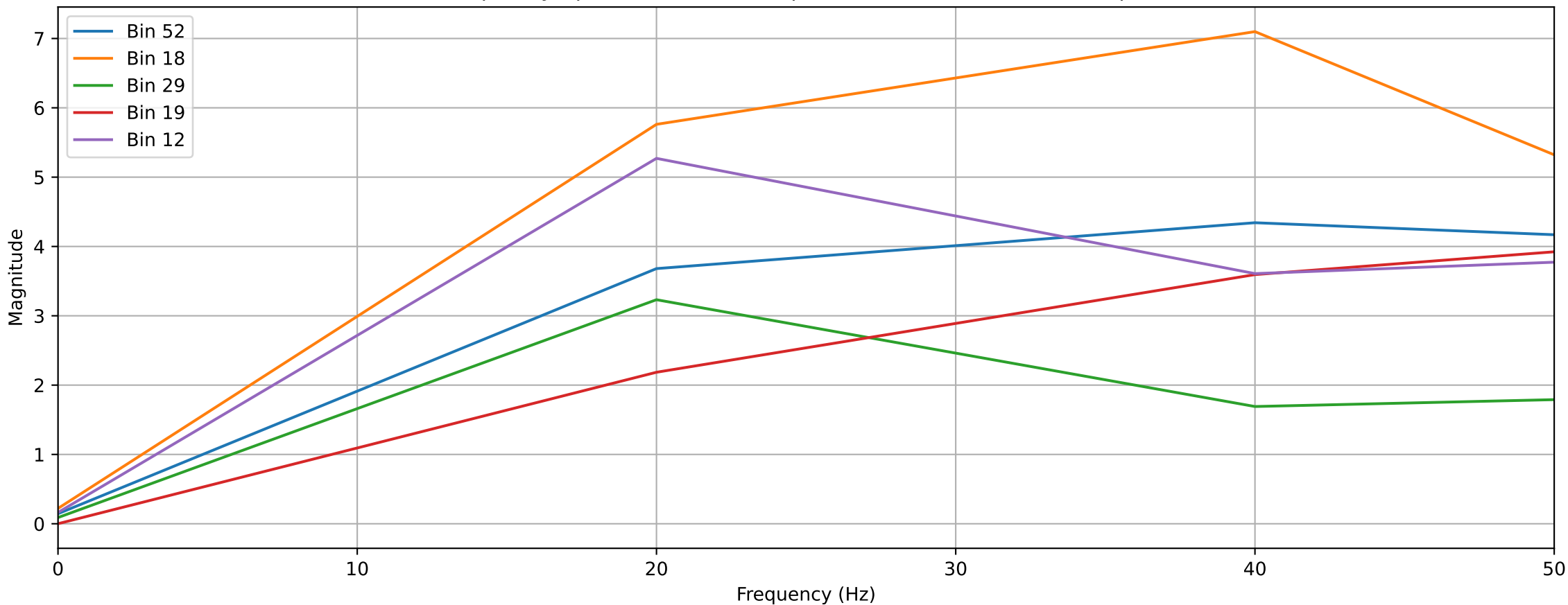
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

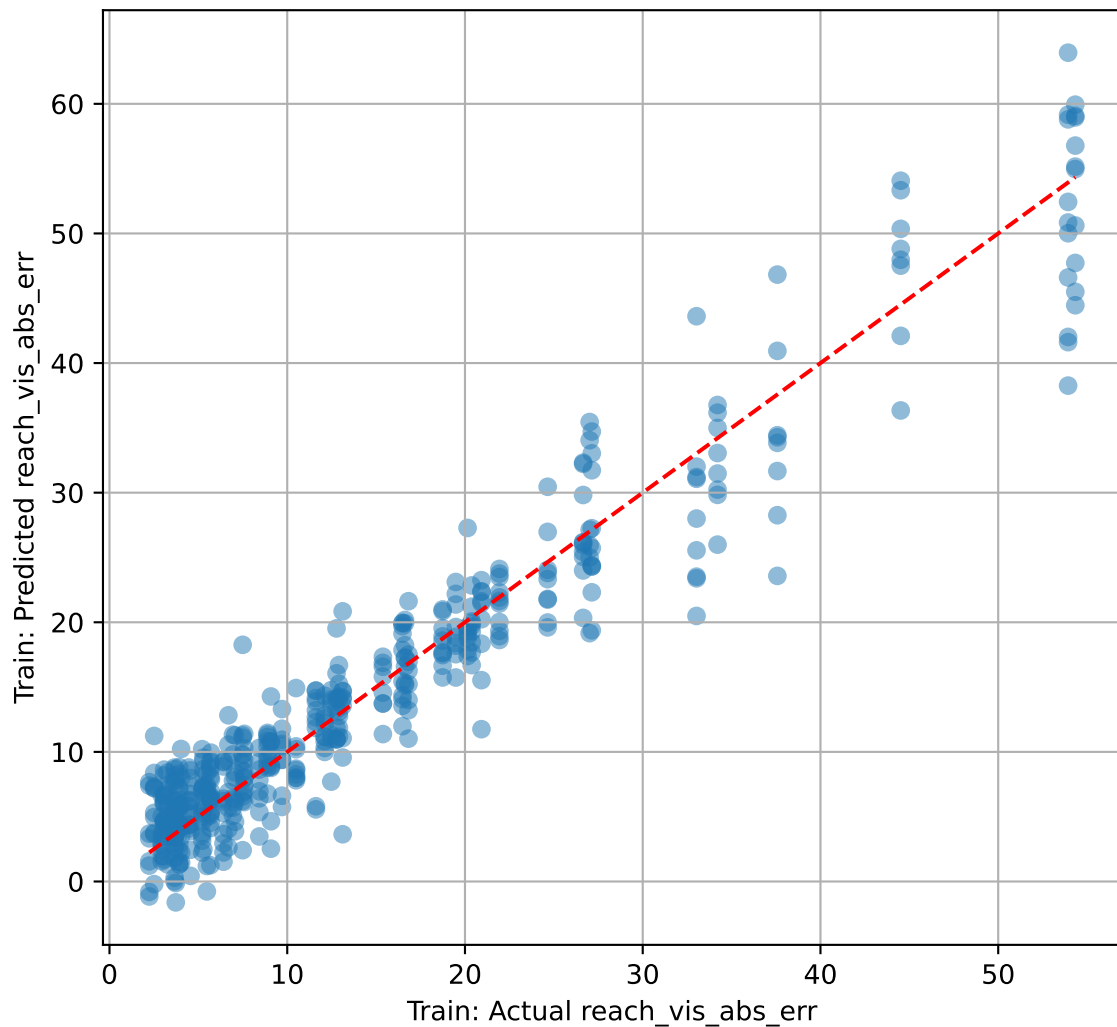


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

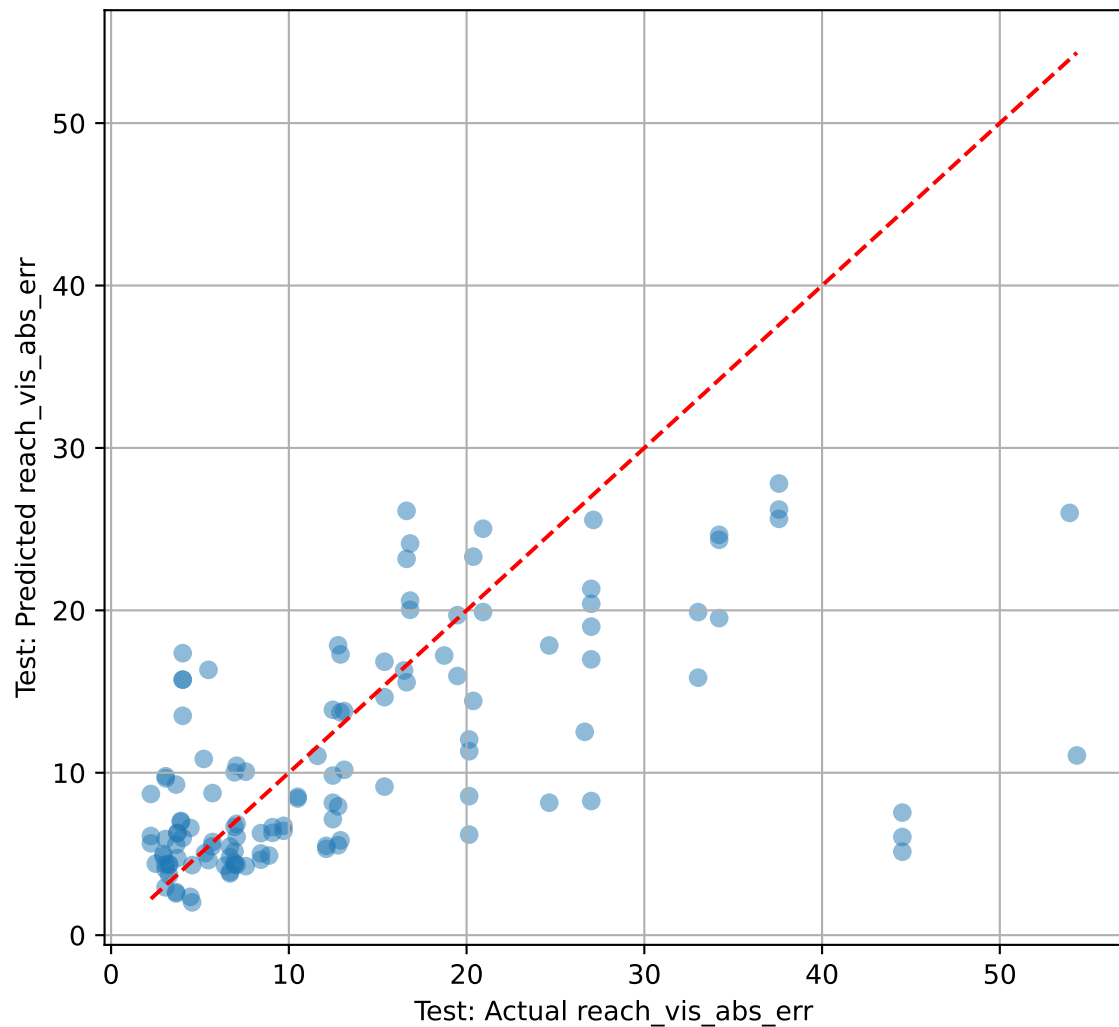


**sub-143**

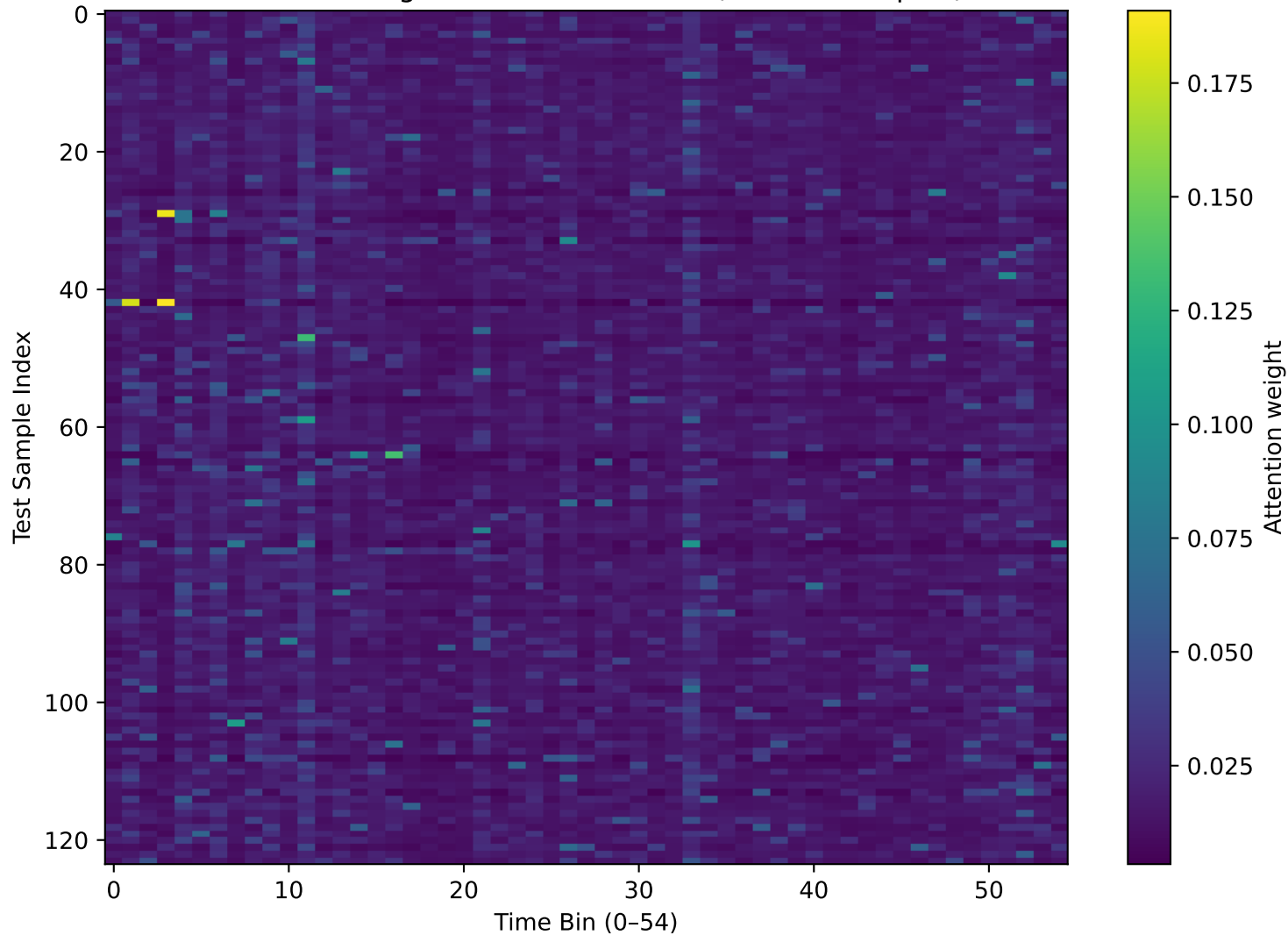
Train: Epoch 985  
MSE: 0.0810, R2: 0.9215



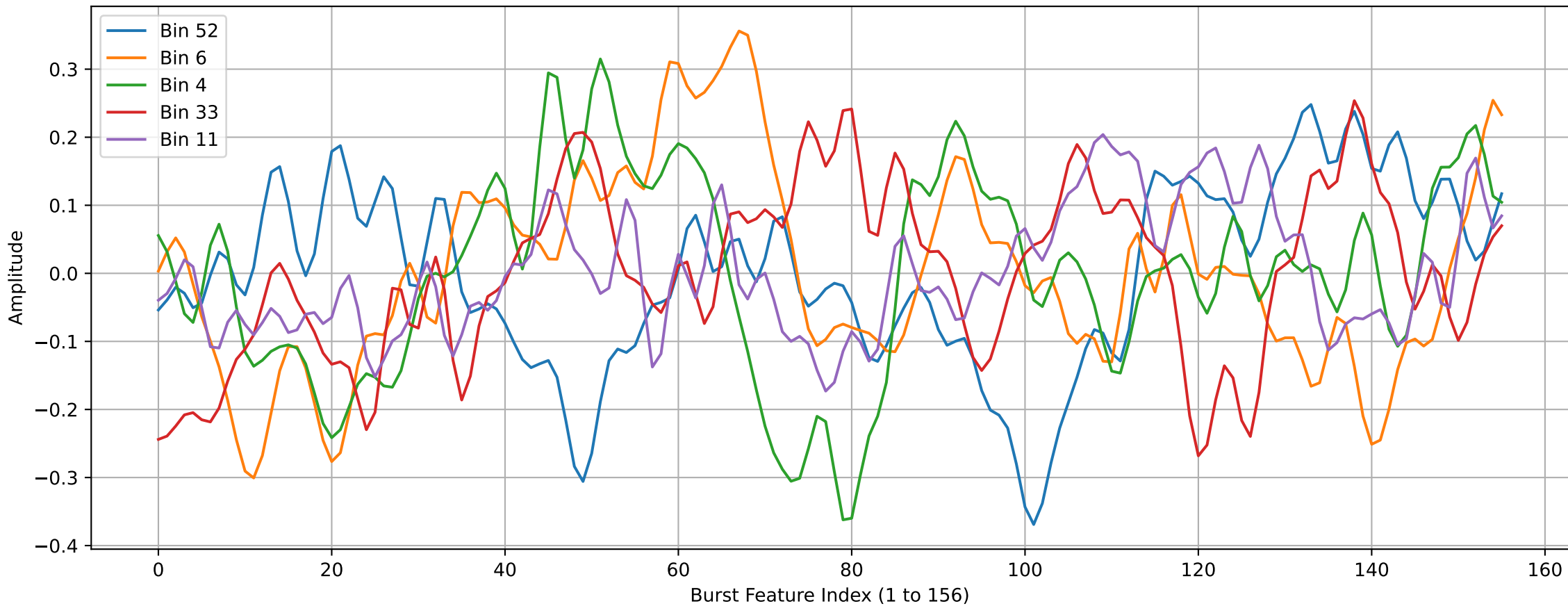
Val: Epoch 985  
MSE: 0.6070, R2: 0.3010



Attention Weights Across Time Bins (All Test Samples)

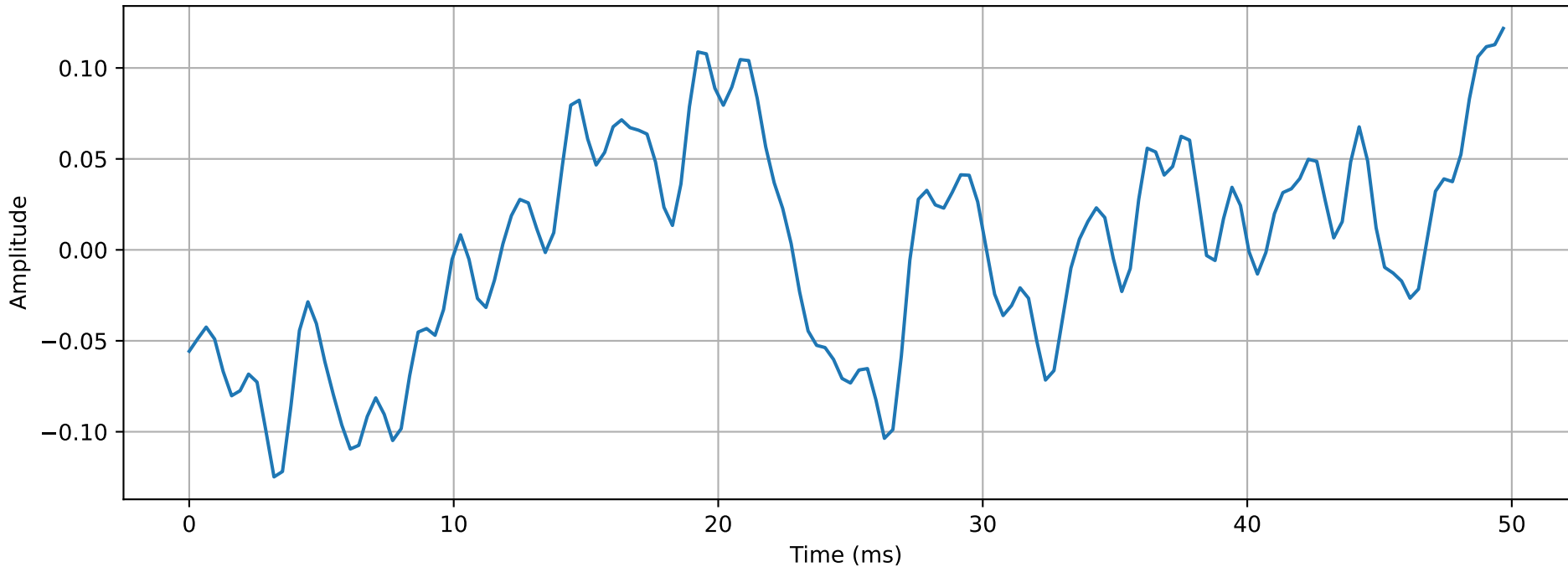


Waveform Shapes for Top Attention Bins (All Test Samples)

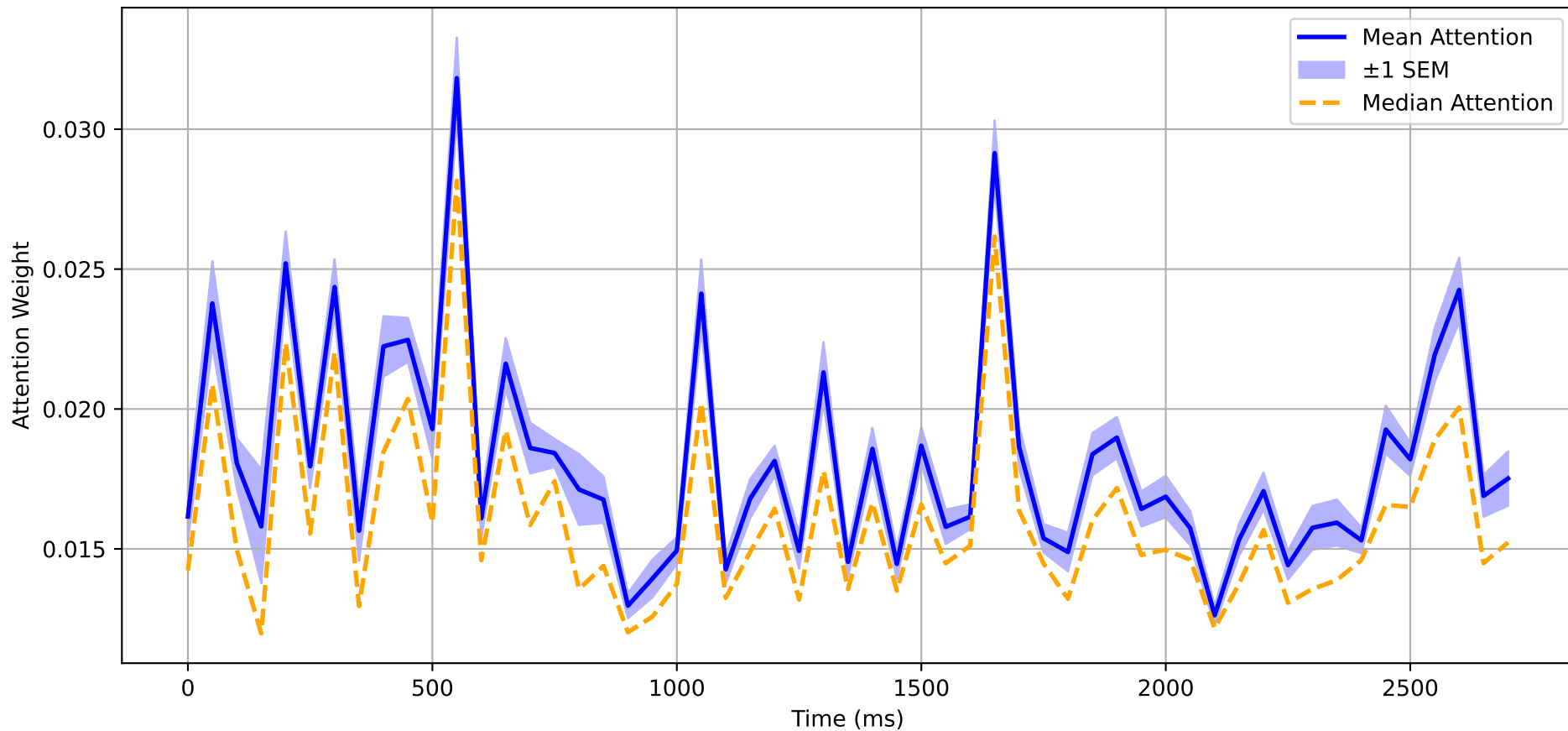




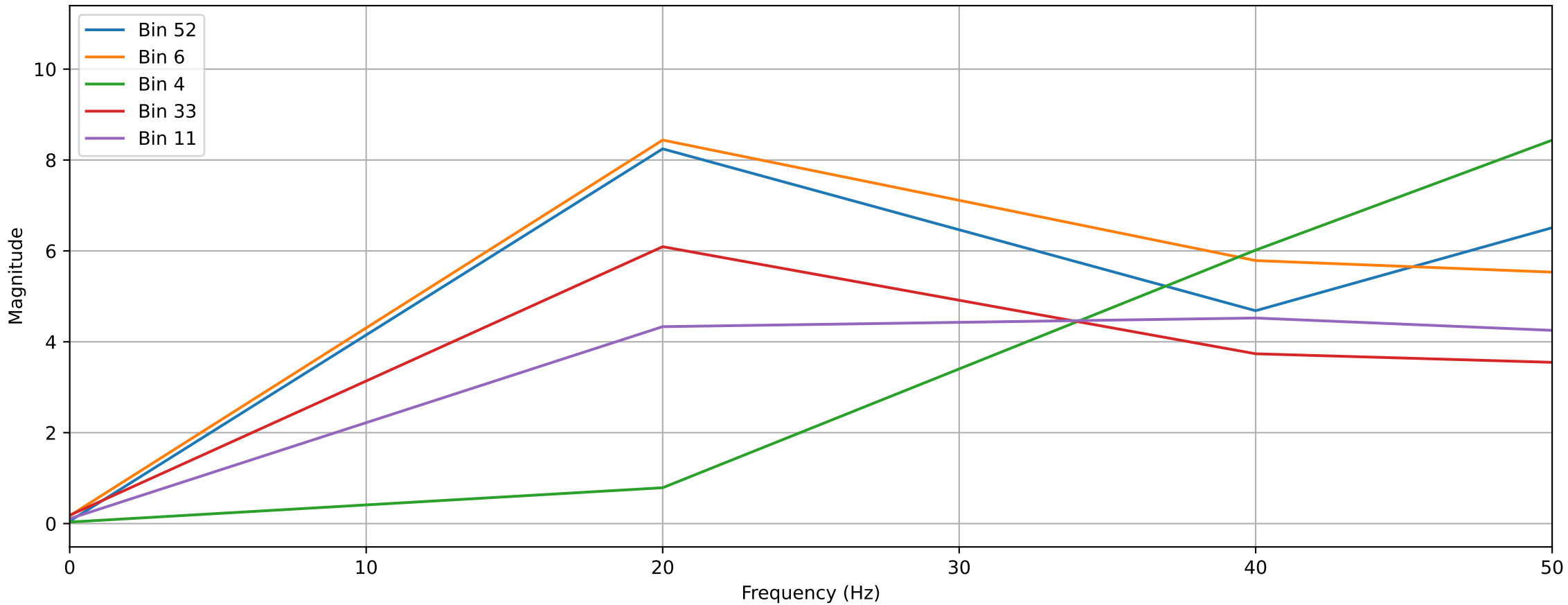
Average Burst Waveform from Top Attention Bins (All Test Samples)



Mean & Median Attention Weights  $\pm$  SEM (This Subject)

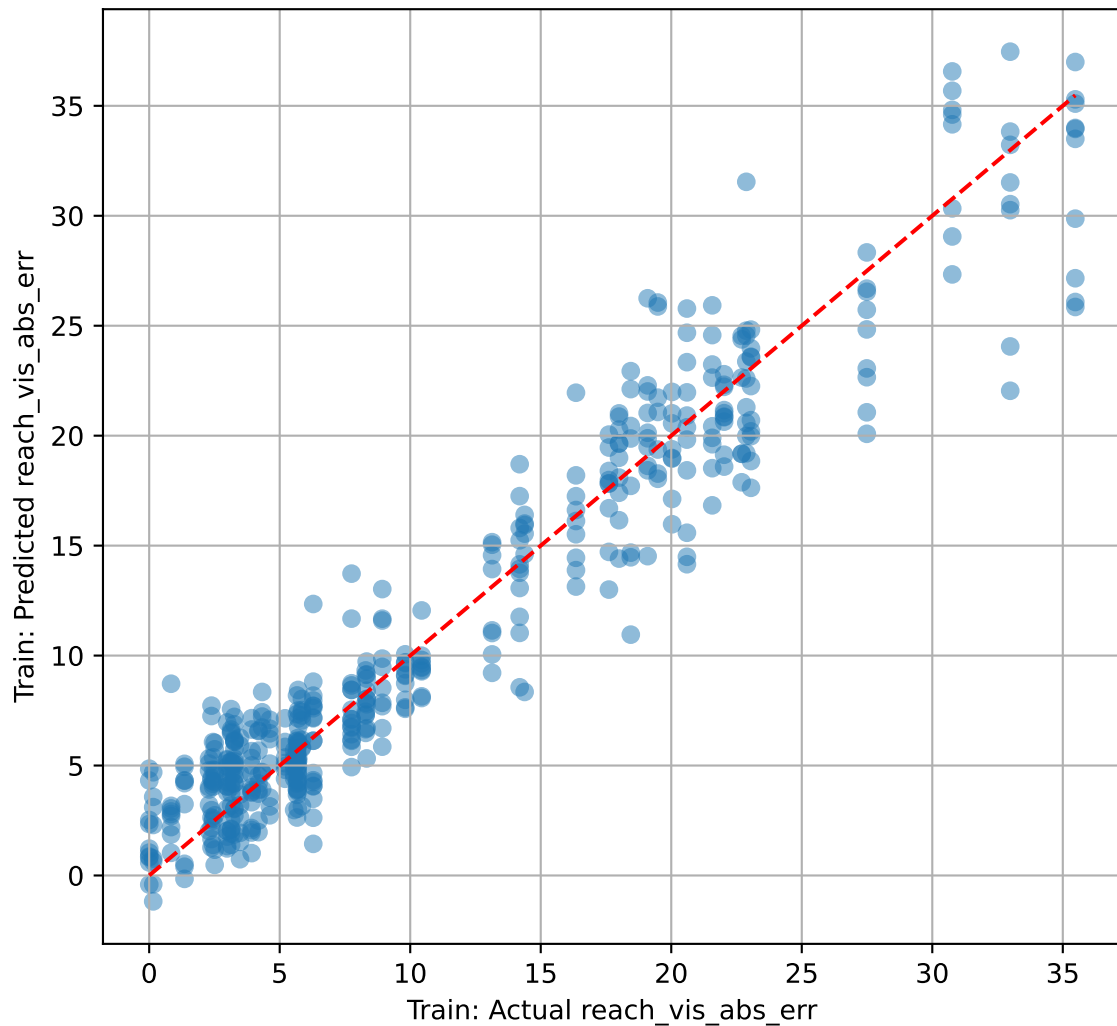


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

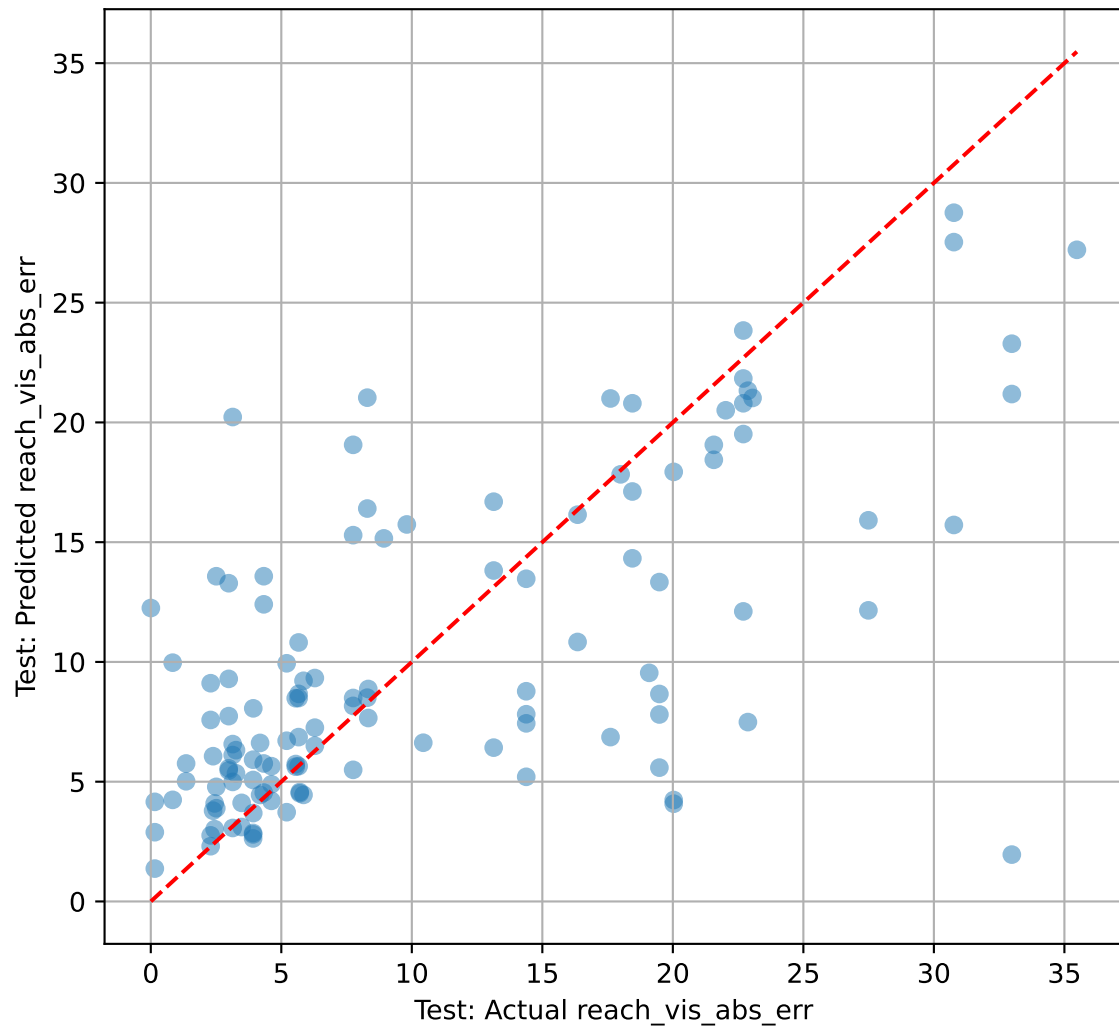


**sub-144**

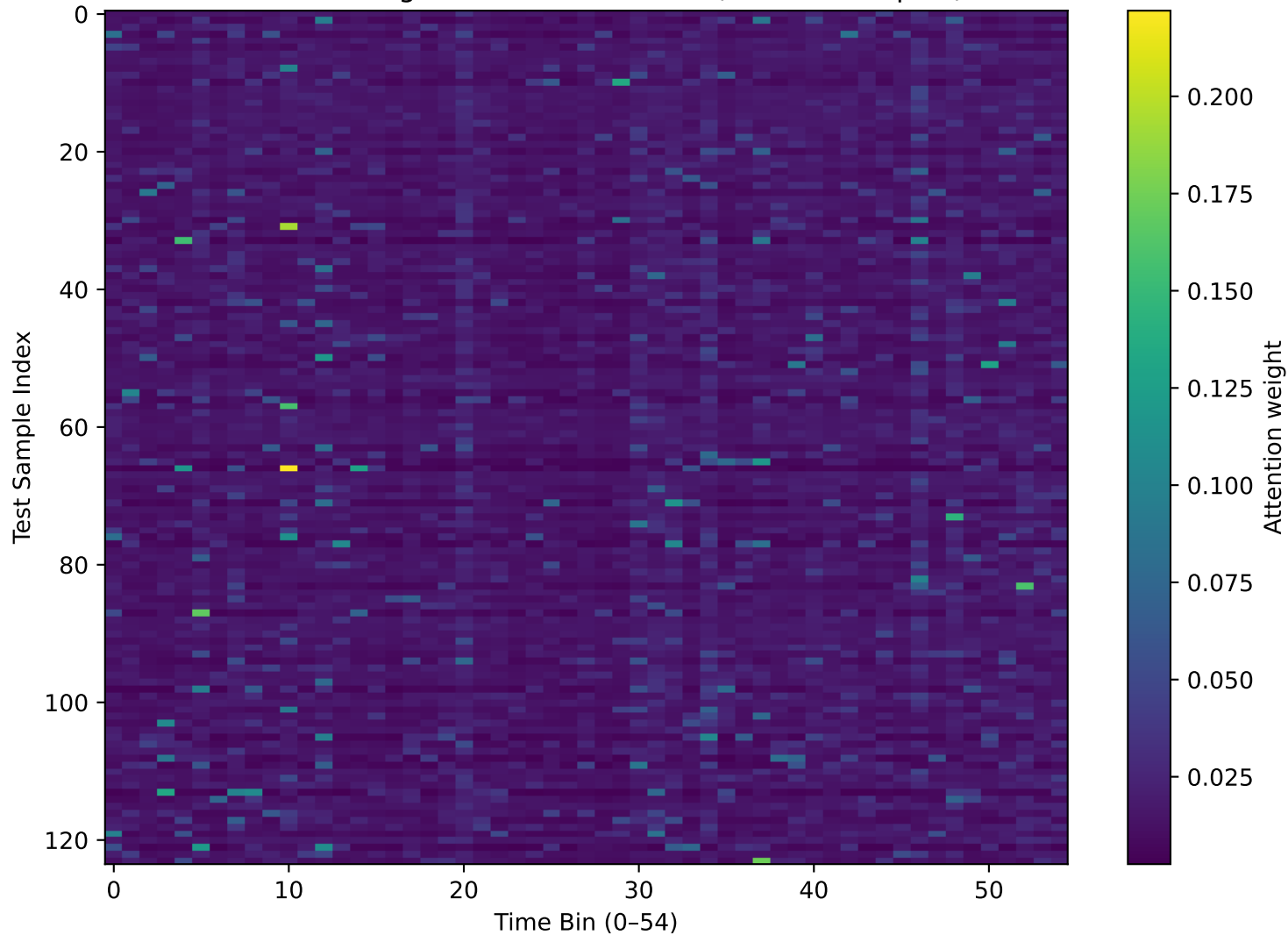
Train: Epoch 934  
MSE: 0.0790, R2: 0.9211



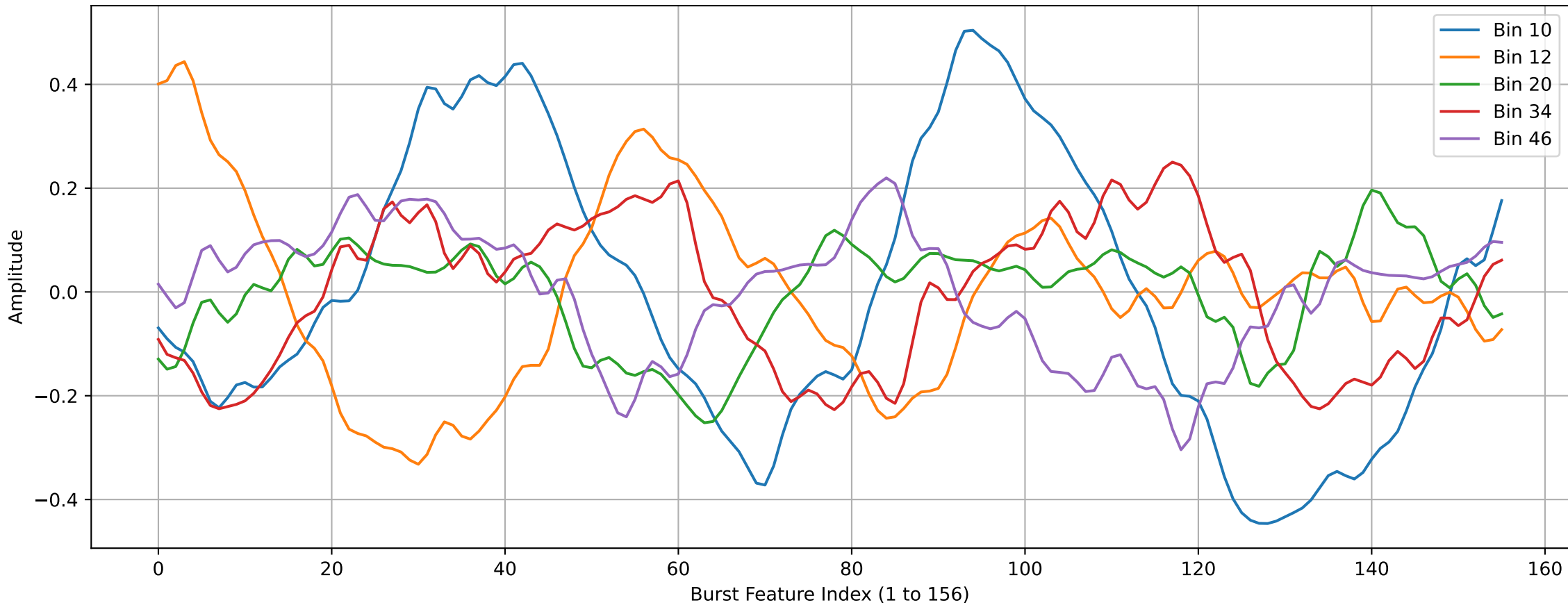
Val: Epoch 934  
MSE: 0.5545, R2: 0.4421



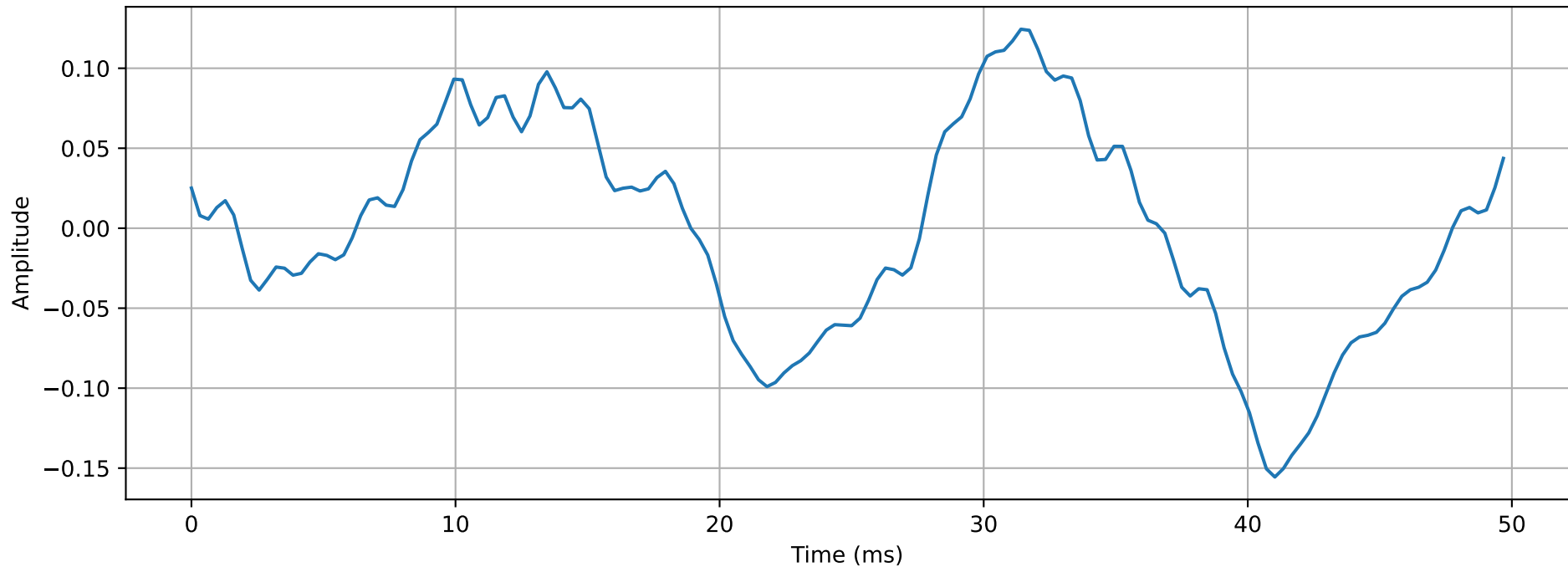
Attention Weights Across Time Bins (All Test Samples)



Waveform Shapes for Top Attention Bins (All Test Samples)

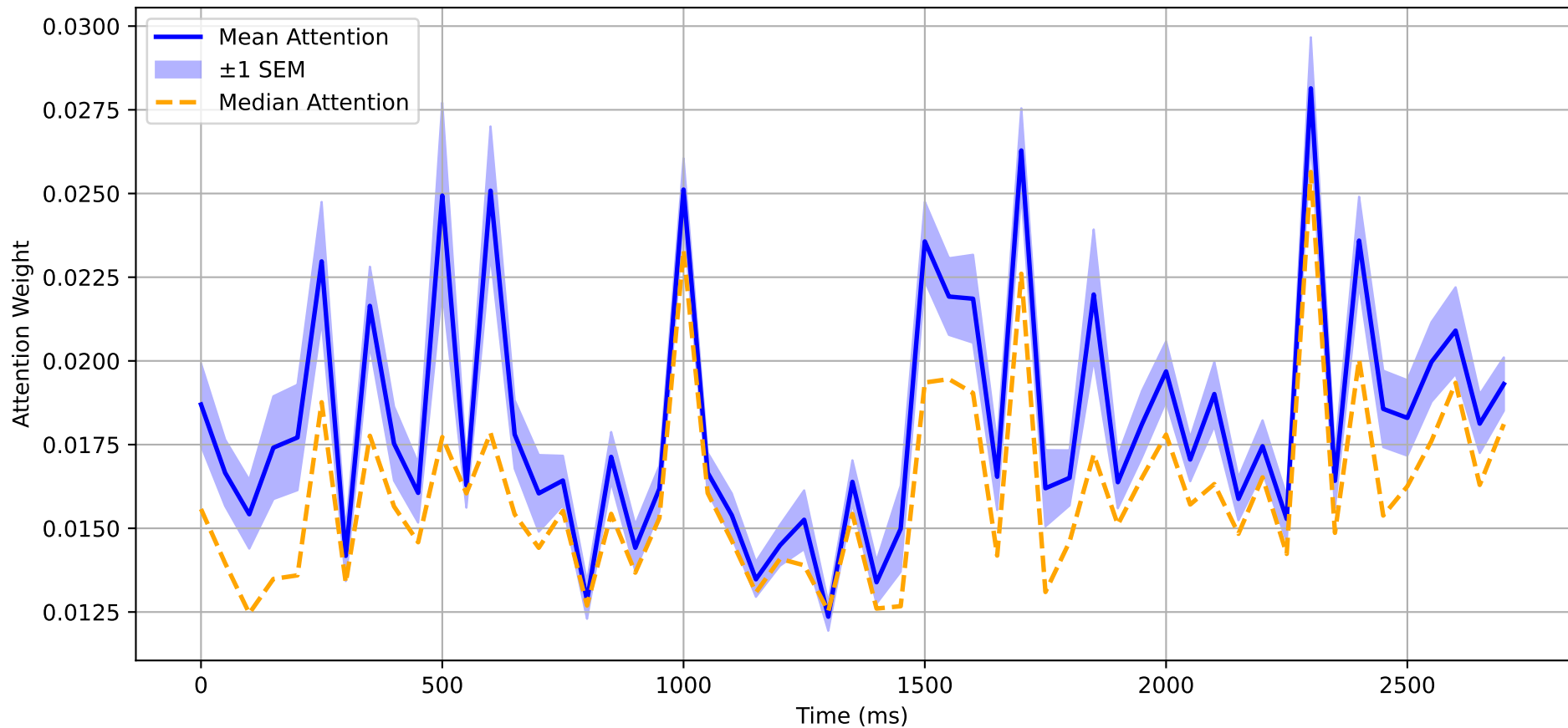


Average Burst Waveform from Top Attention Bins (All Test Samples)

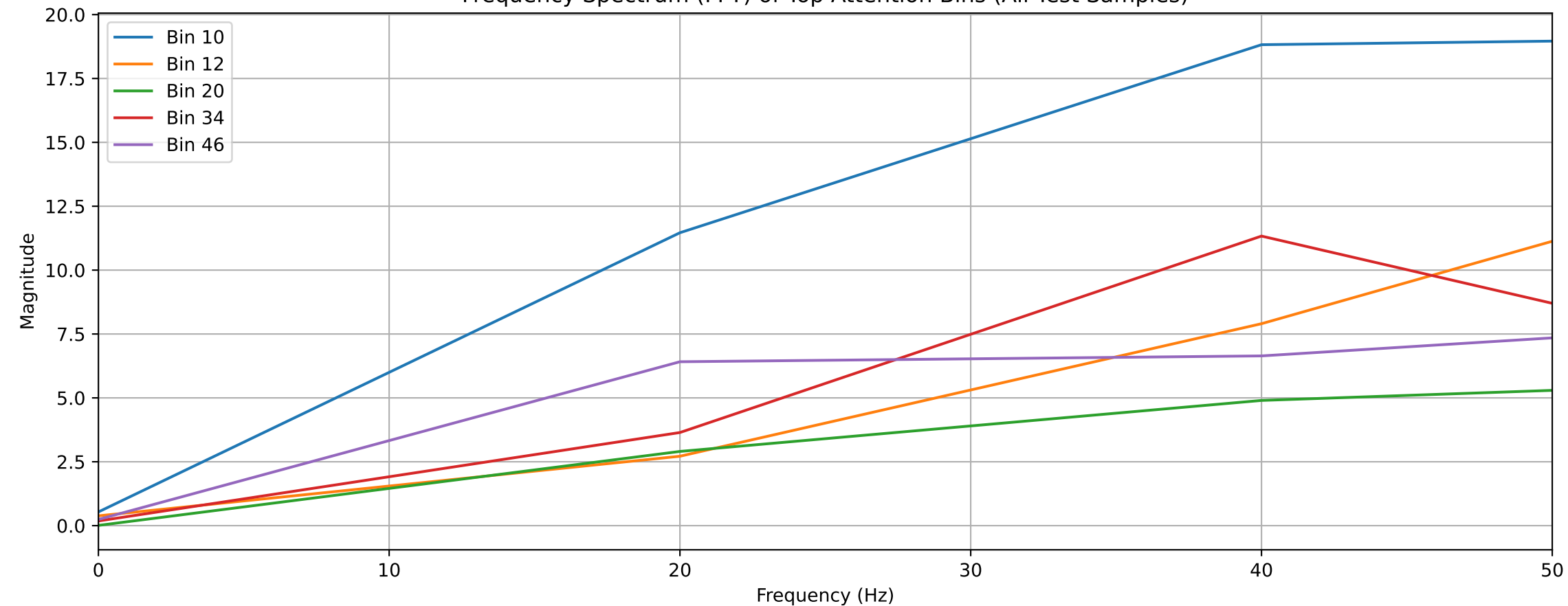




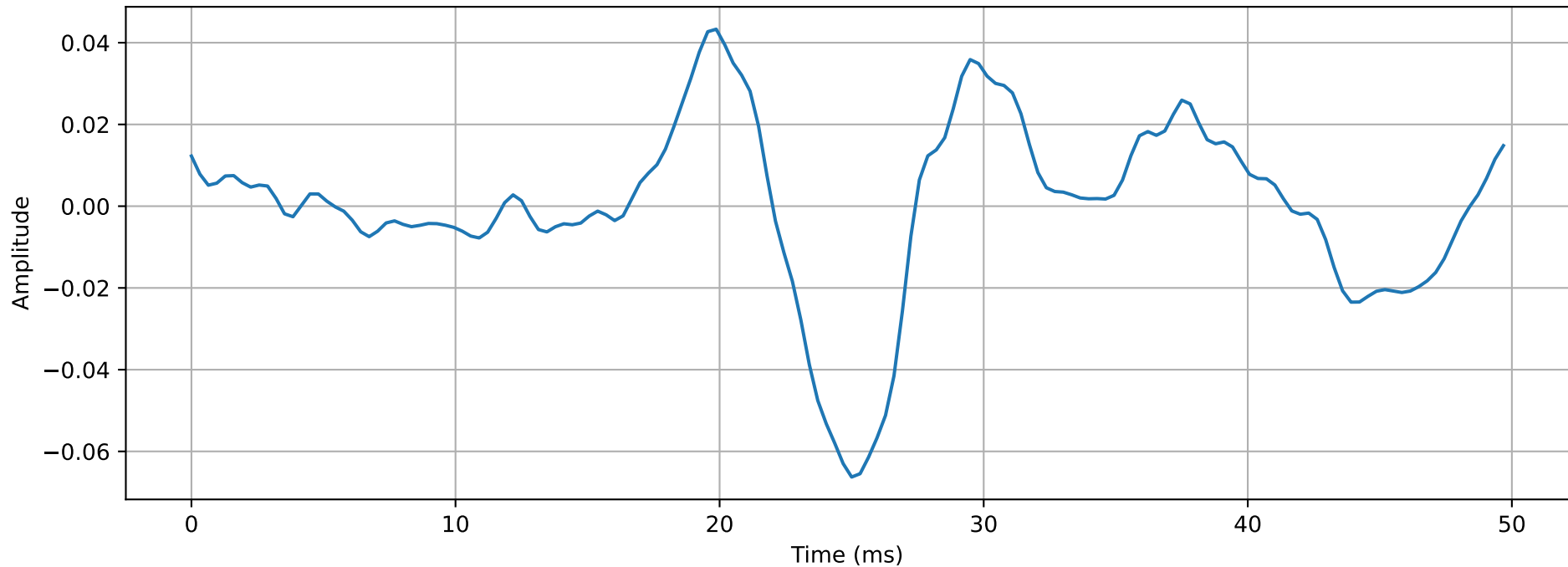
Mean & Median Attention Weights  $\pm$  SEM (This Subject)



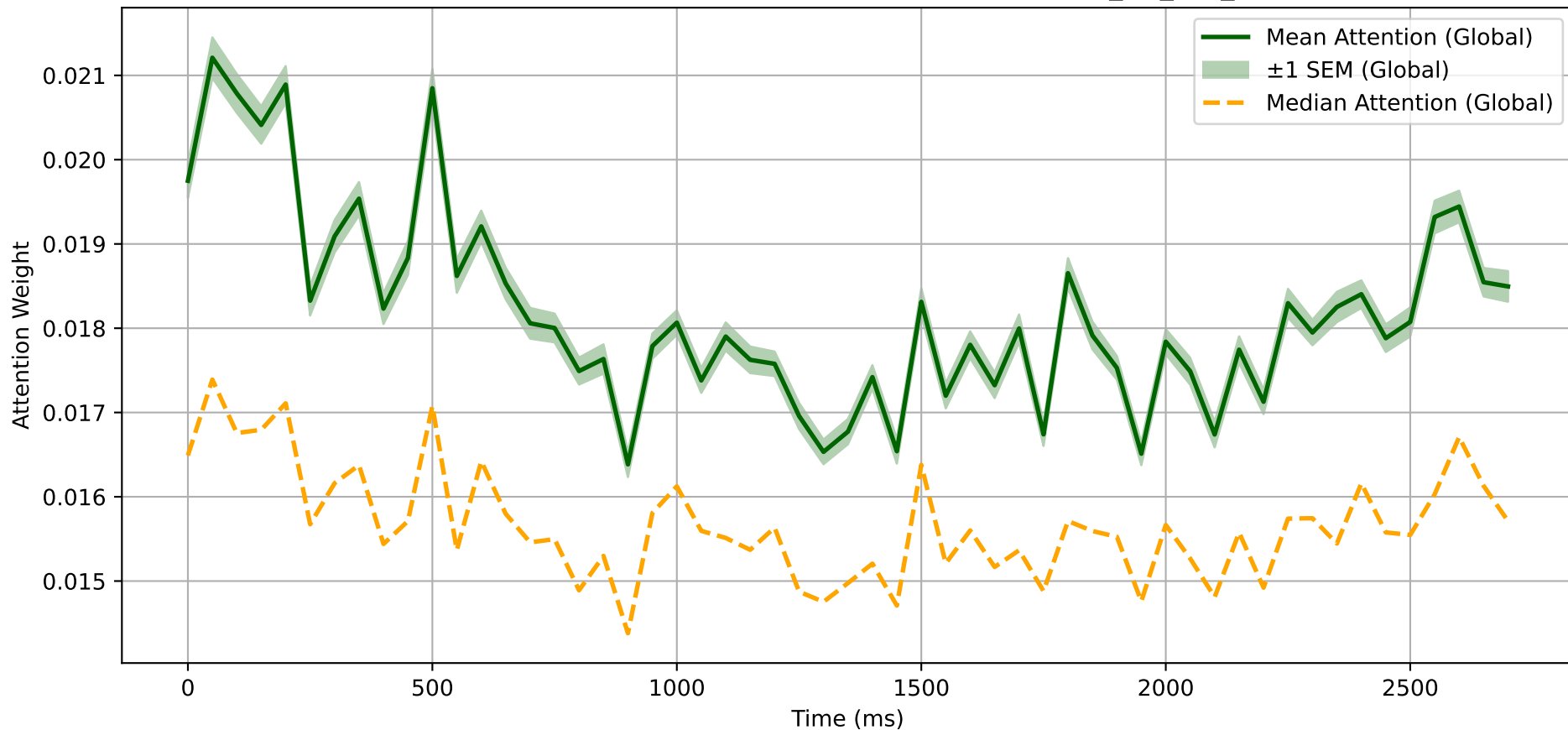
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



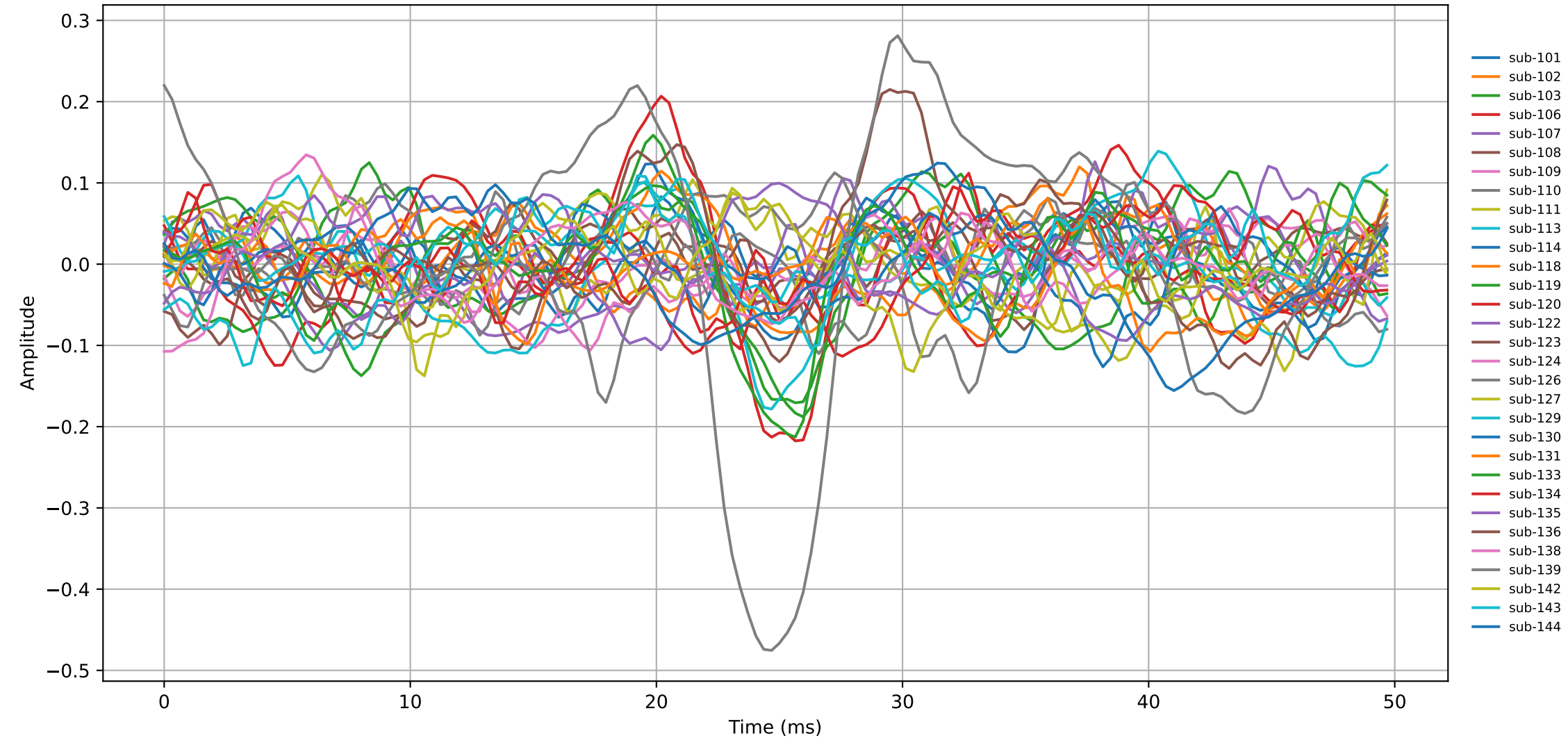
Global Average Burst Waveform — reach\_vis\_abs\_err



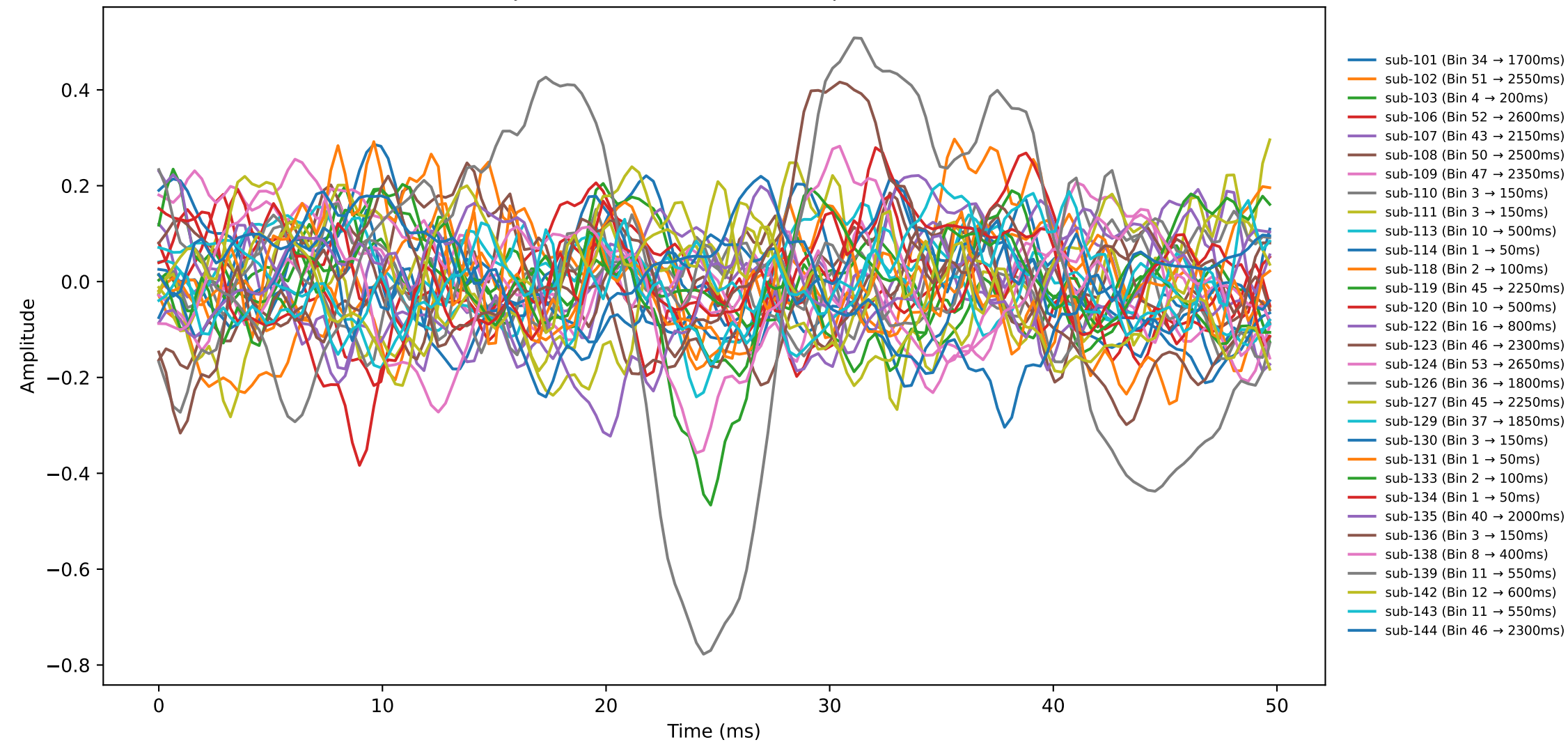
Global Attention Weights  $\pm$  SEM & Median — reach\_vis\_abs\_err



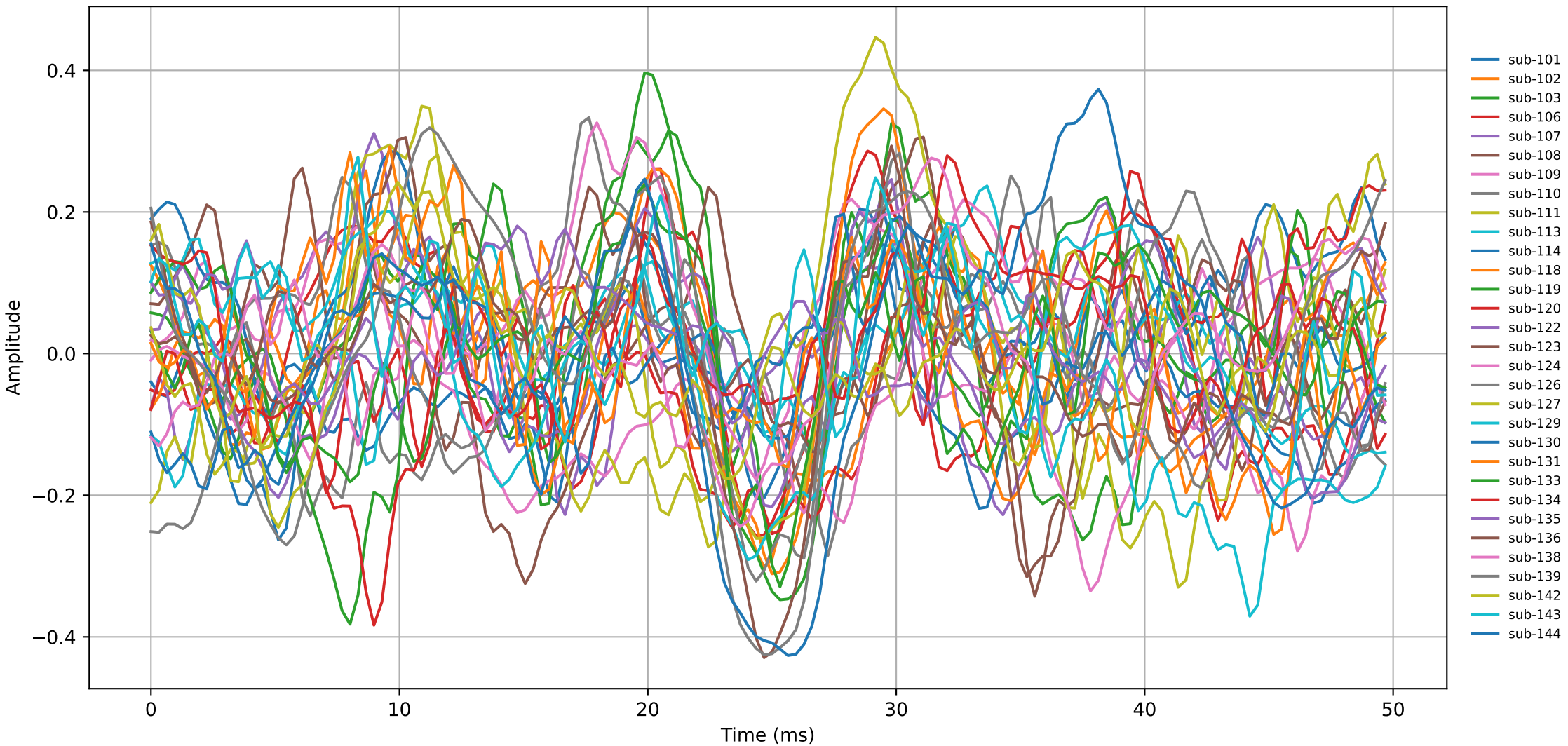
Per-Subject Burst Waveforms (avg waveform across top 5 att. bins) — reach\_vis\_abs\_err



Per-Subject Burst Waveform from Top Attention Bin



Per-Subject Waveform from Global Top Attention Bin 1 (50–100 ms)





Per-Subject Attention Weights — reach\_vis\_abs\_err

