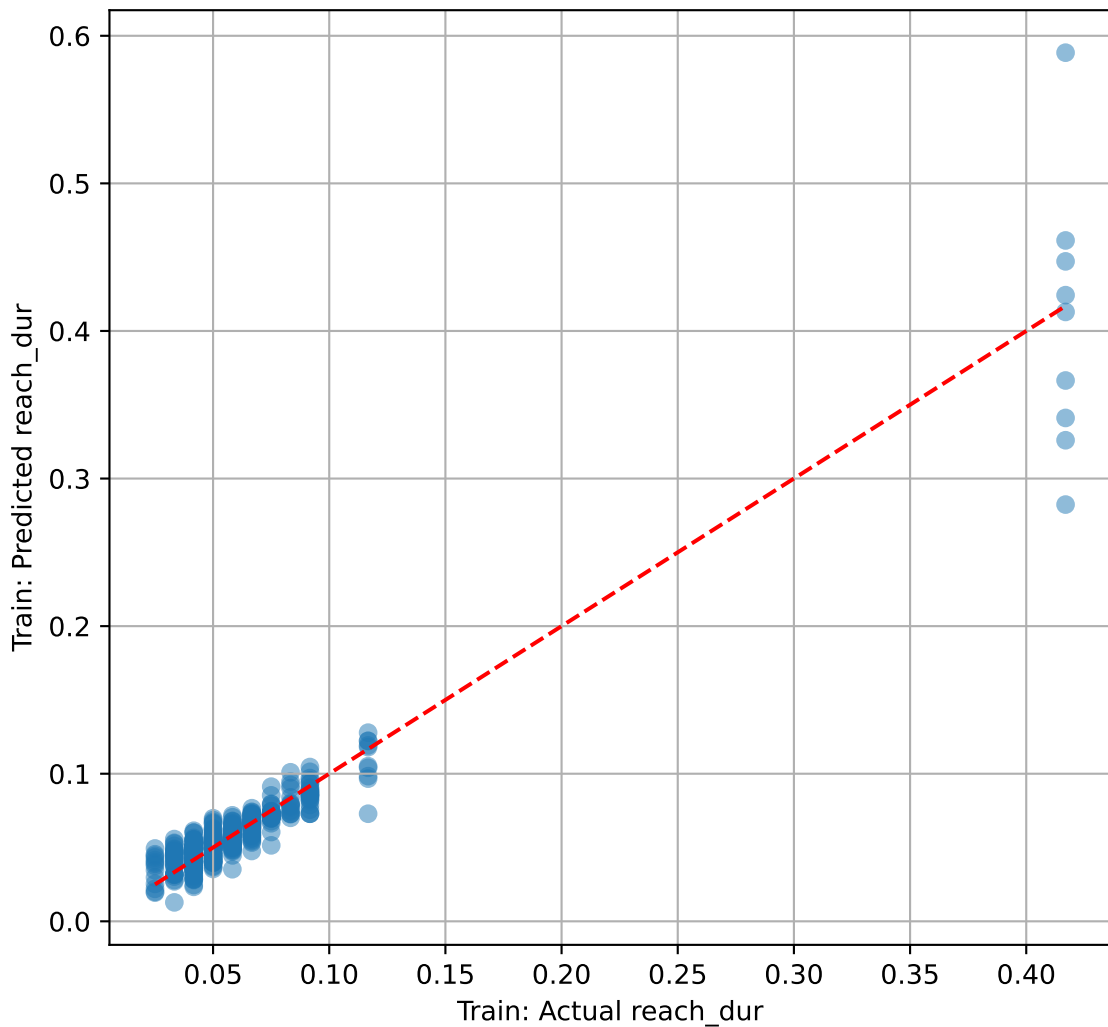


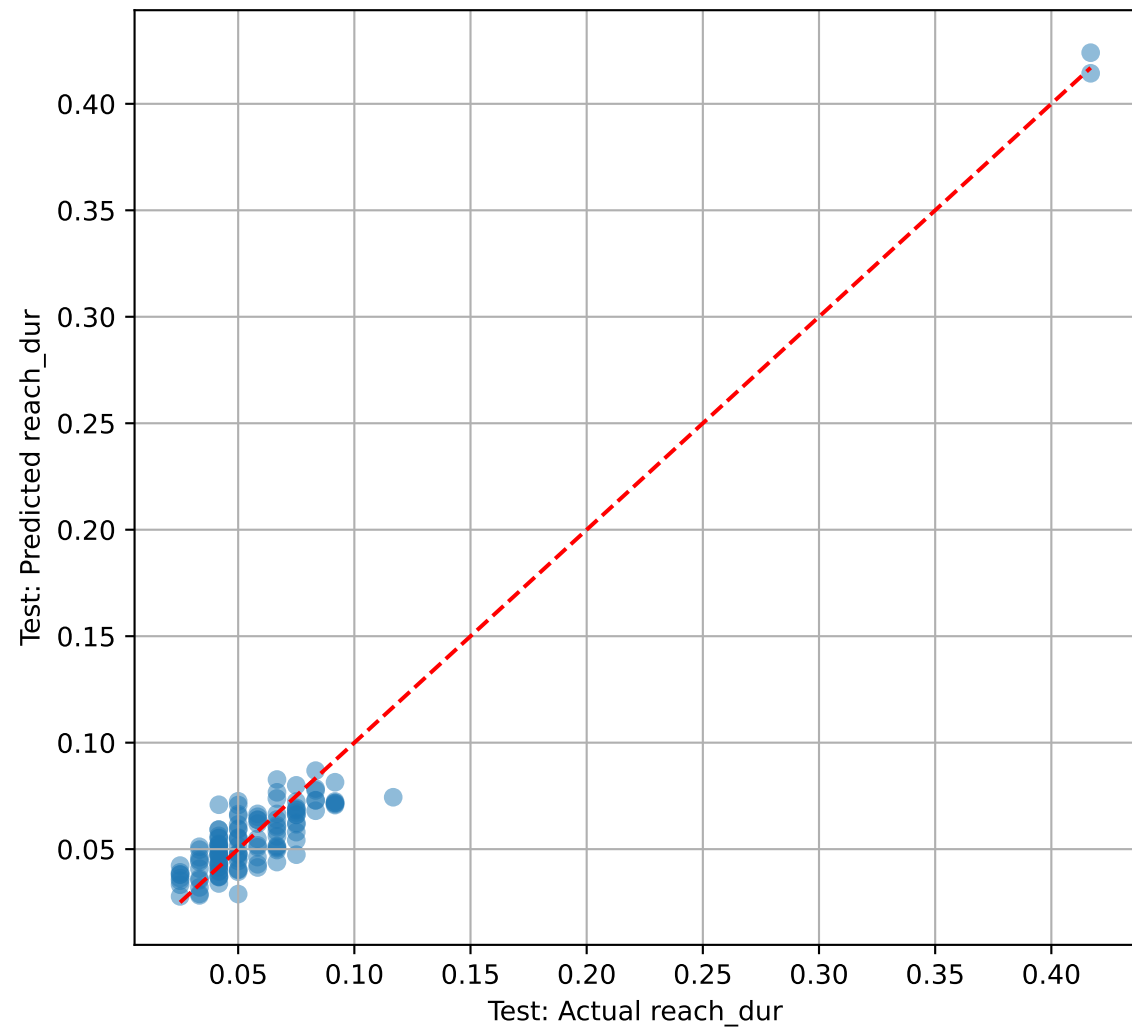
**reach\_dur**

**sub-101**

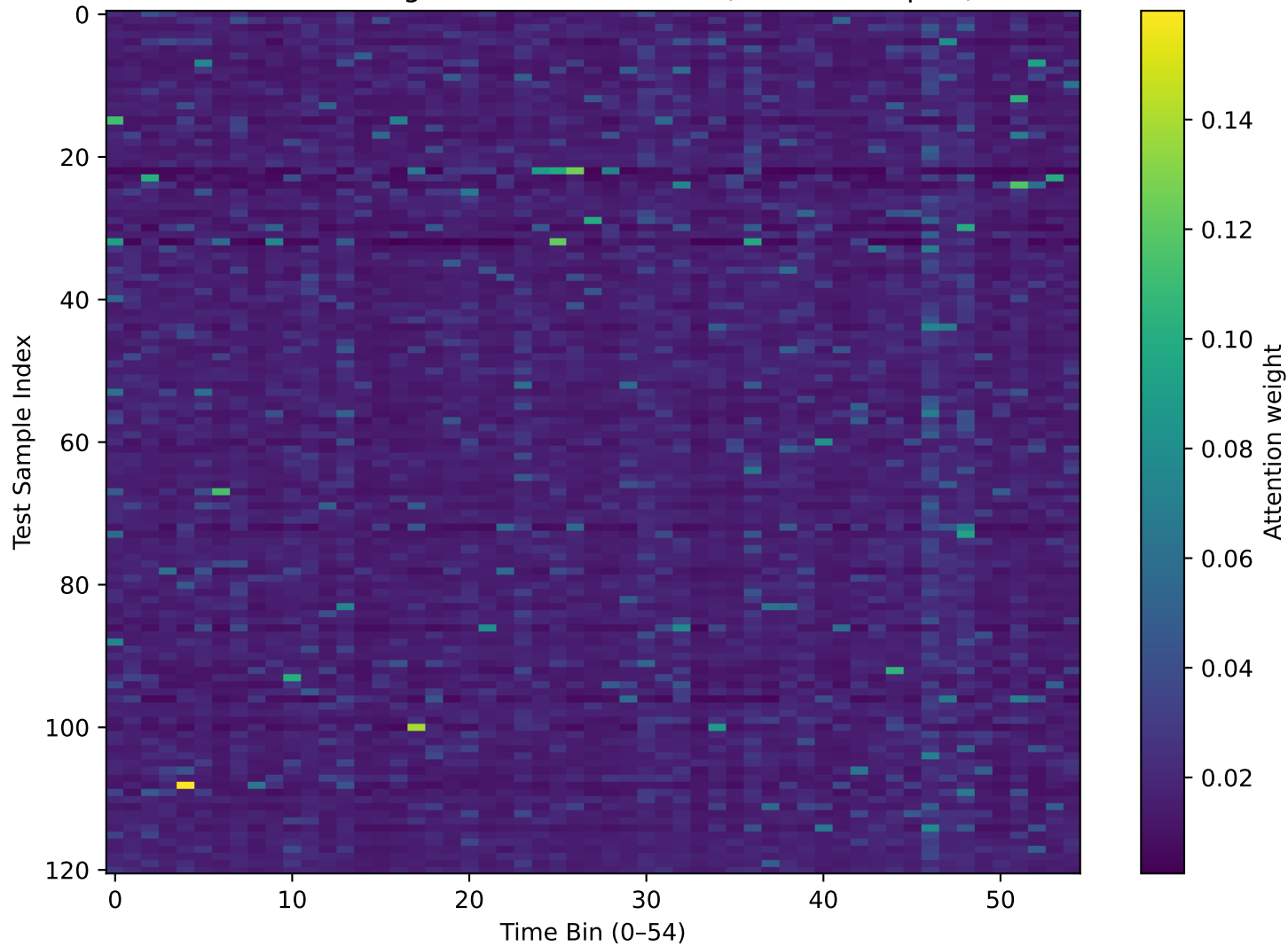
Train: Epoch 997  
MSE: 0.0778, R2: 0.9234



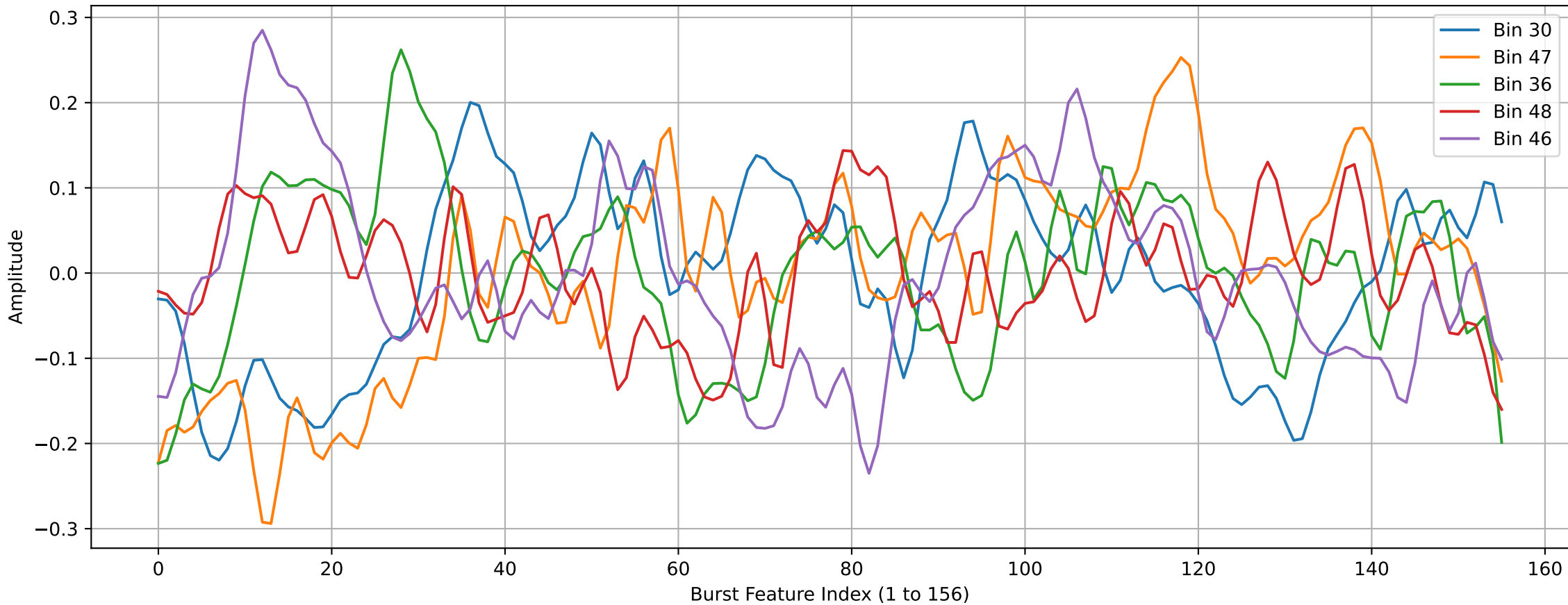
Val: Epoch 997  
MSE: 0.0552, R2: 0.9409



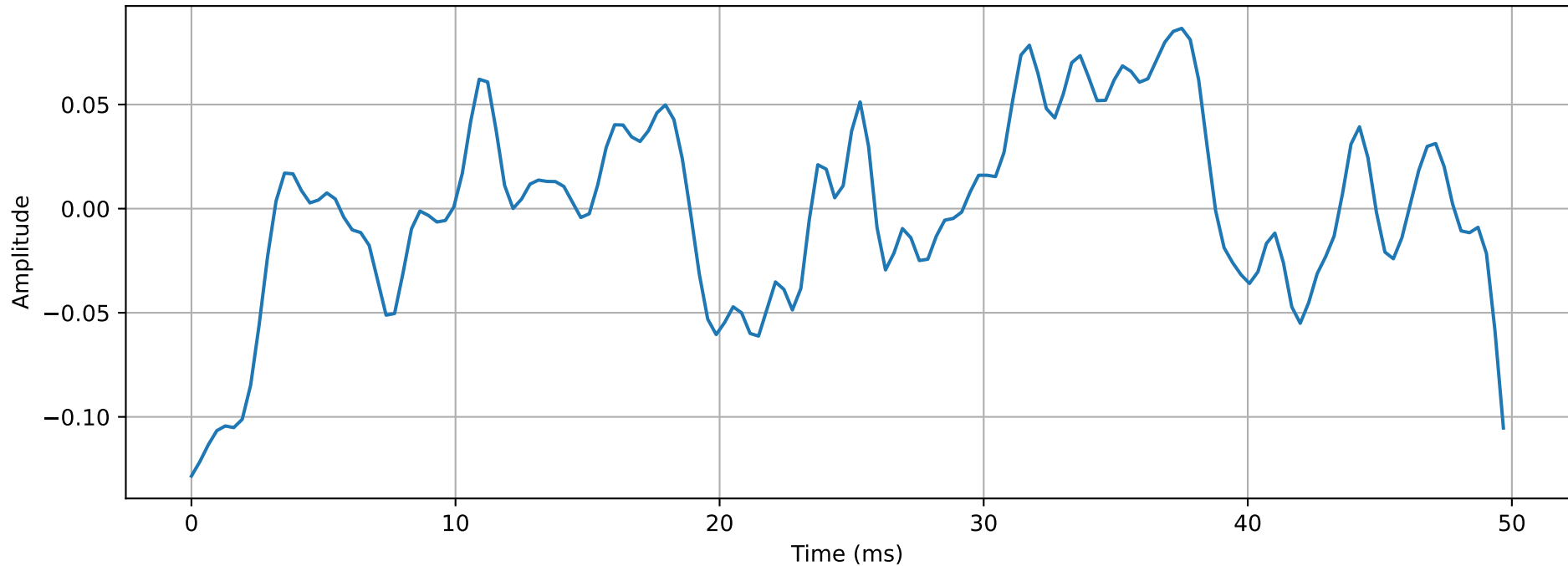
Attention Weights Across Time Bins (All Test Samples)



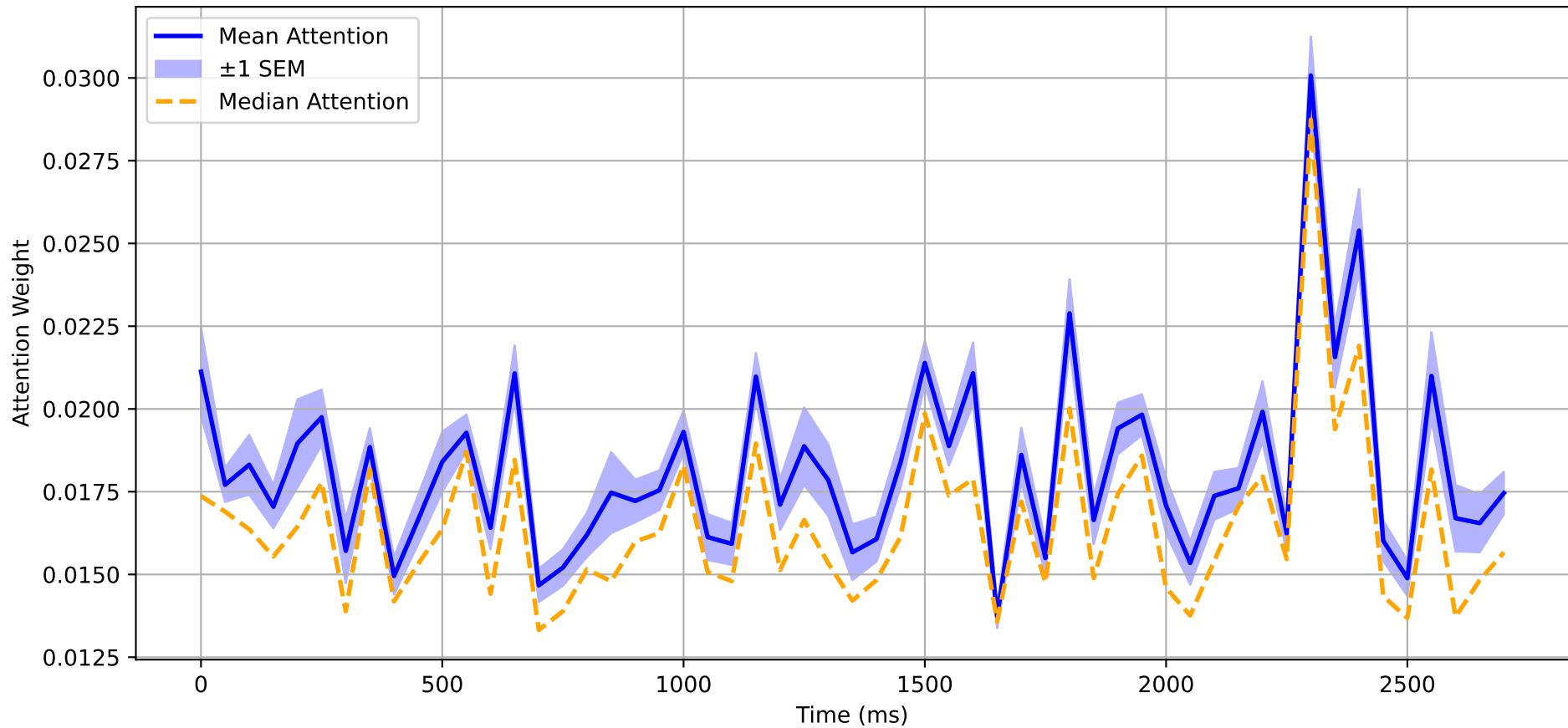
Waveform Shapes for Top Attention Bins (All Test Samples)



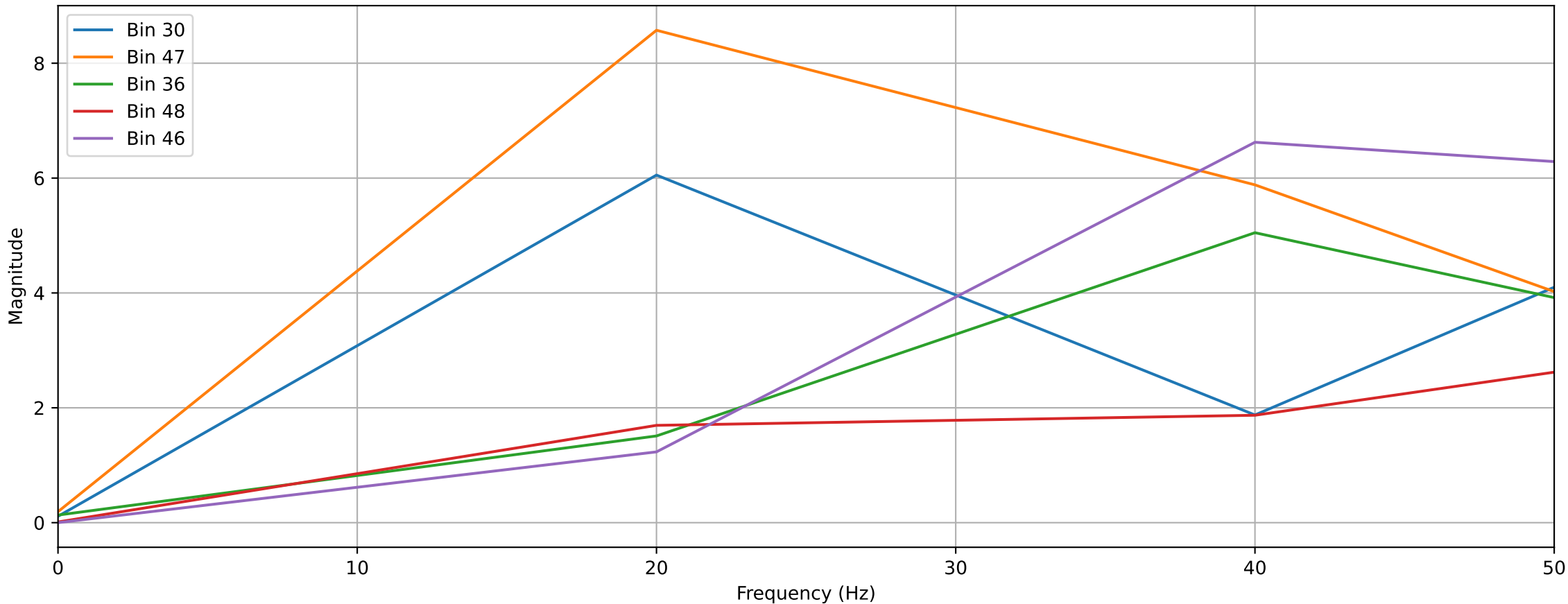
Average Burst Waveform from Top Attention Bins (All Test Samples)



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



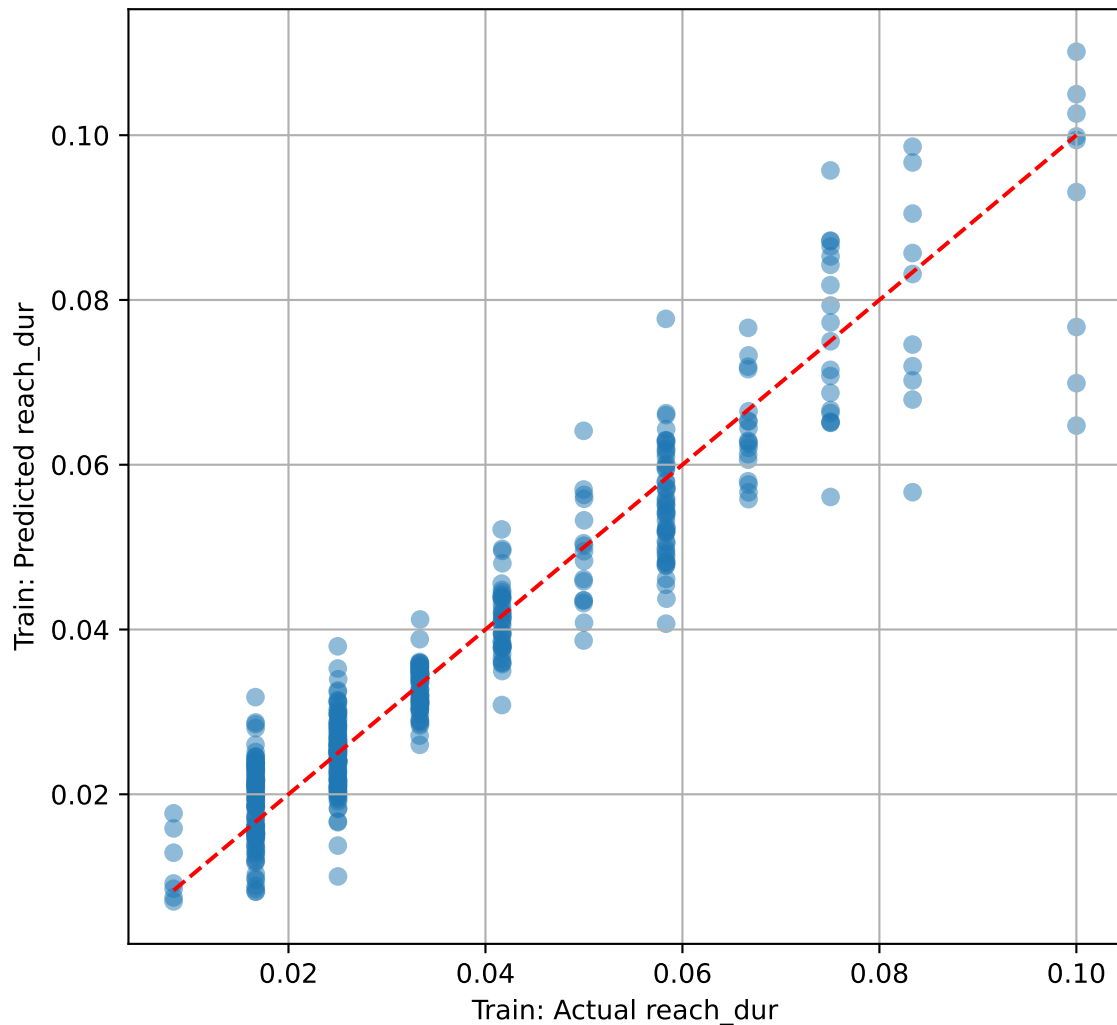
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



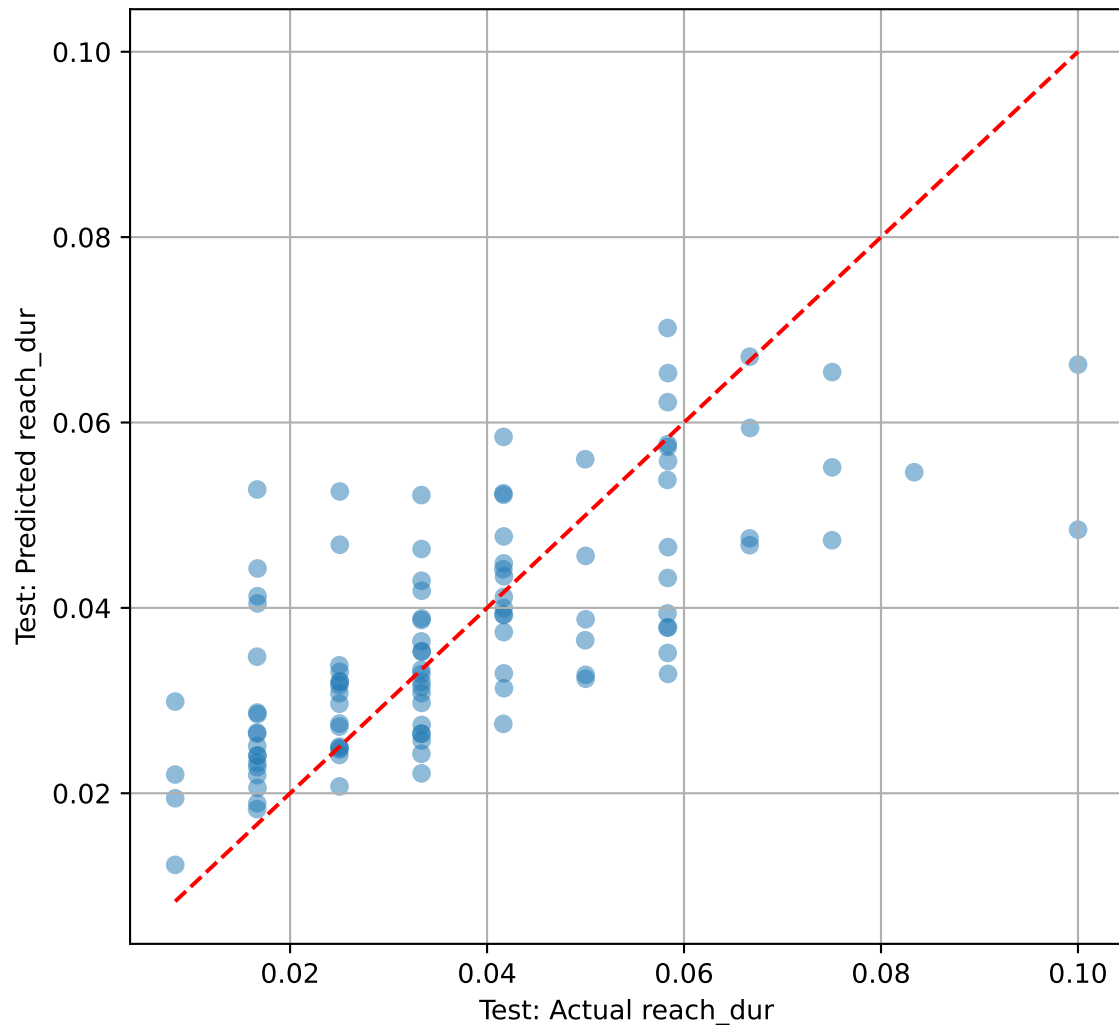


**sub-102**

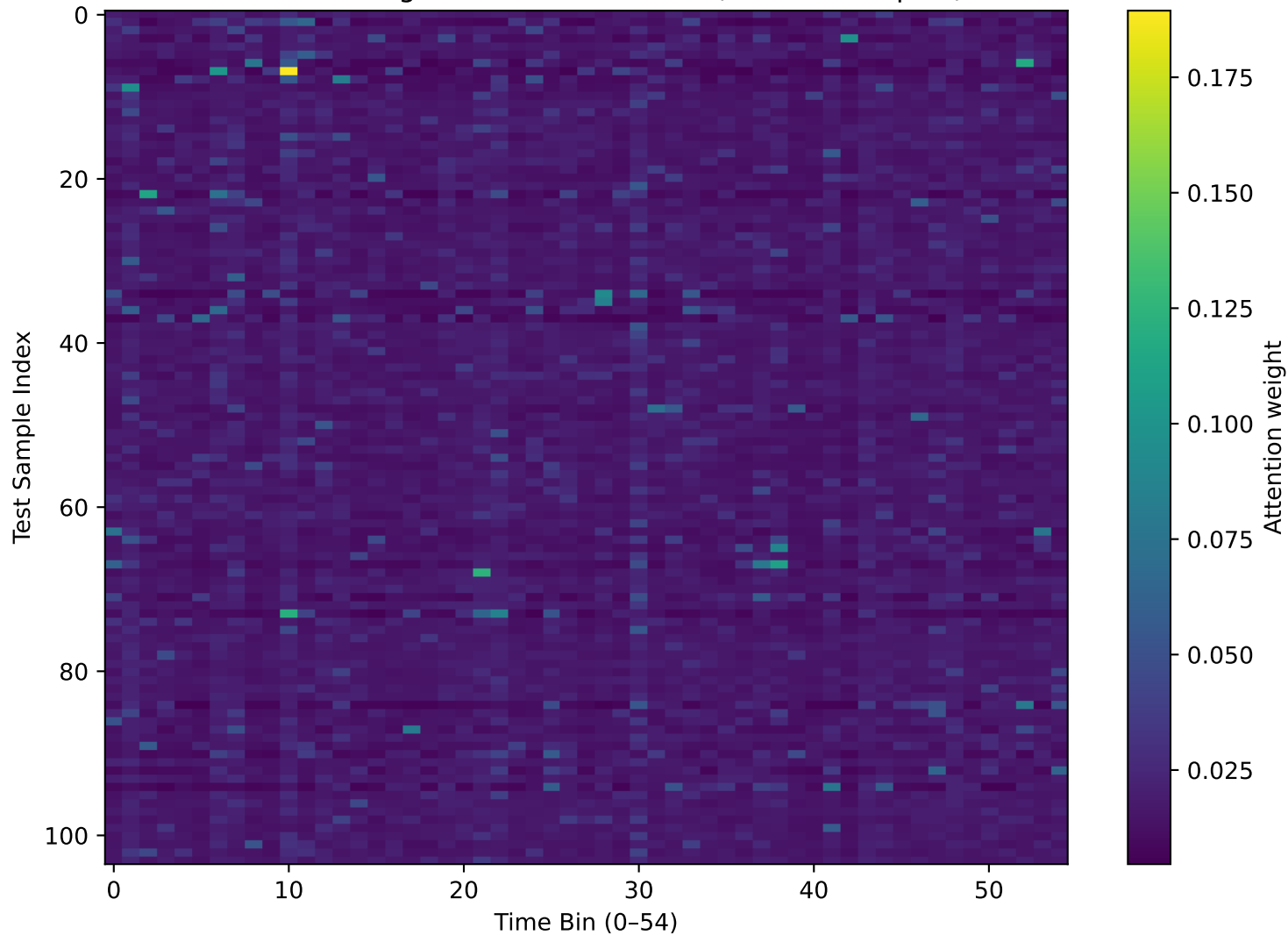
Train: Epoch 967  
MSE: 0.0944, R2: 0.9088



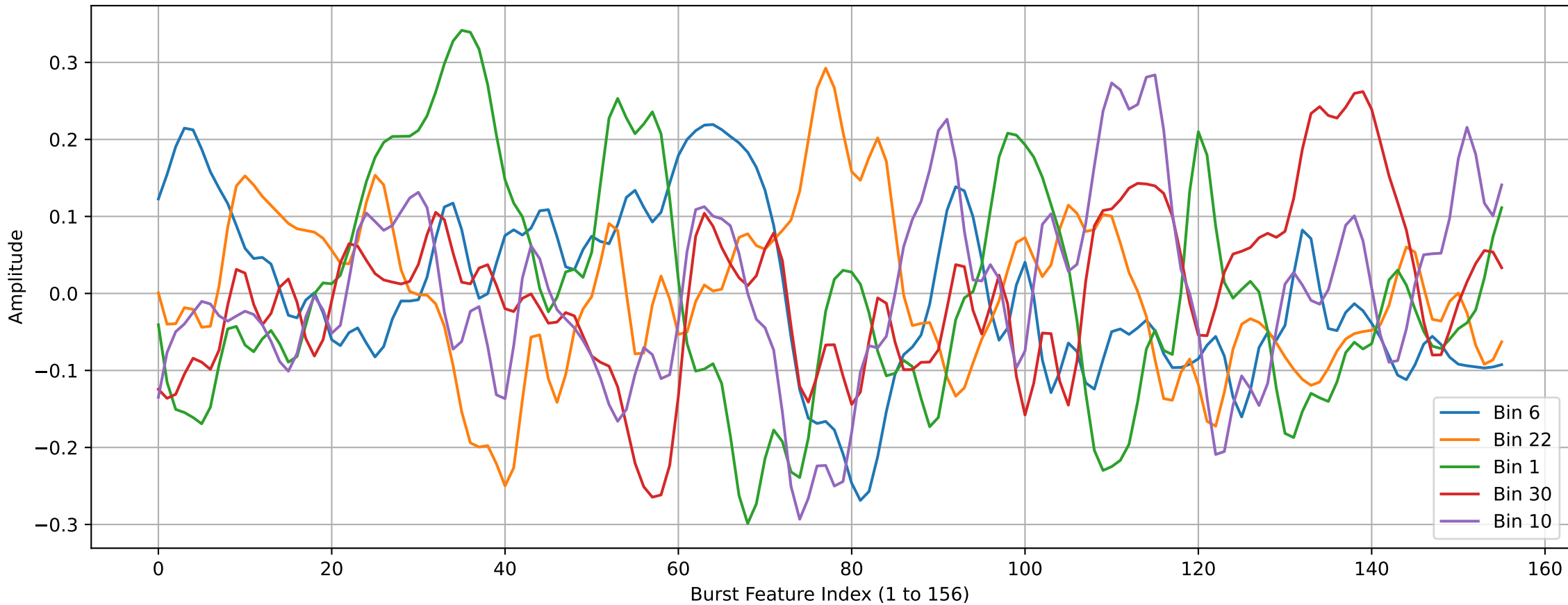
Val: Epoch 967  
MSE: 0.4335, R2: 0.4967



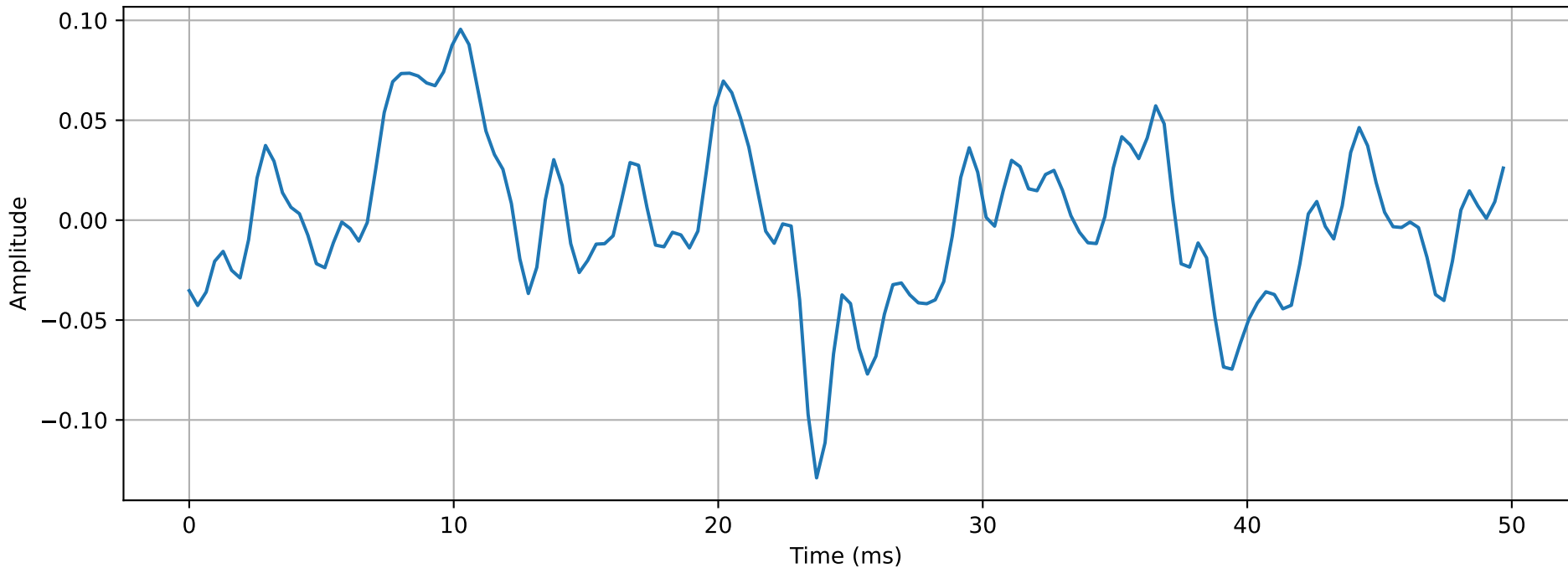
Attention Weights Across Time Bins (All Test Samples)



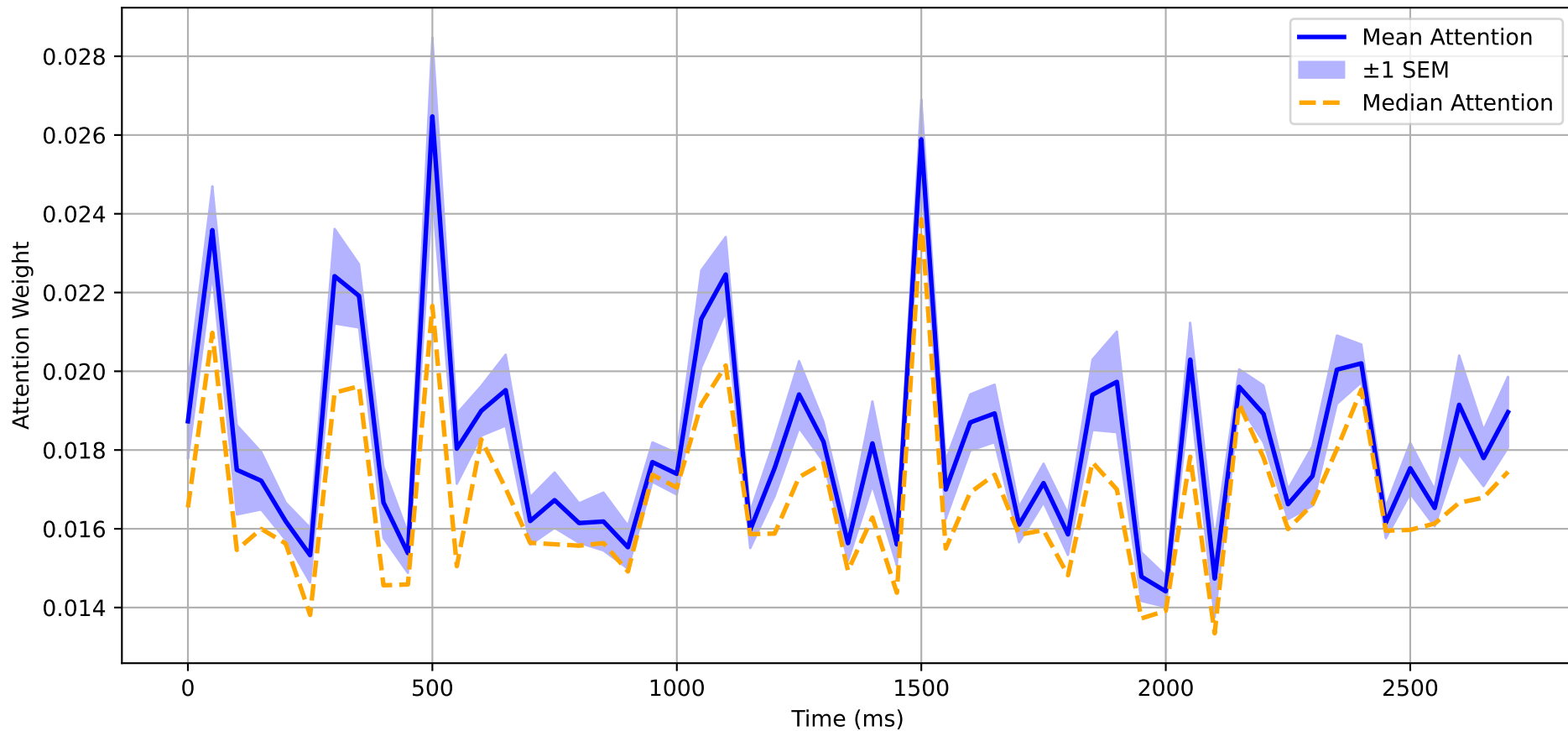
Waveform Shapes for Top Attention Bins (All Test Samples)



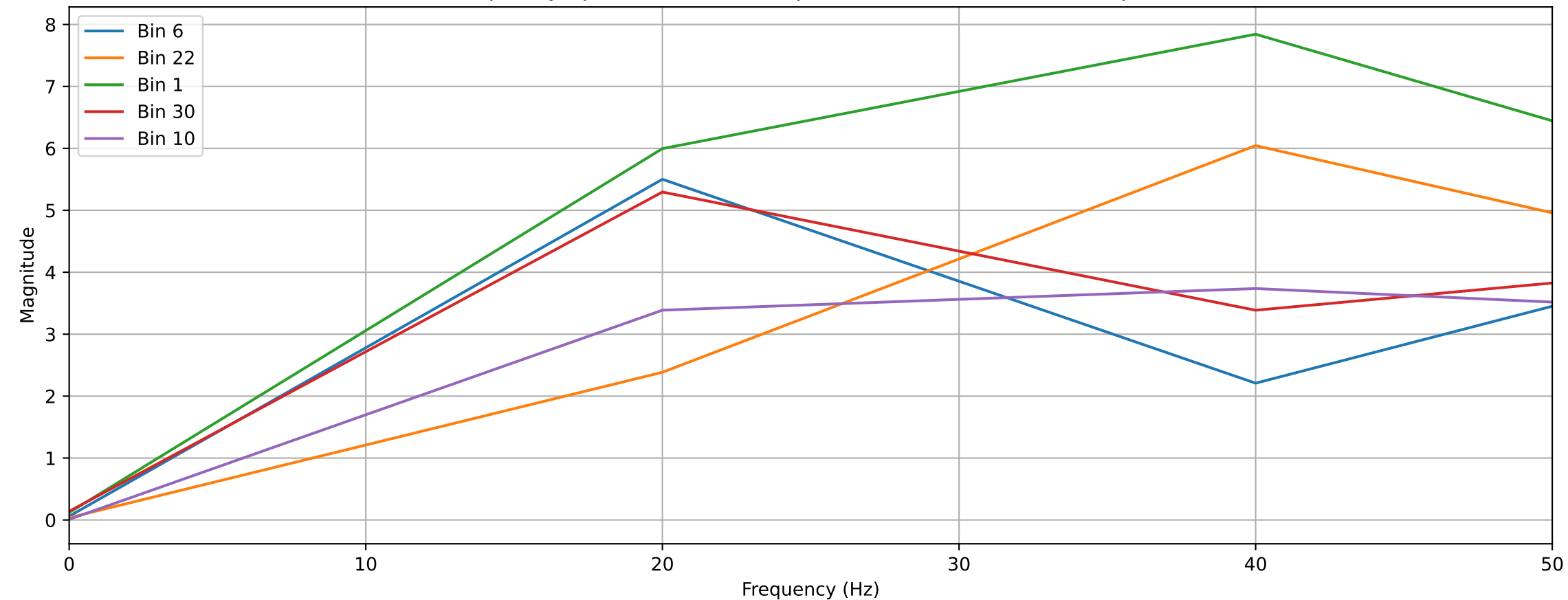
Average Burst Waveform from Top Attention Bins (All Test Samples)



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



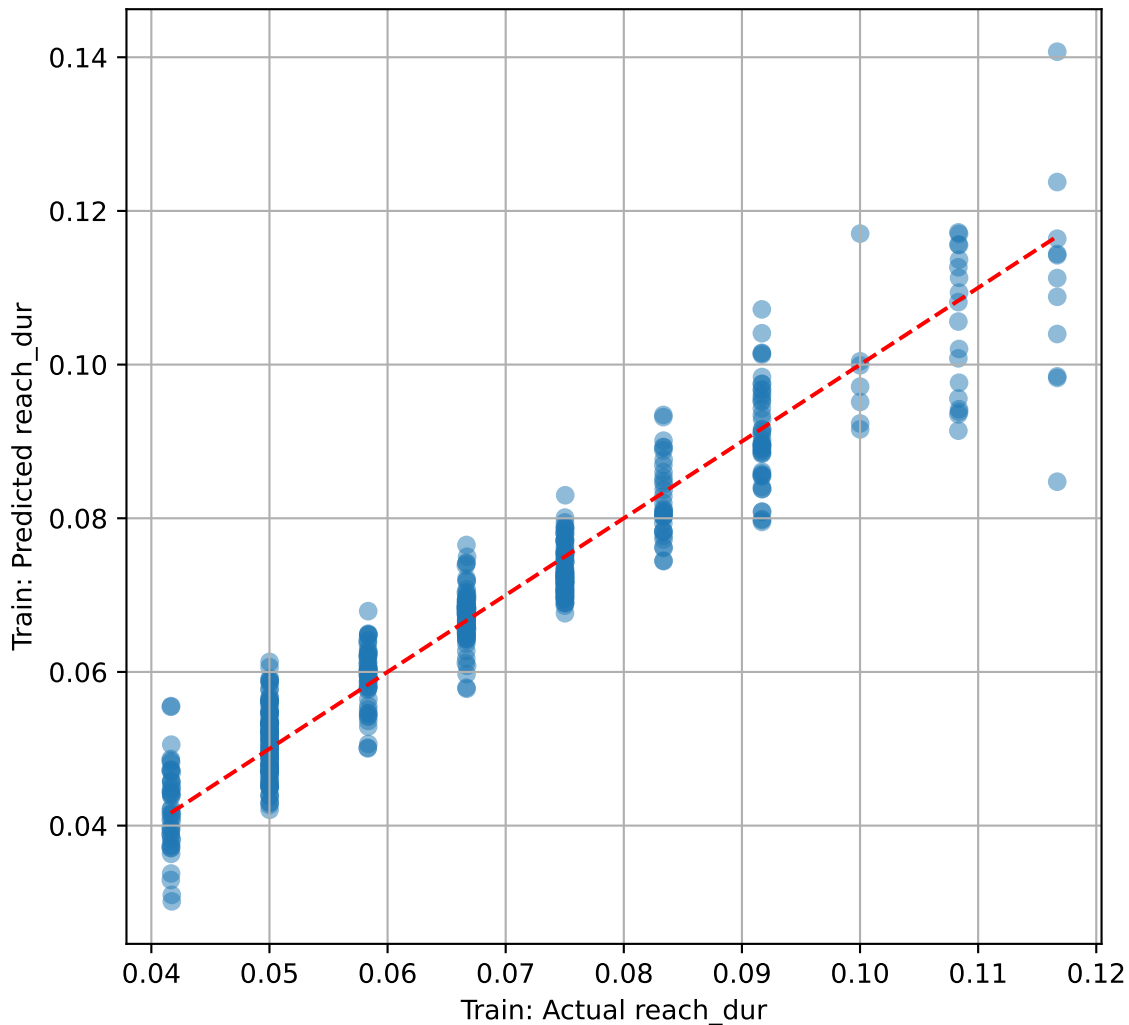
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



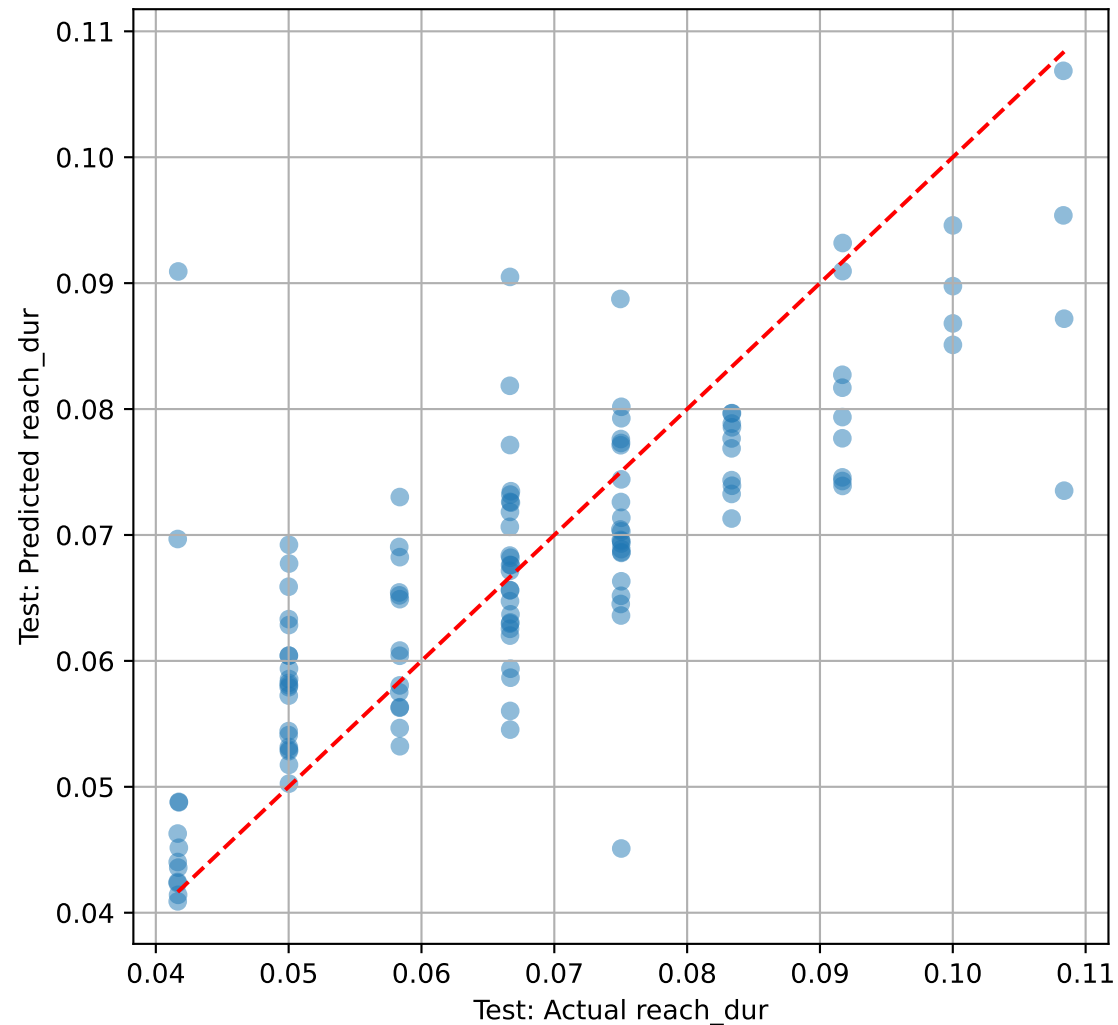
**sub-103**



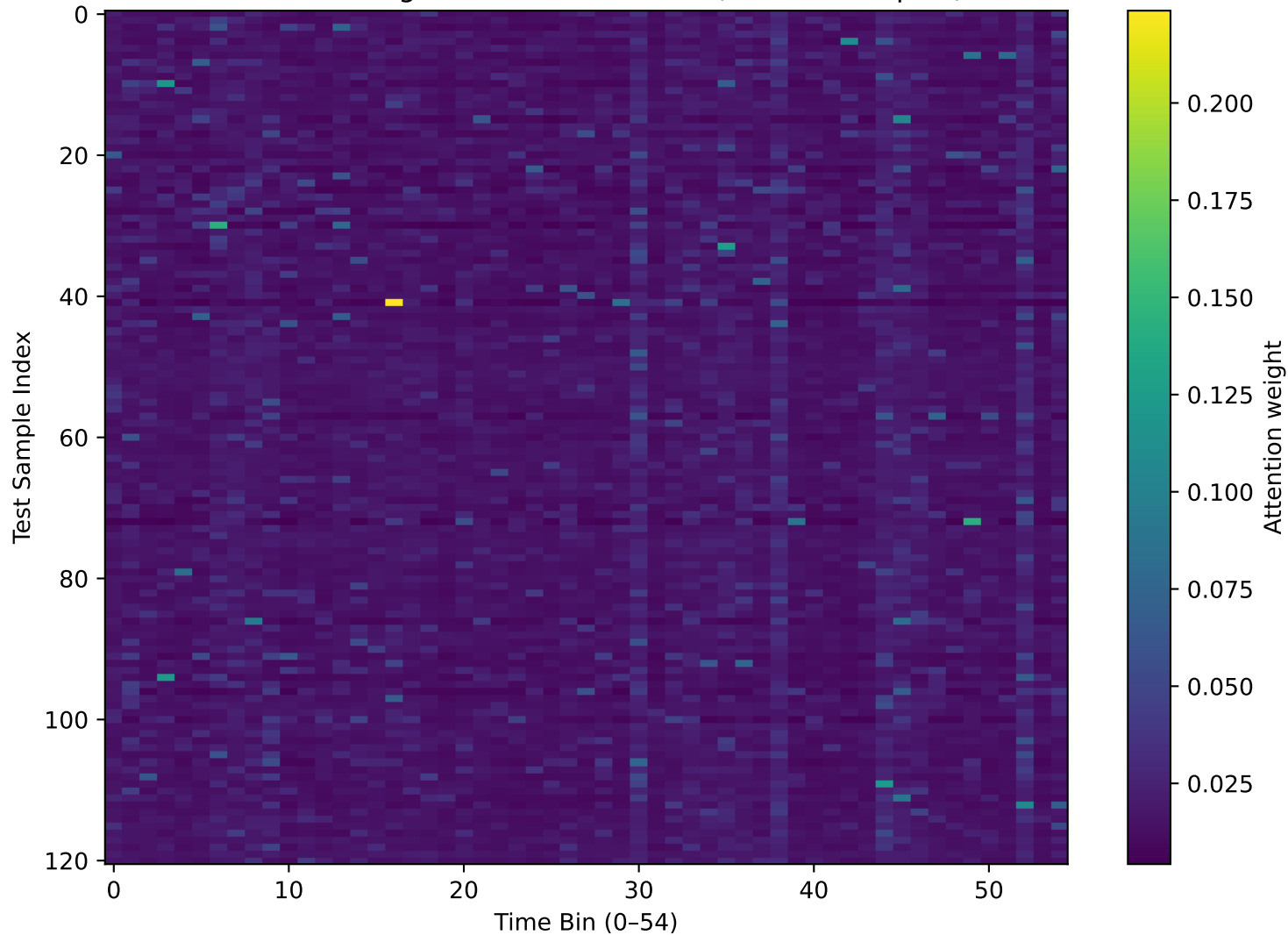
Train: Epoch 971  
MSE: 0.0855, R2: 0.9172



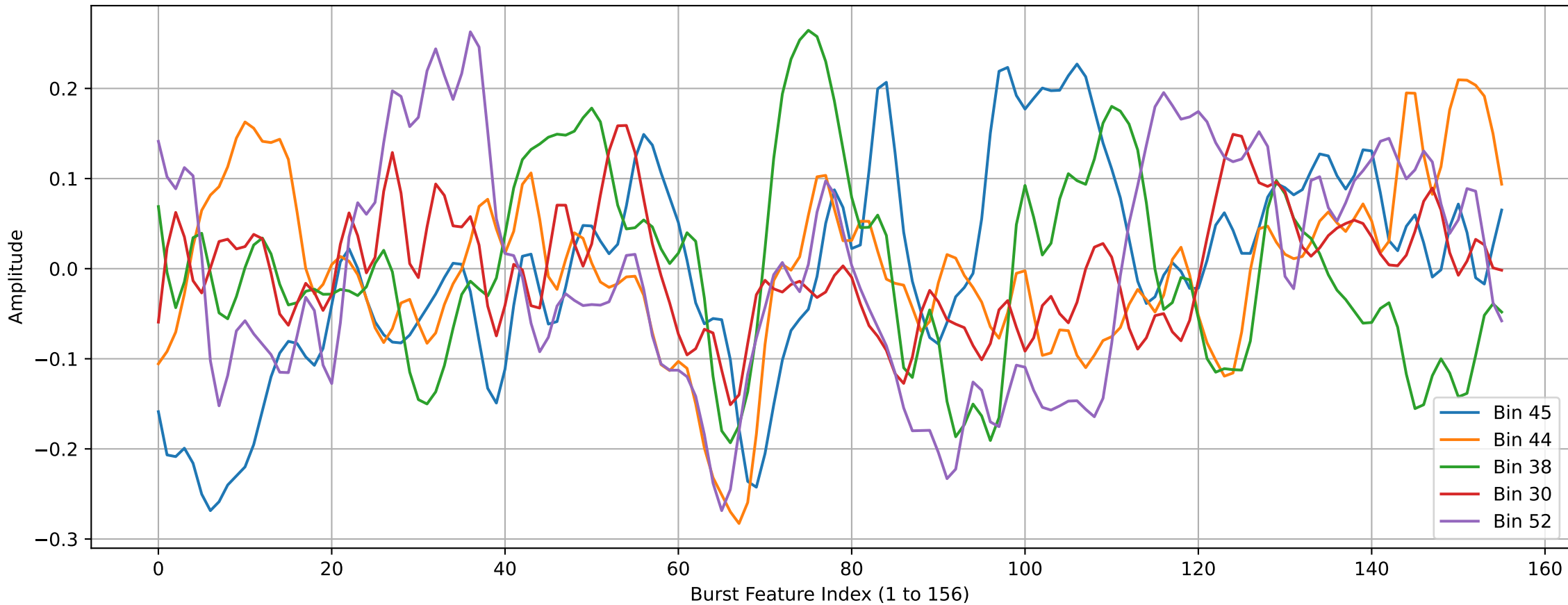
Val: Epoch 971  
MSE: 0.3384, R2: 0.6102



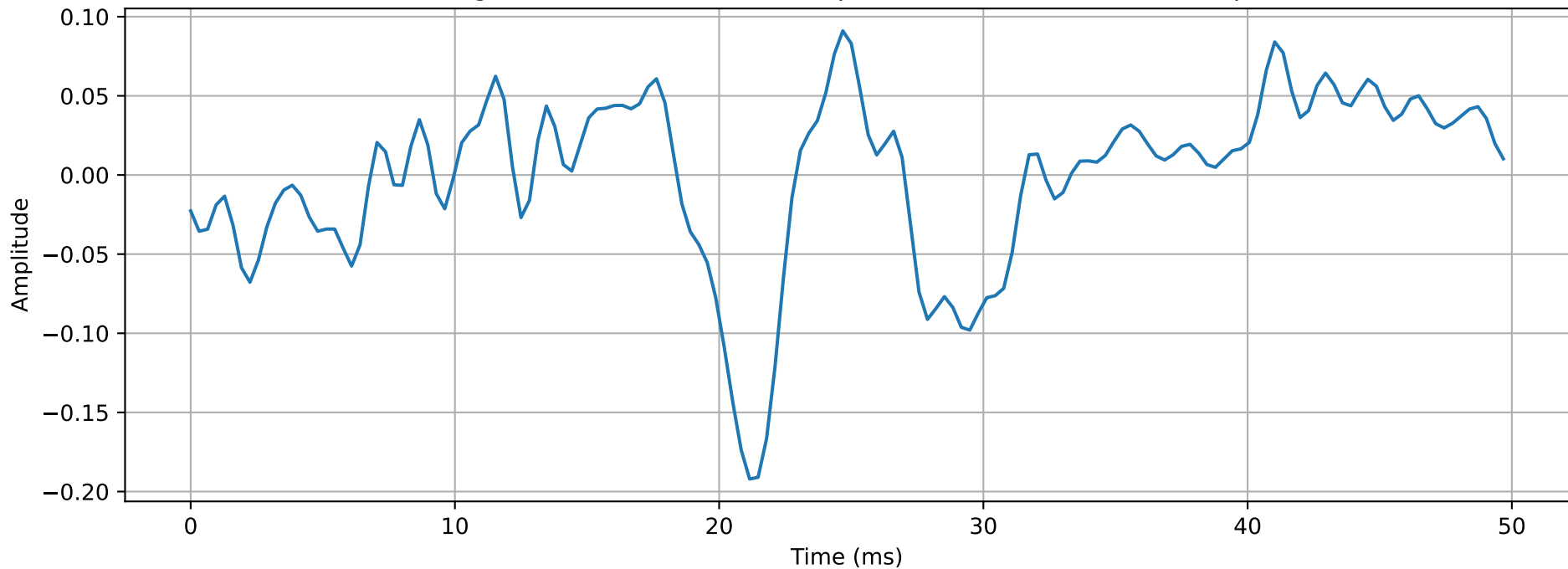
Attention Weights Across Time Bins (All Test Samples)



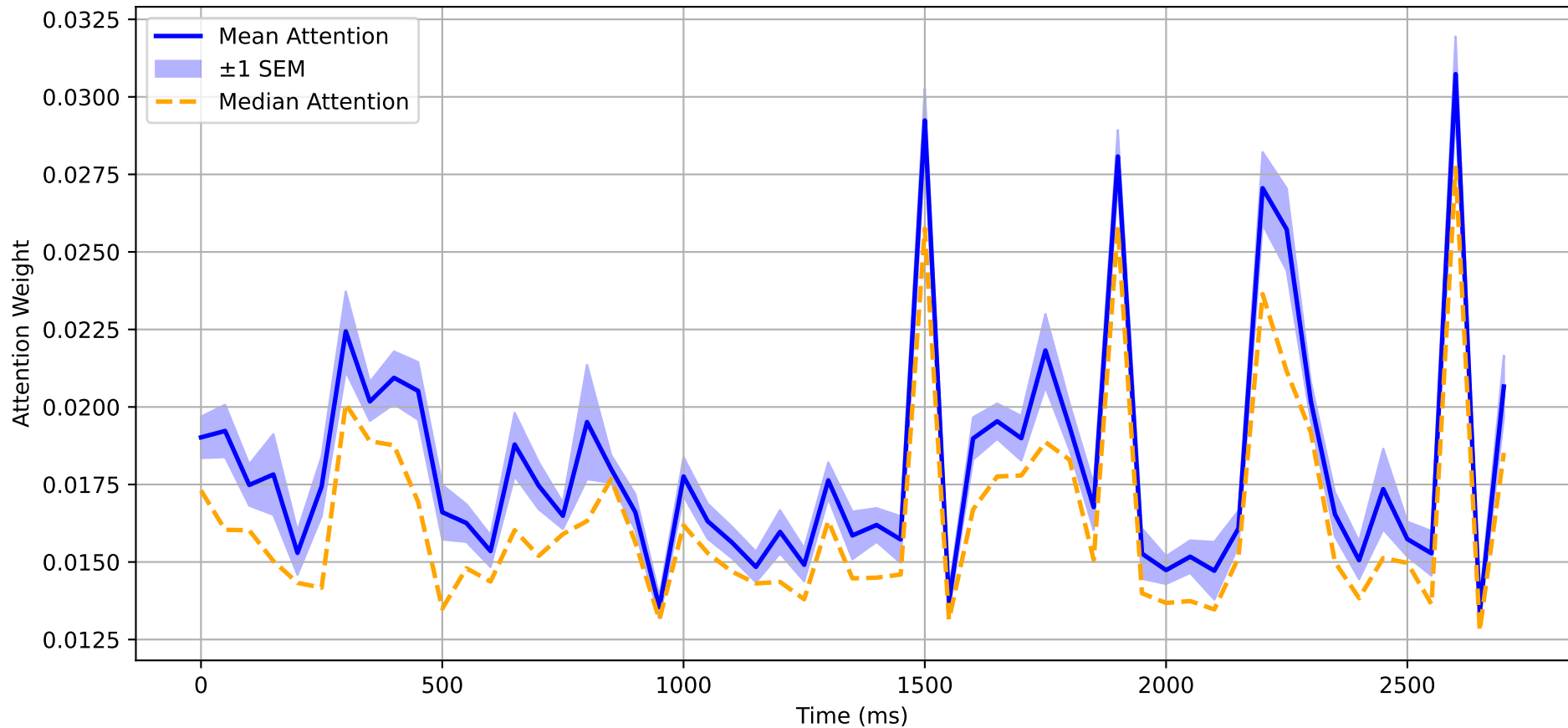
Waveform Shapes for Top Attention Bins (All Test Samples)



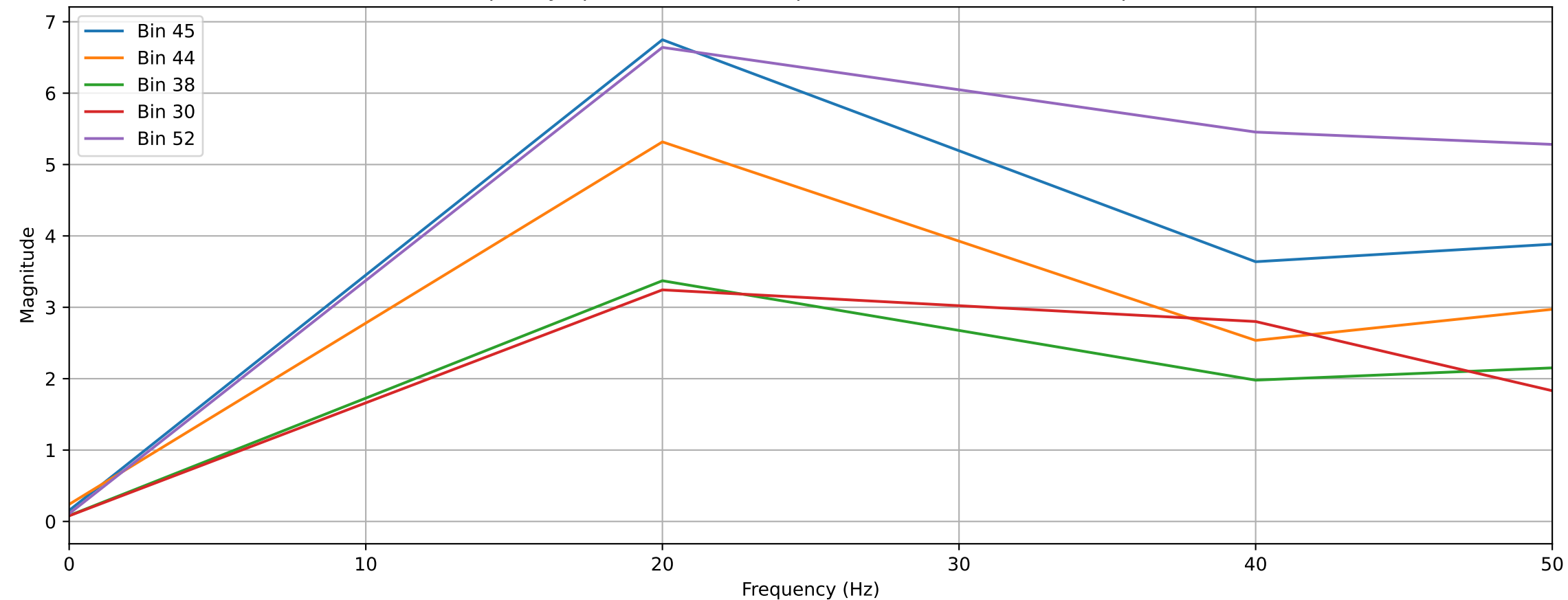
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

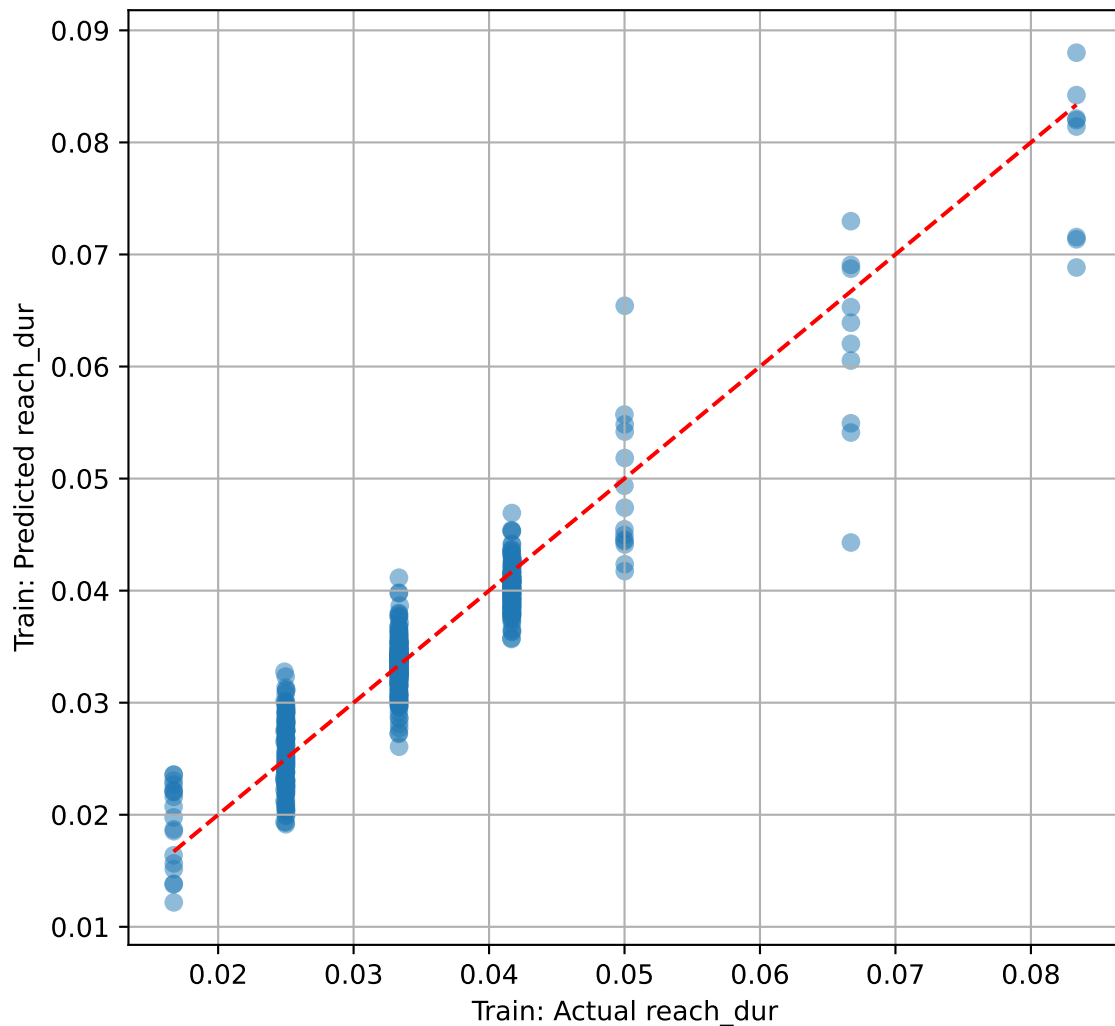


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

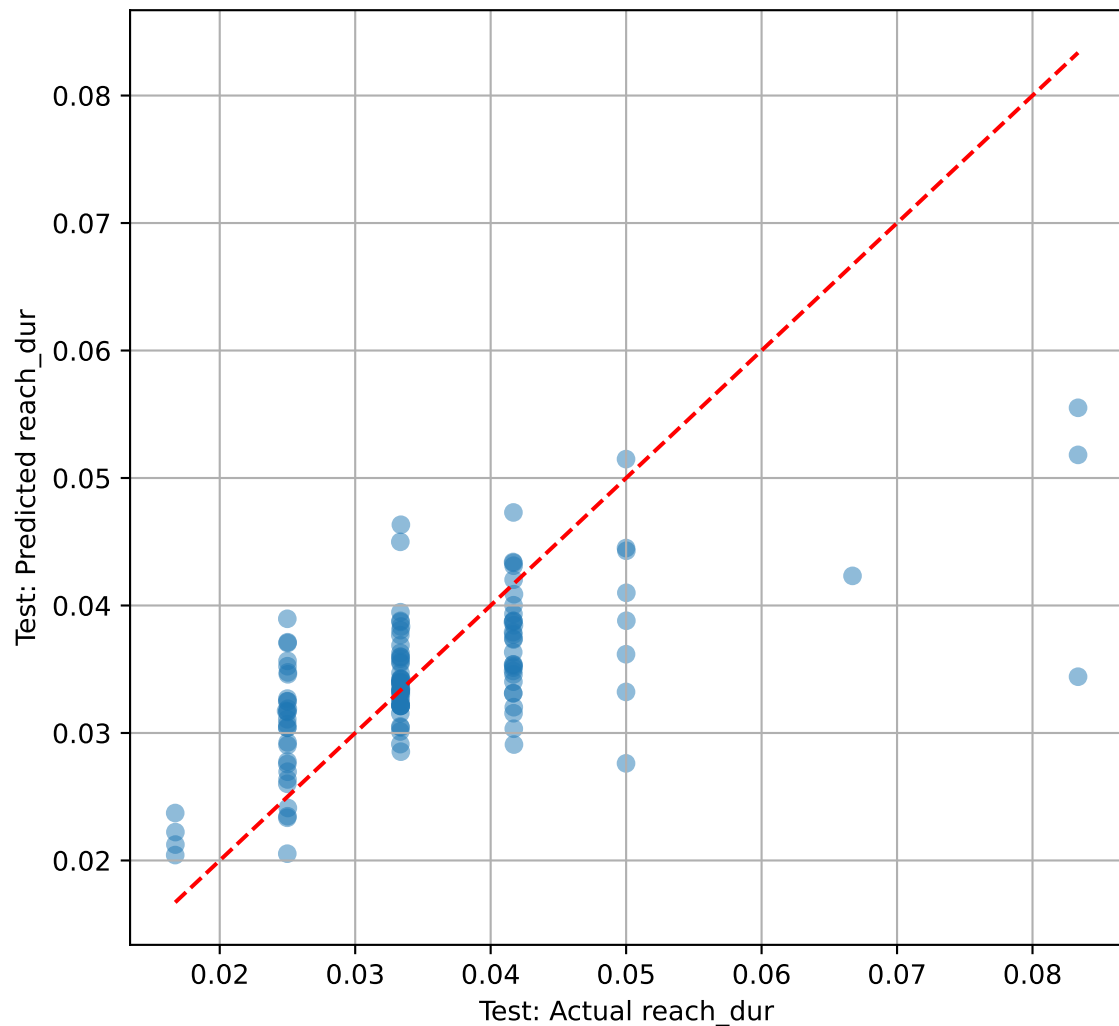


**sub-106**

Train: Epoch 747  
MSE: 0.0953, R2: 0.9021

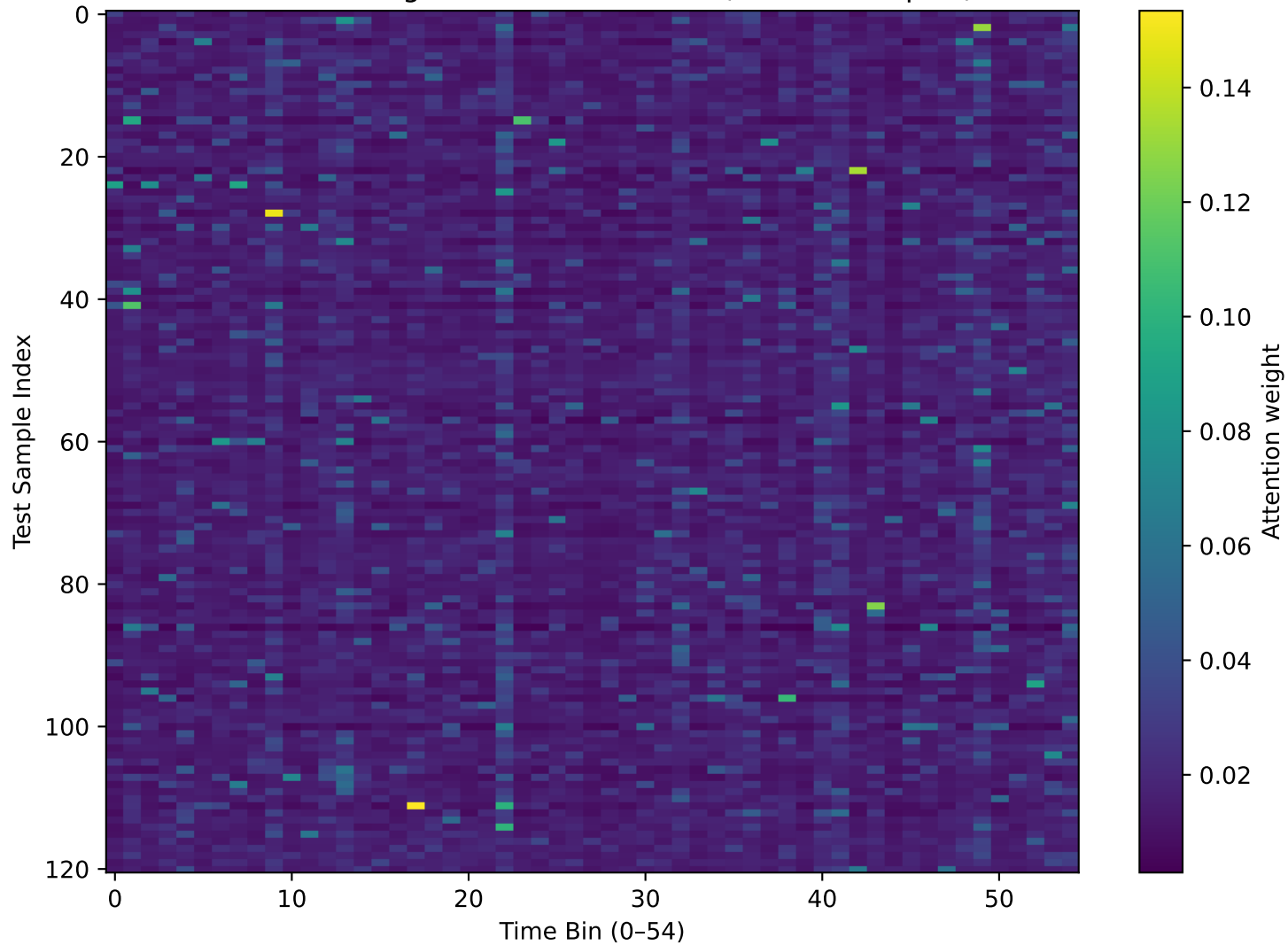


Val: Epoch 747  
MSE: 0.6605, R2: 0.3993

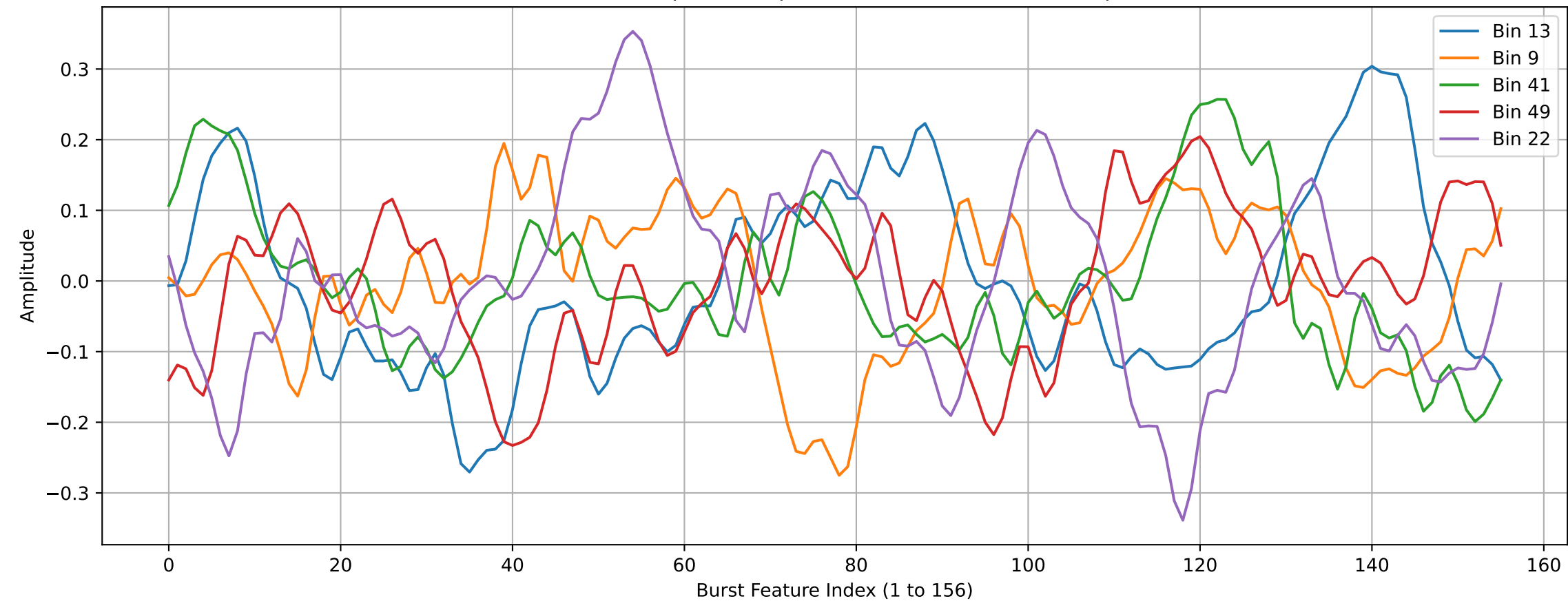




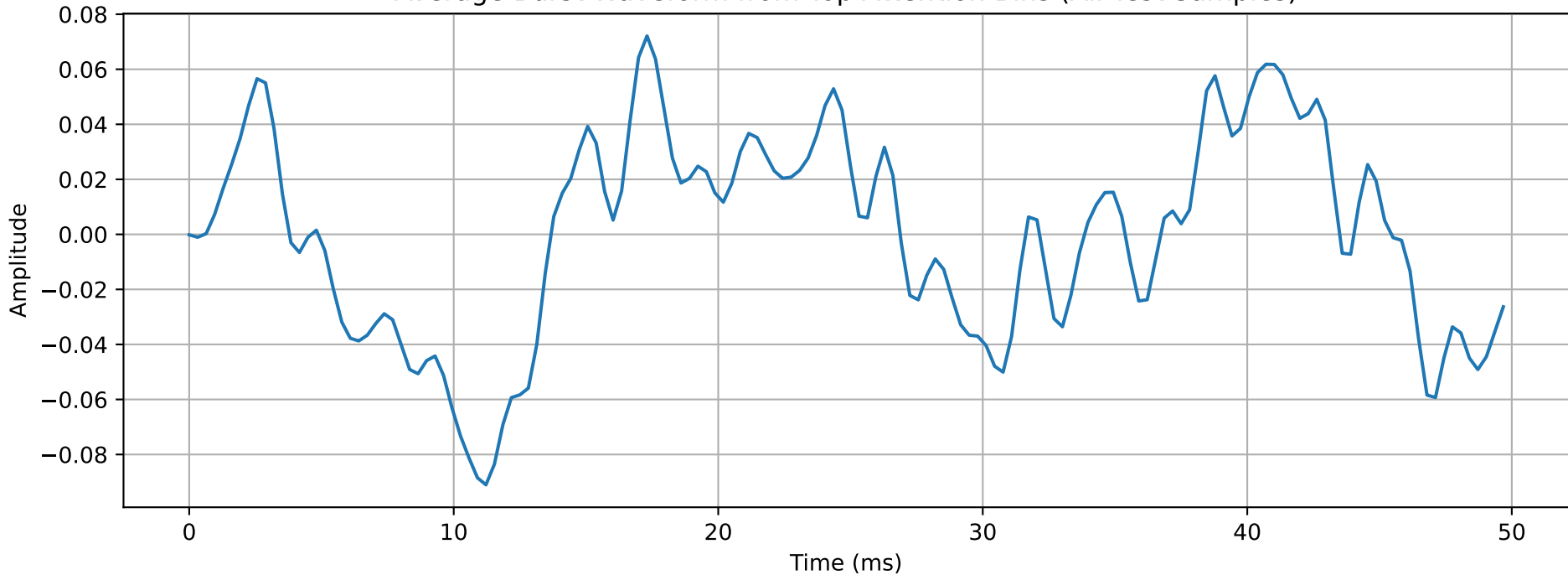
Attention Weights Across Time Bins (All Test Samples)



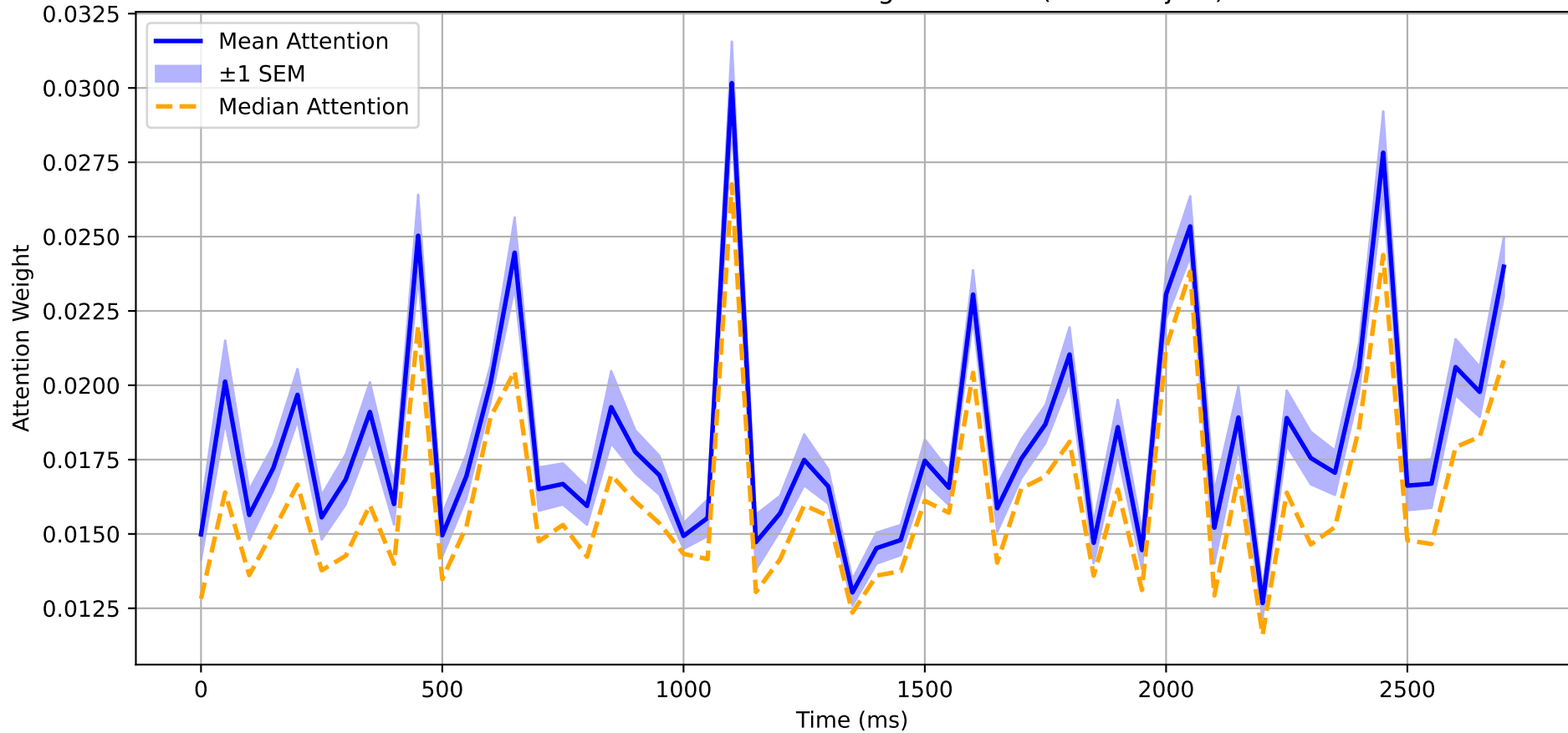
Waveform Shapes for Top Attention Bins (All Test Samples)



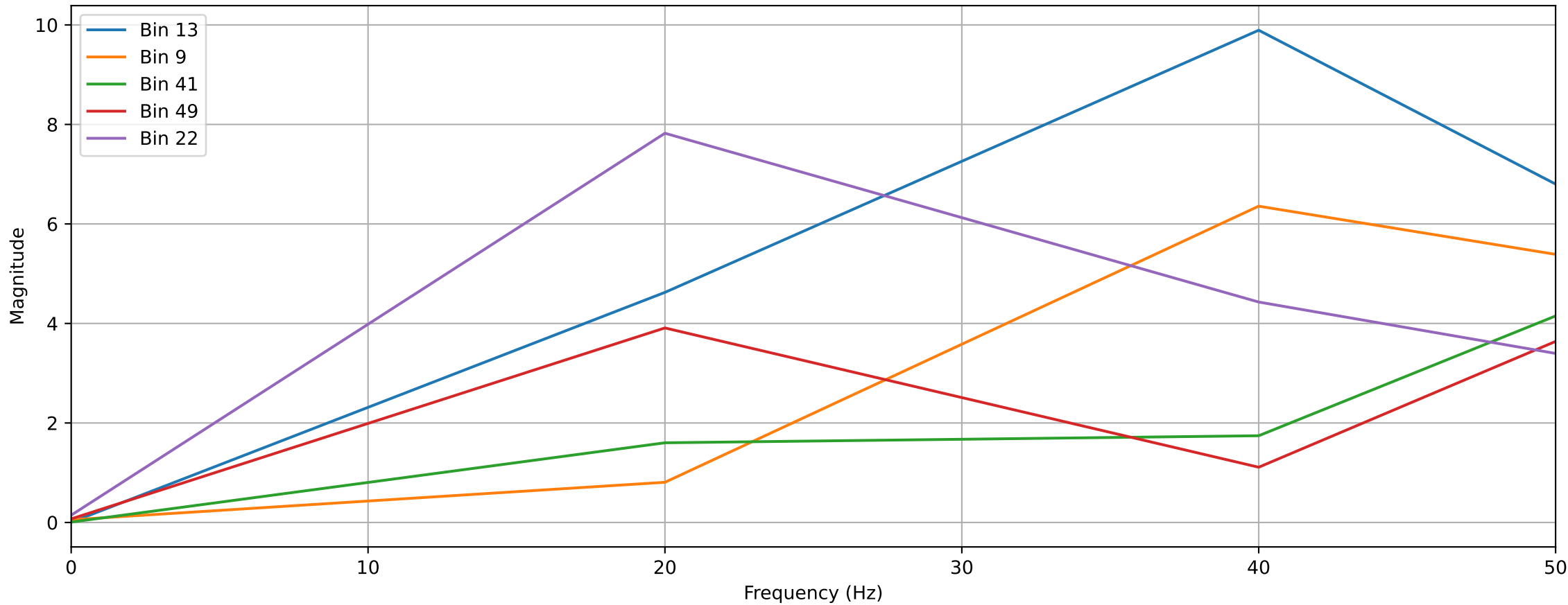
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

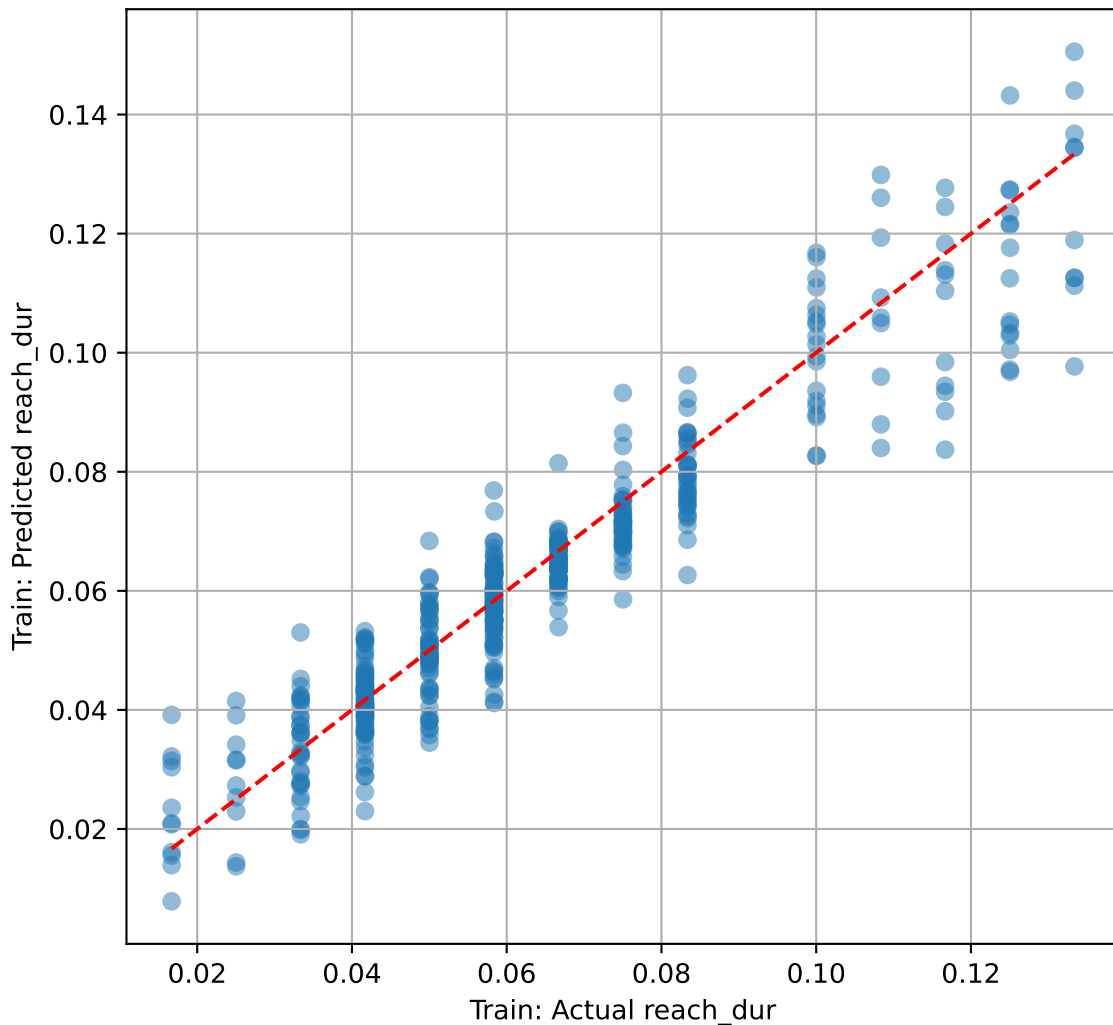


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

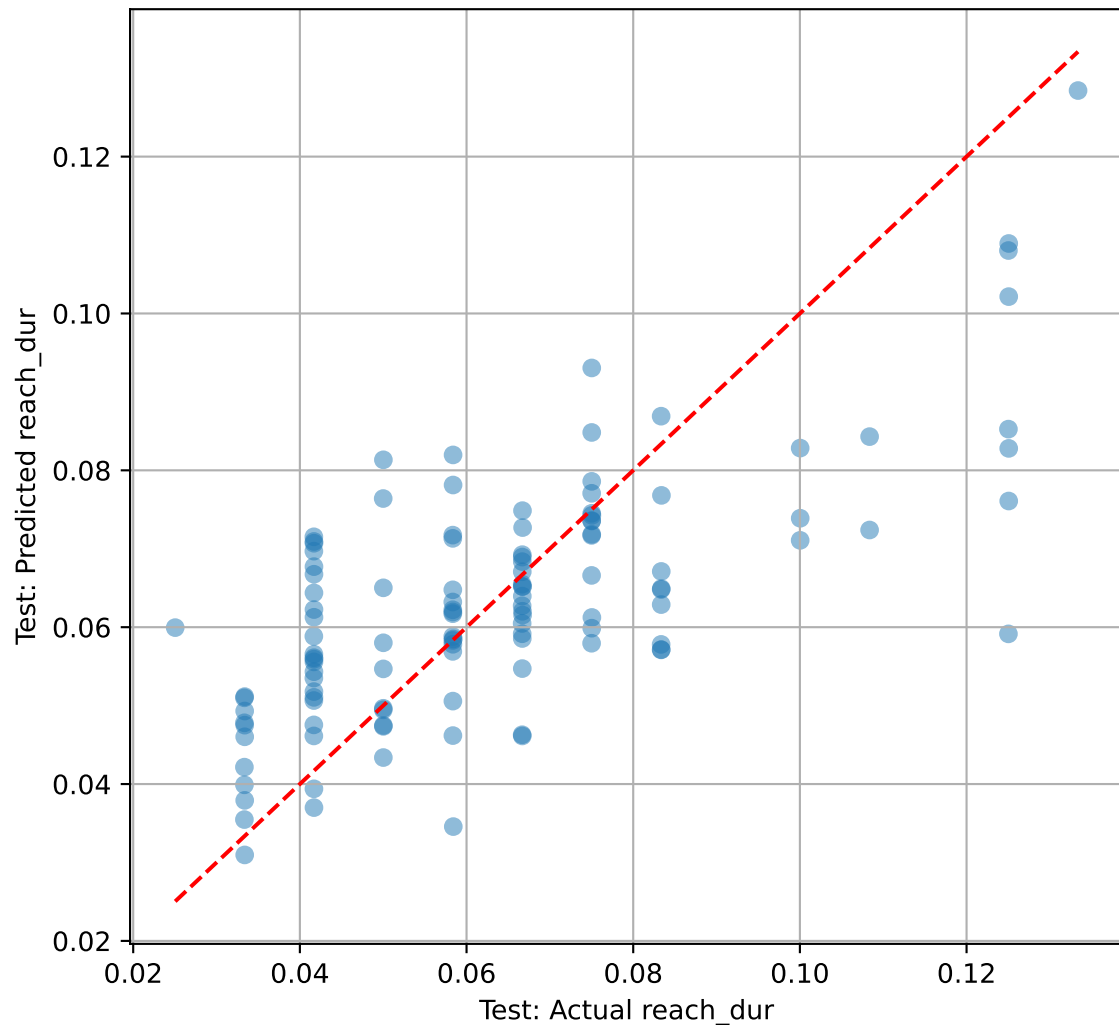


**sub-107**

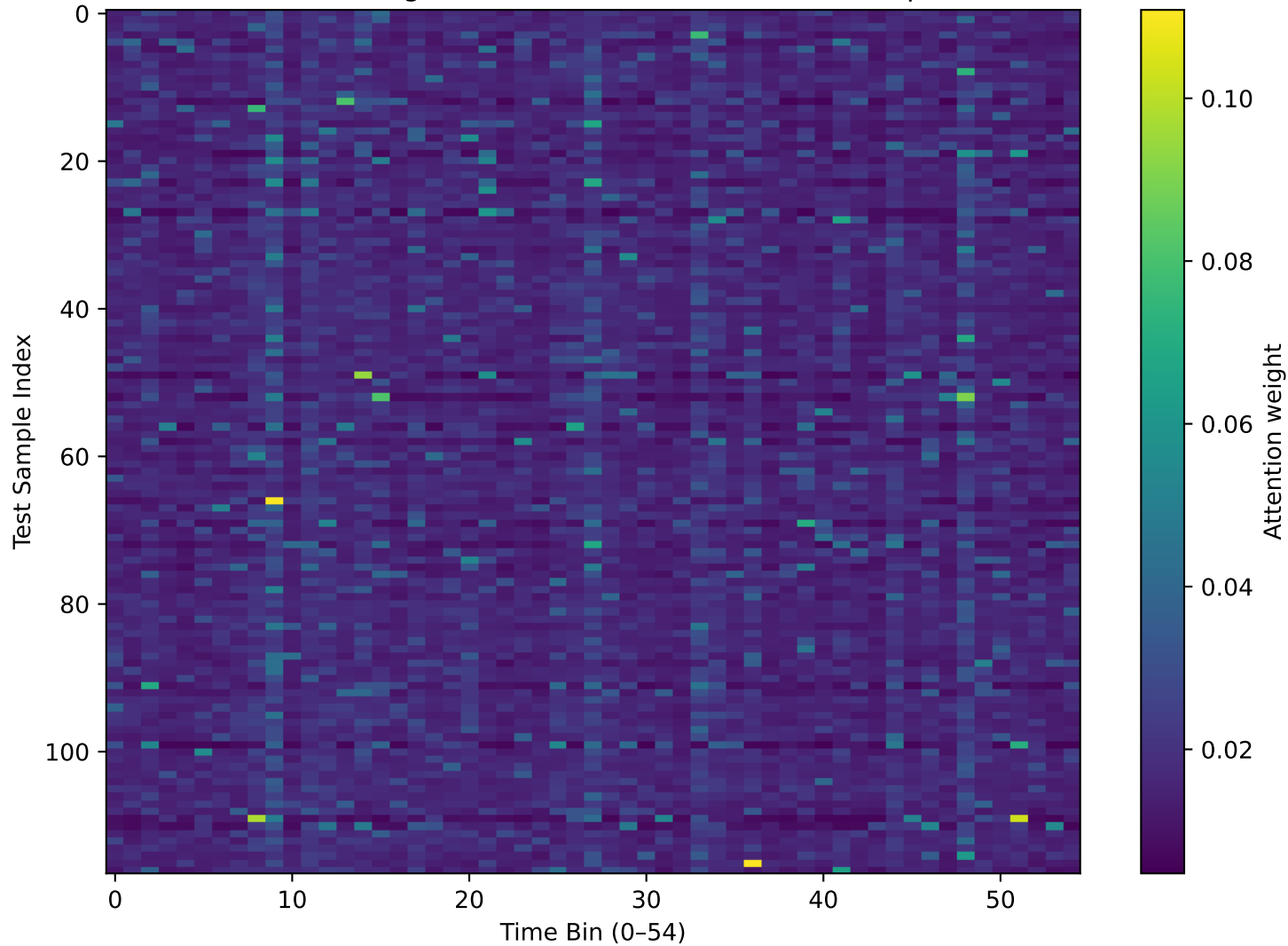
Train: Epoch 985  
MSE: 0.1116, R2: 0.8912



Val: Epoch 985  
MSE: 0.4600, R2: 0.4873

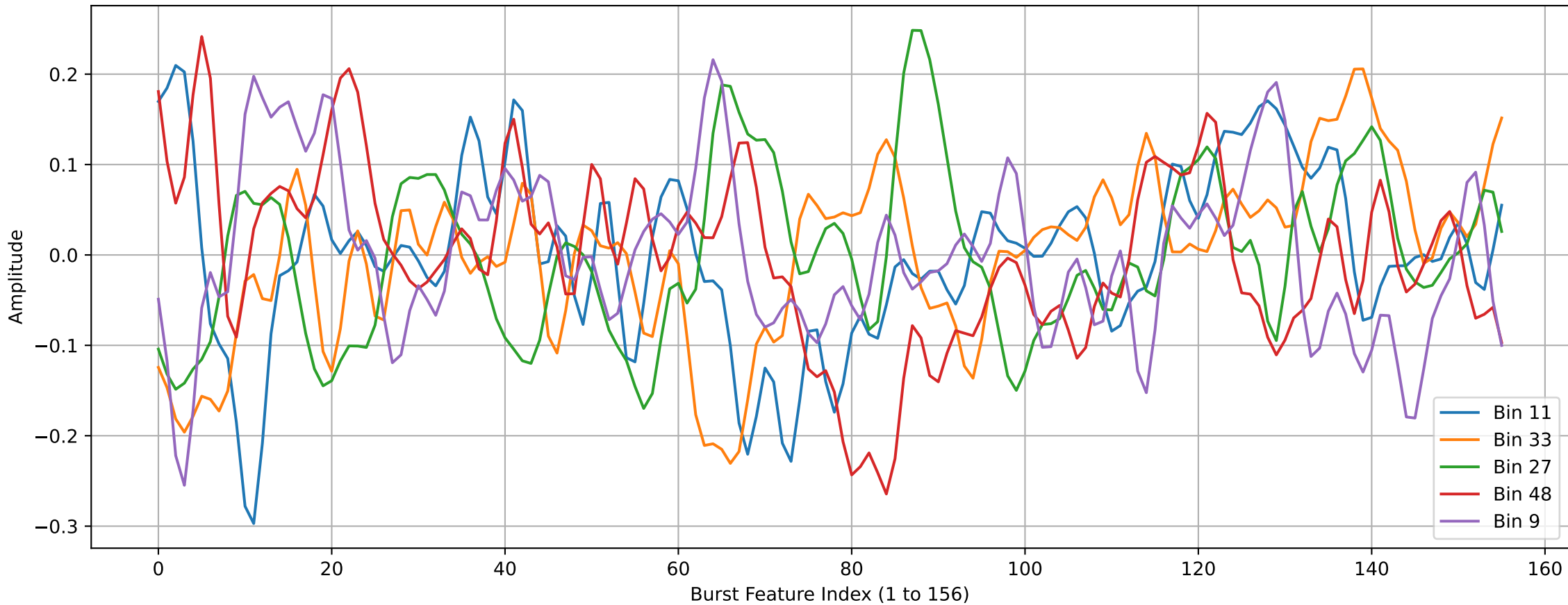


Attention Weights Across Time Bins (All Test Samples)

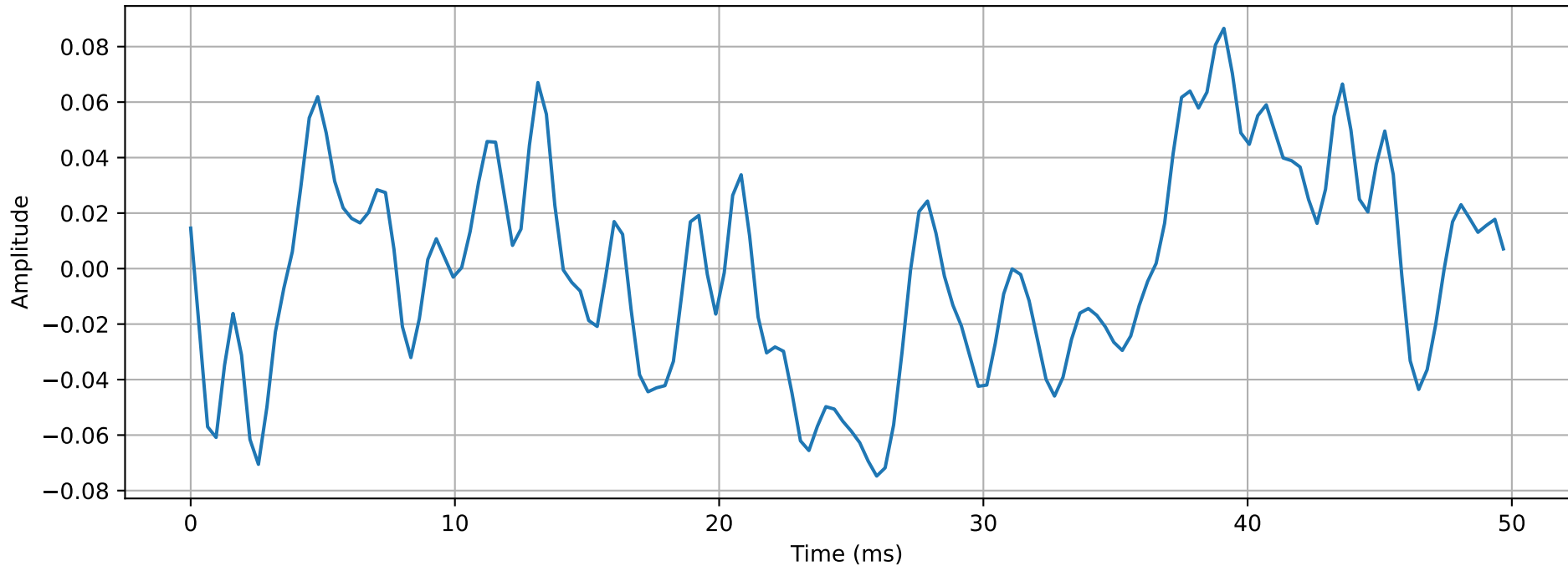




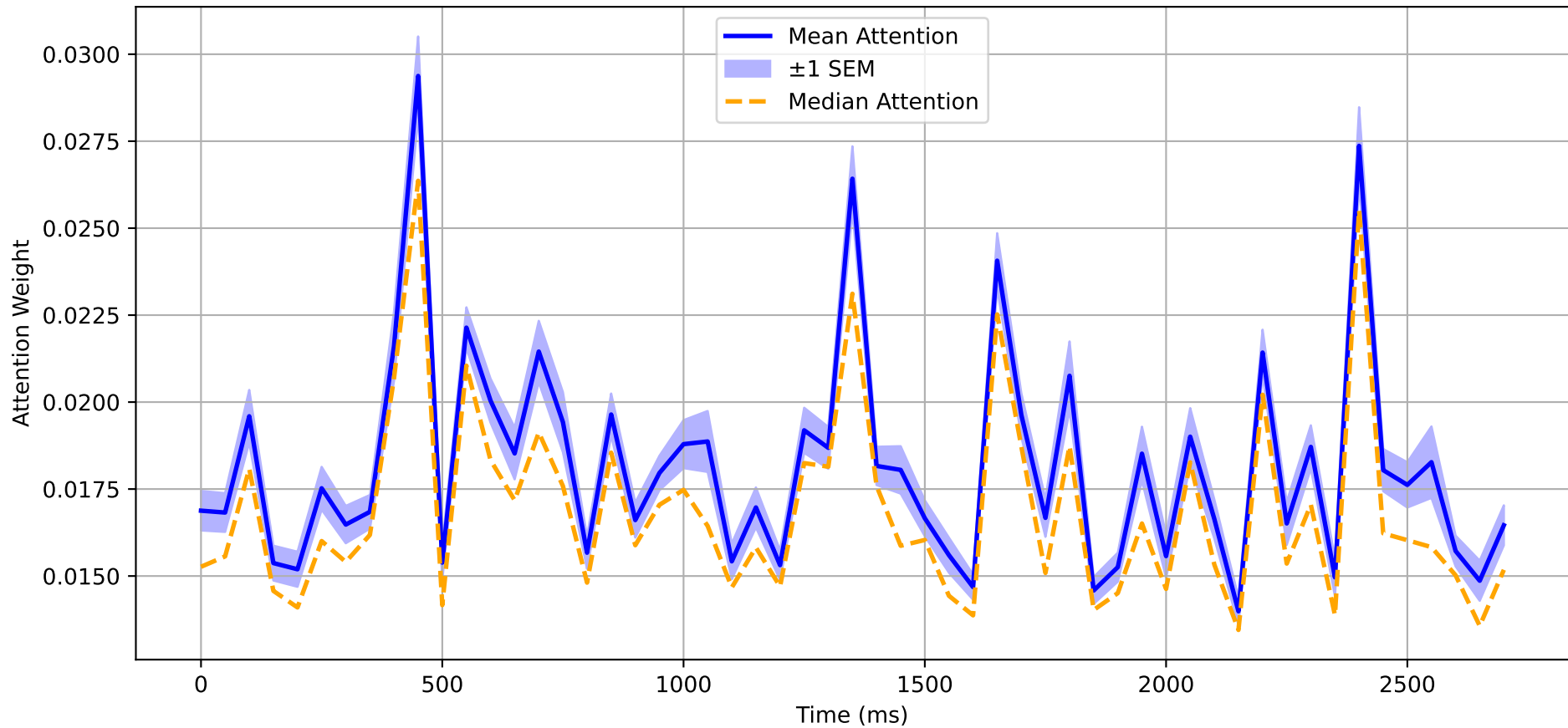
Waveform Shapes for Top Attention Bins (All Test Samples)



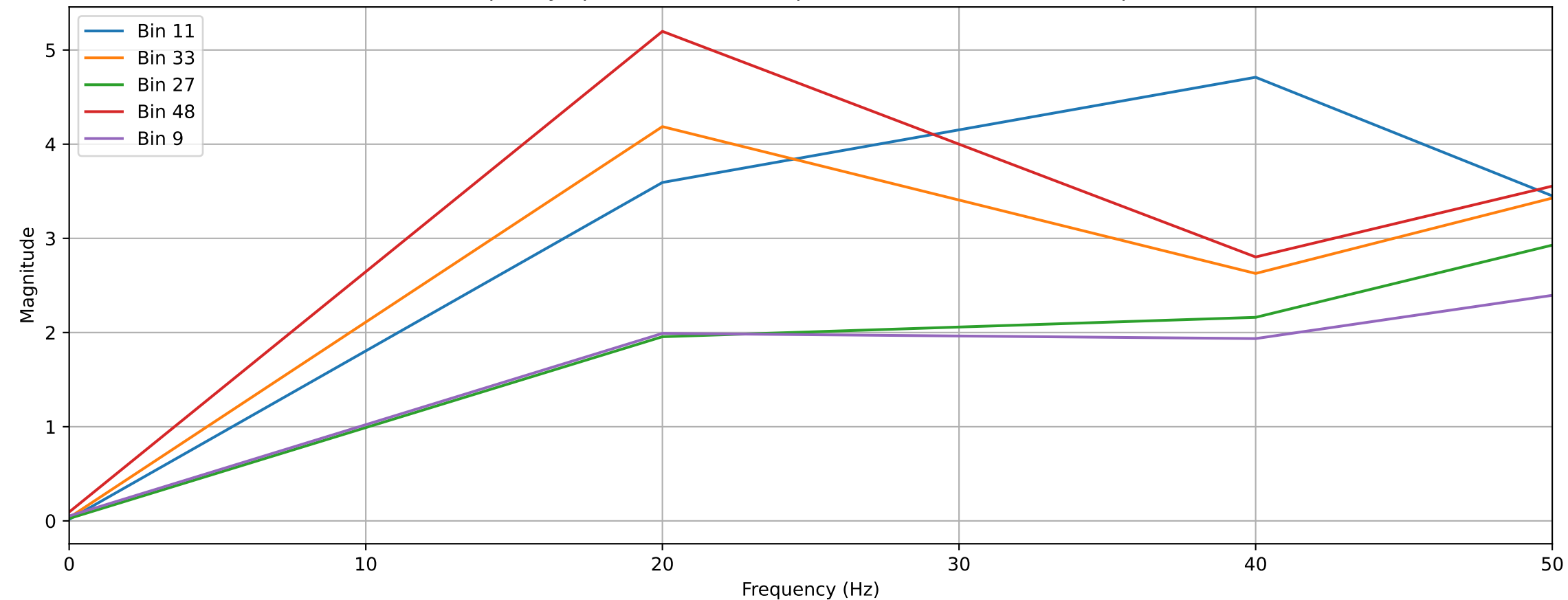
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

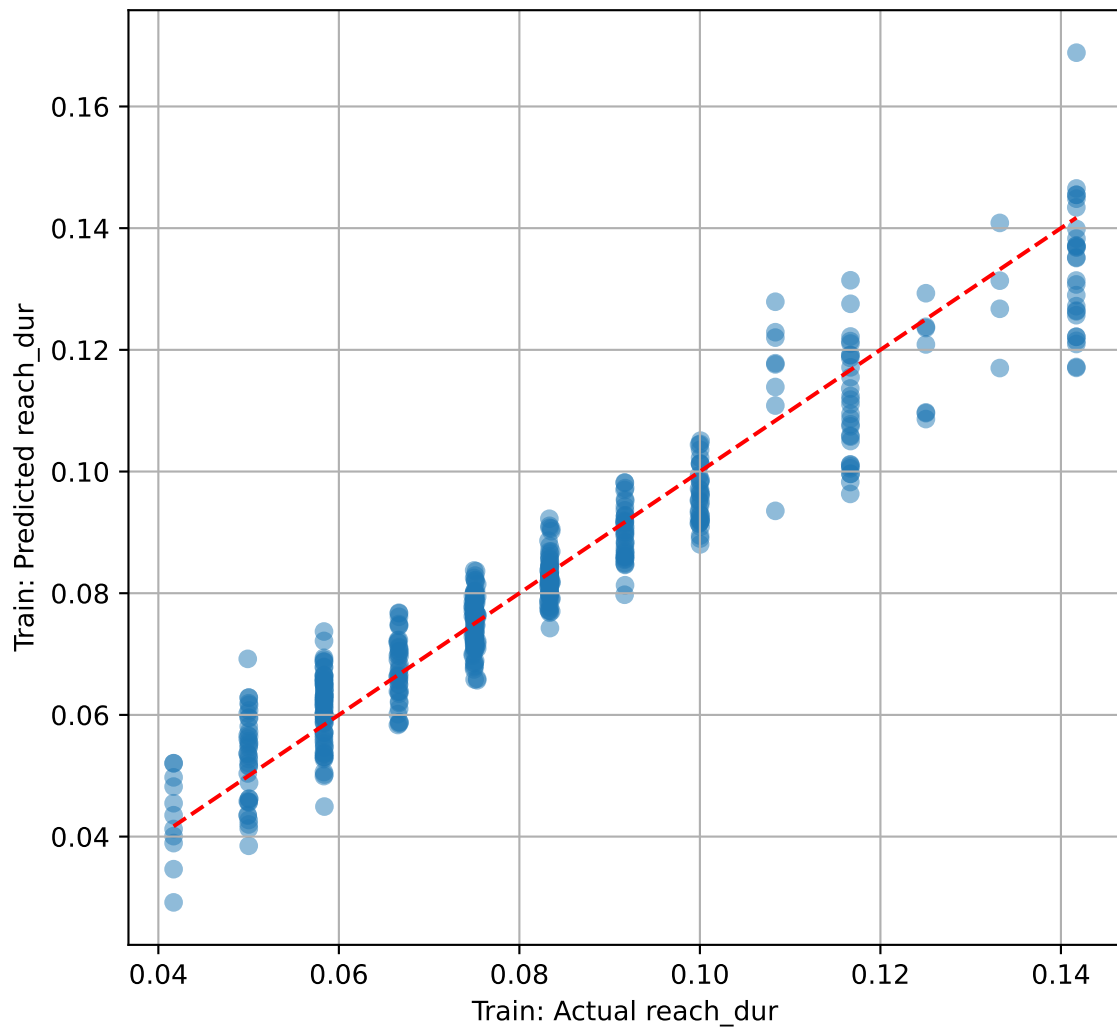


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

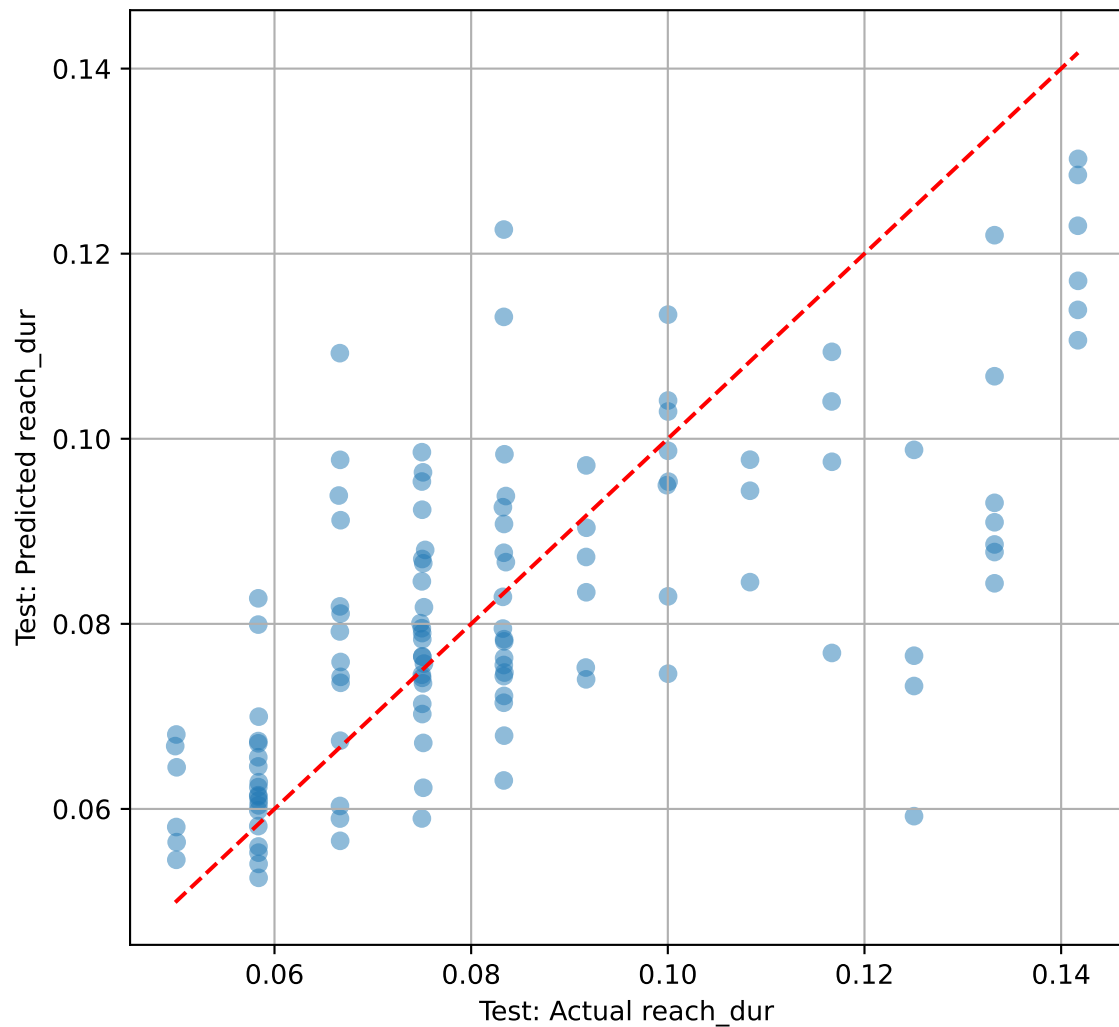


**sub-108**

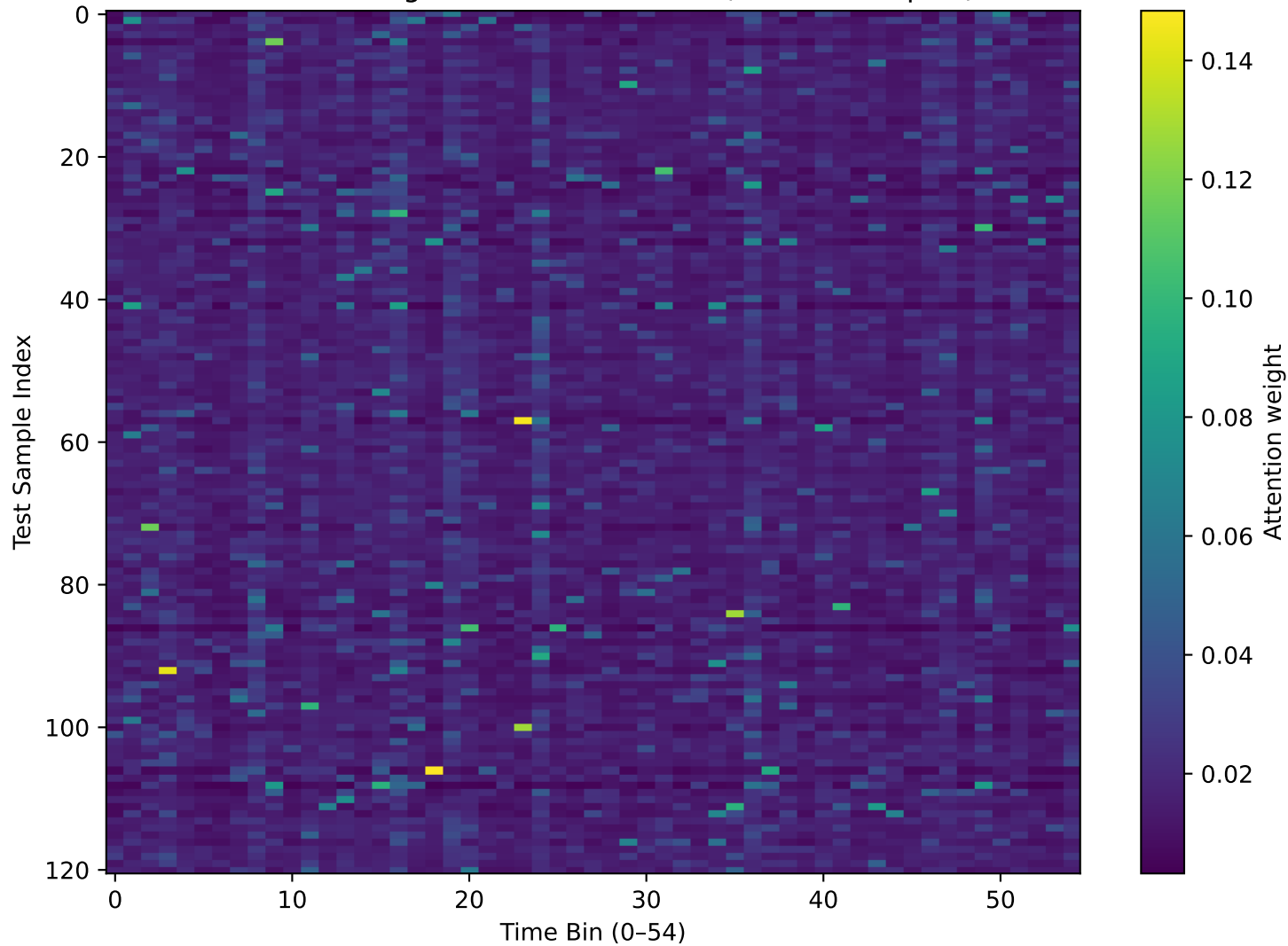
Train: Epoch 986  
MSE: 0.0778, R2: 0.9206



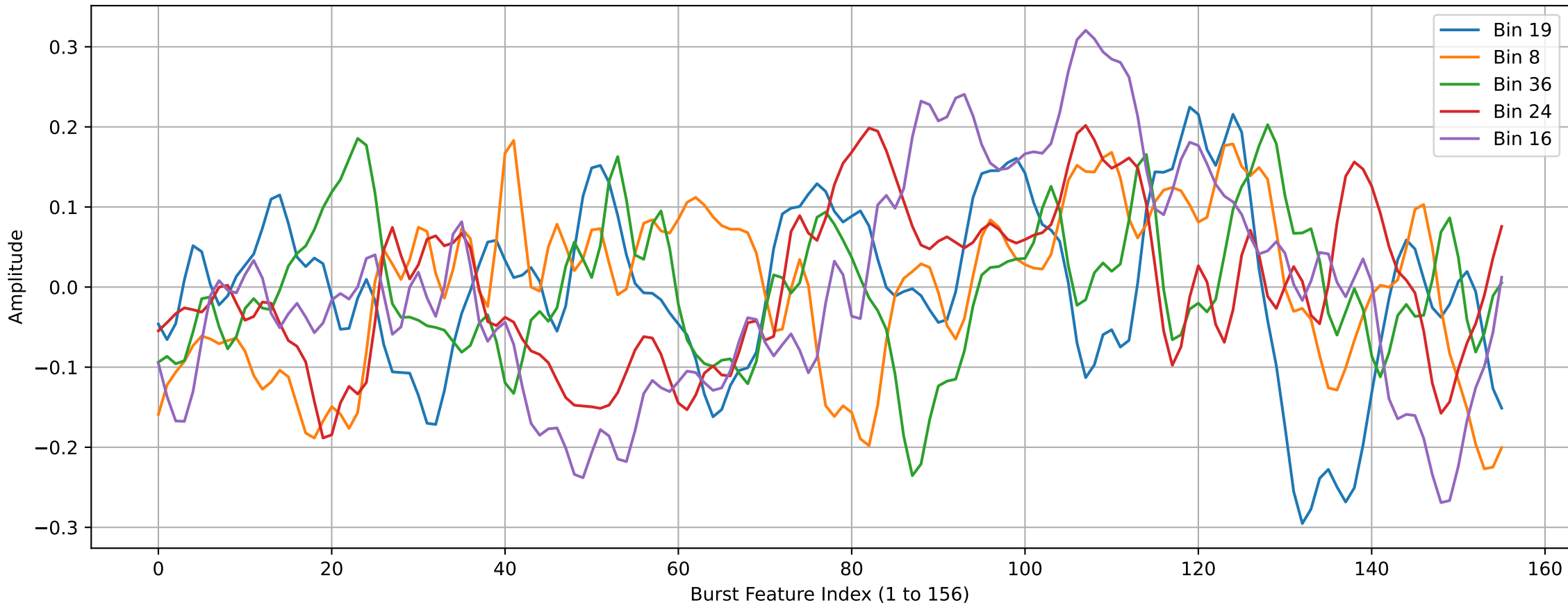
Val: Epoch 986  
MSE: 0.5953, R2: 0.4415



Attention Weights Across Time Bins (All Test Samples)

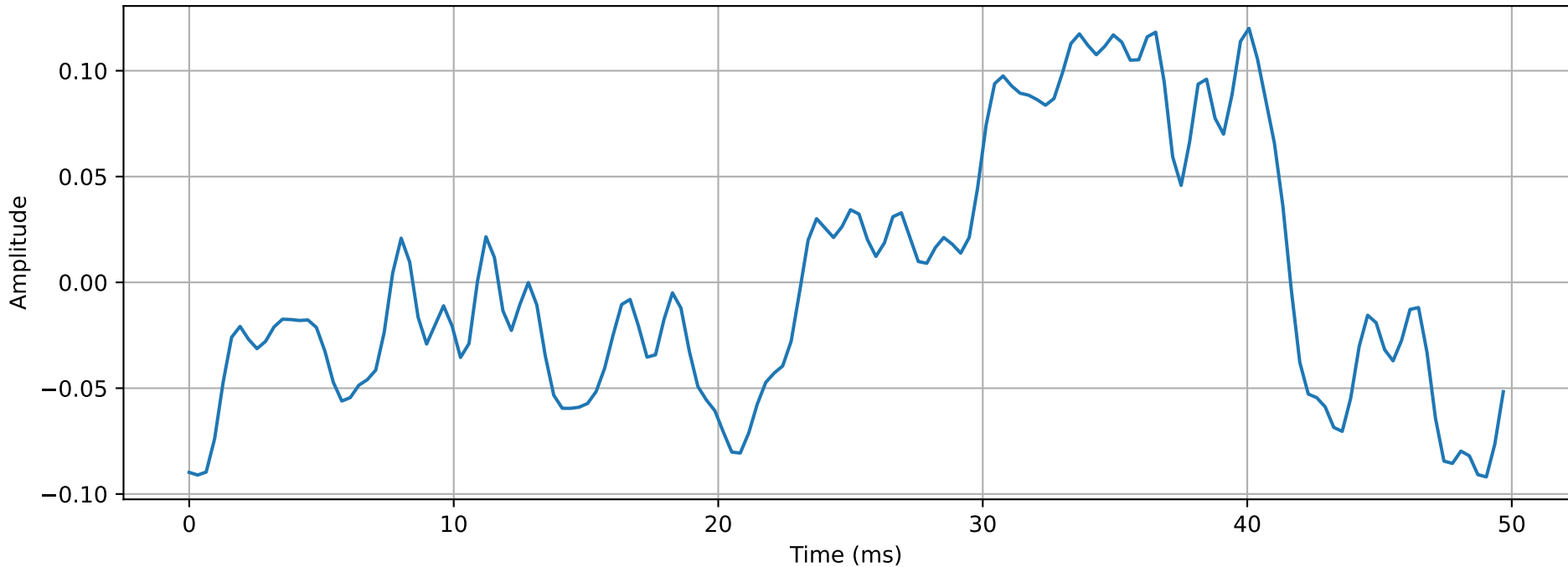


Waveform Shapes for Top Attention Bins (All Test Samples)

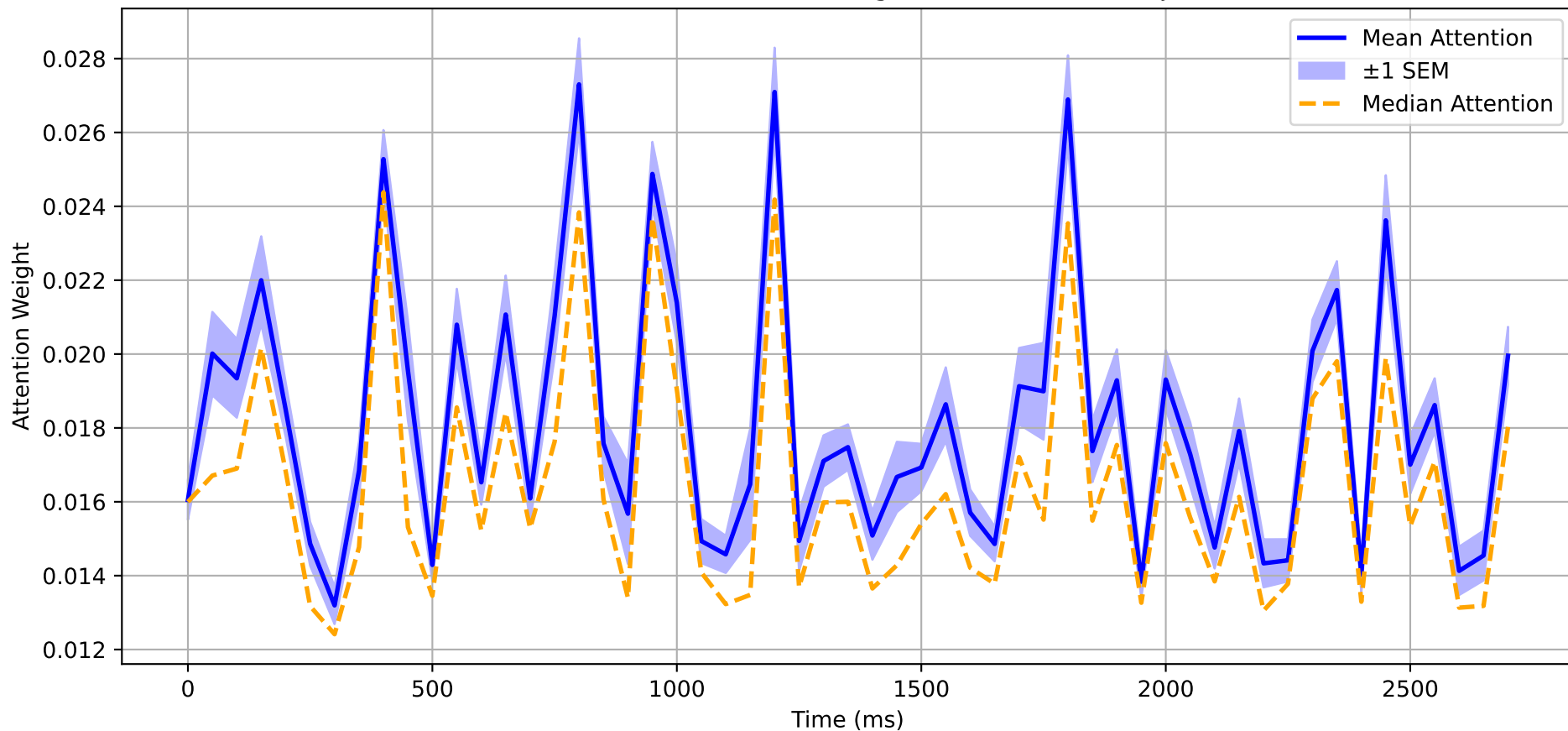




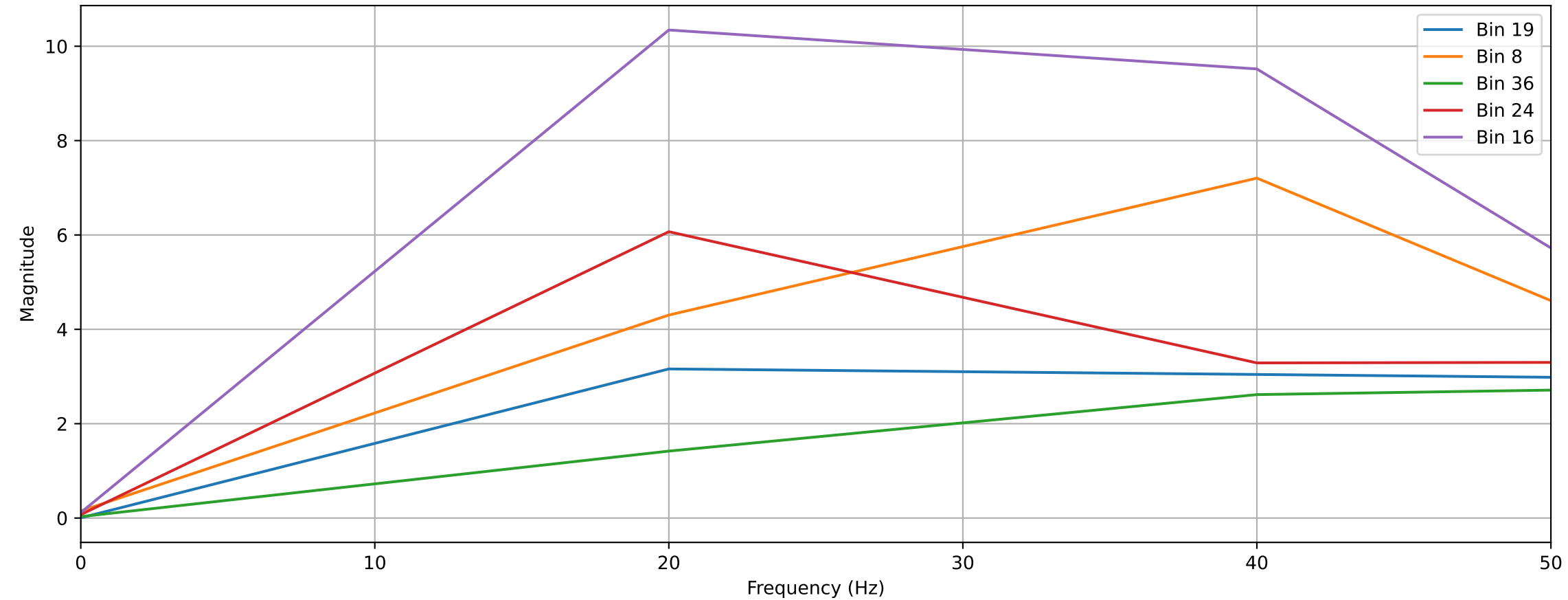
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

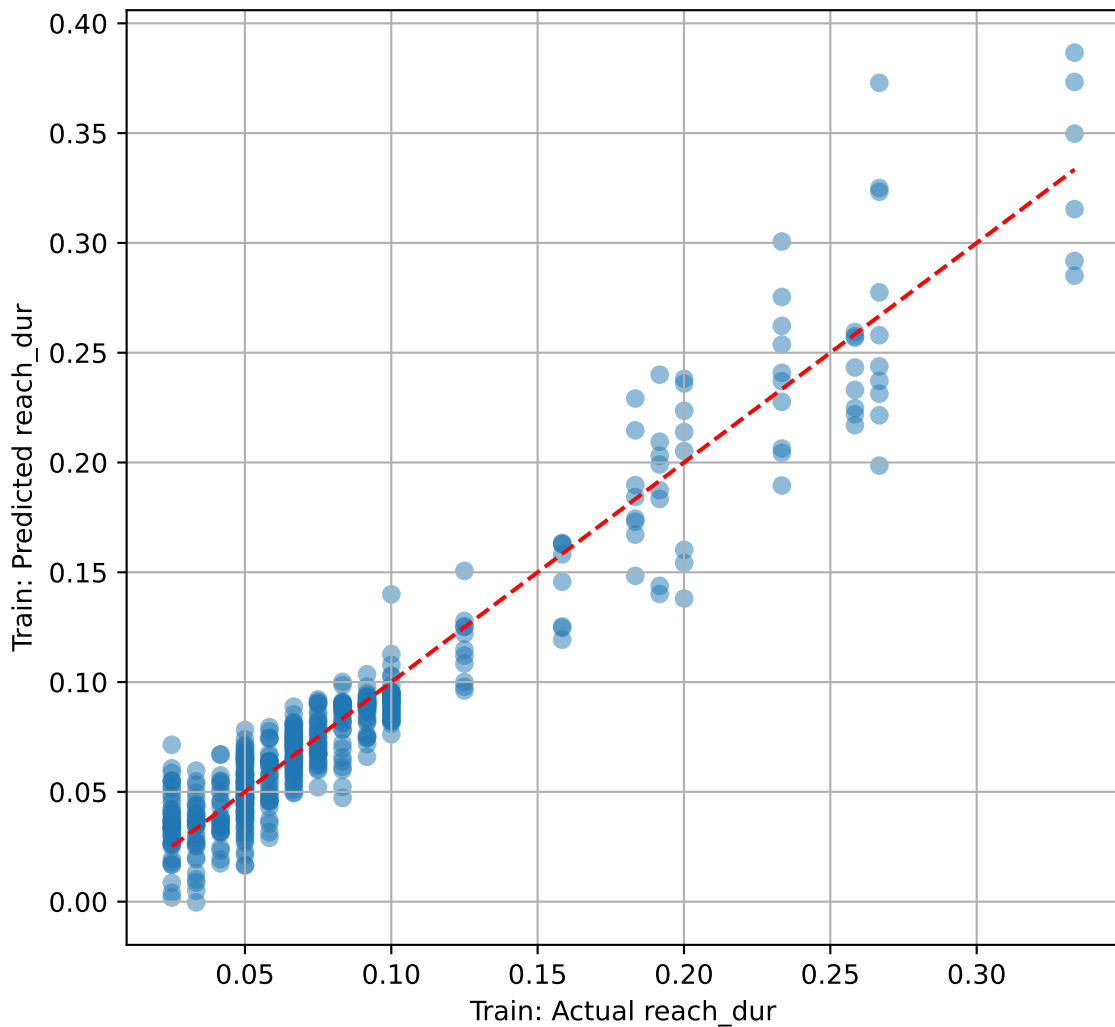


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

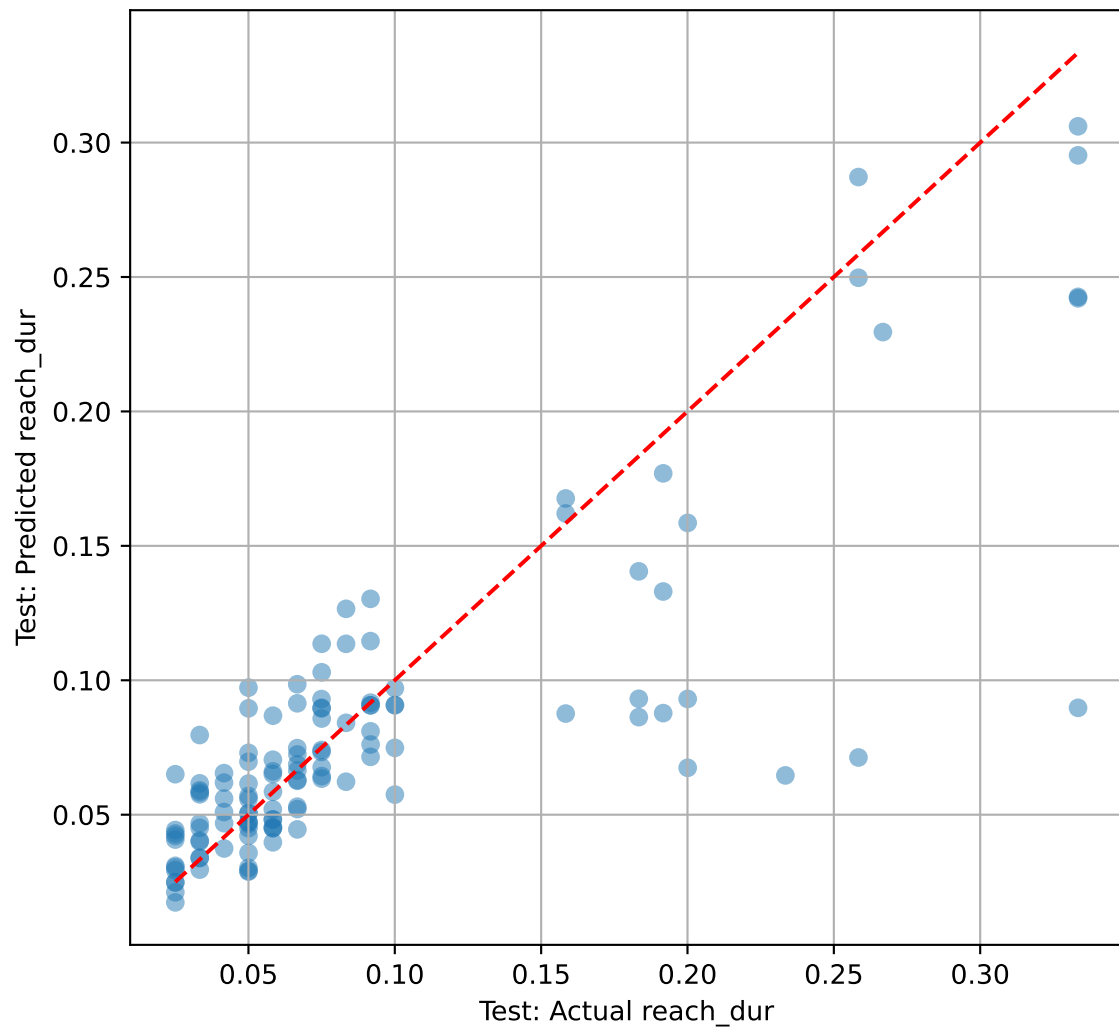


**sub-109**

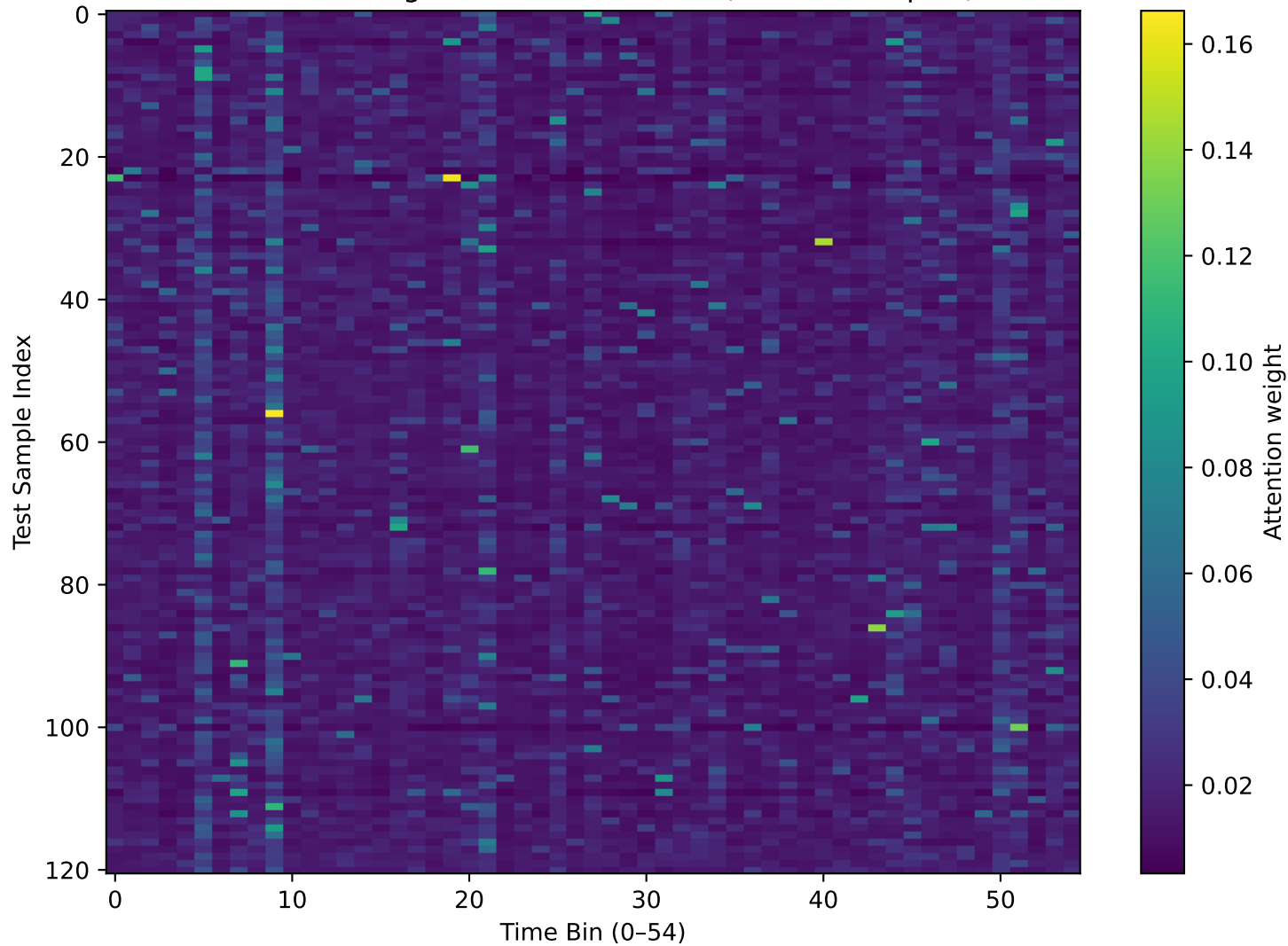
Train: Epoch 877  
MSE: 0.0728, R2: 0.9209



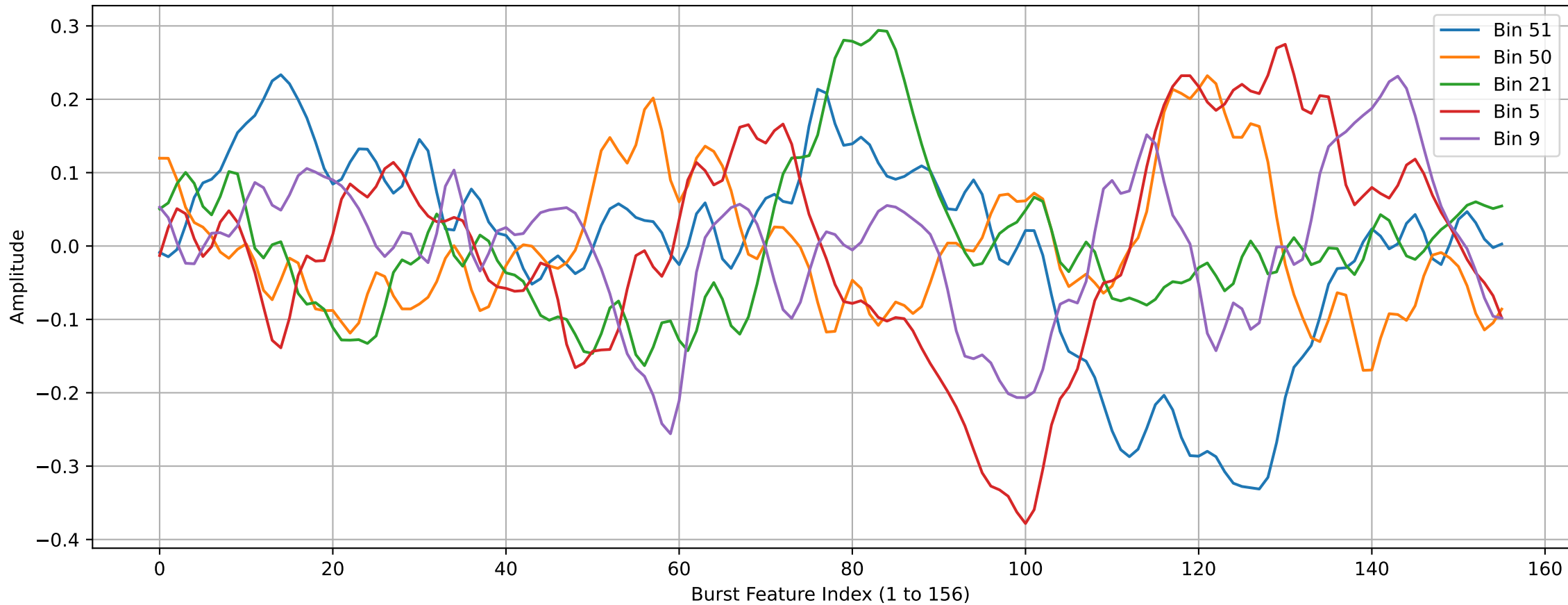
Val: Epoch 877  
MSE: 0.4678, R2: 0.6444



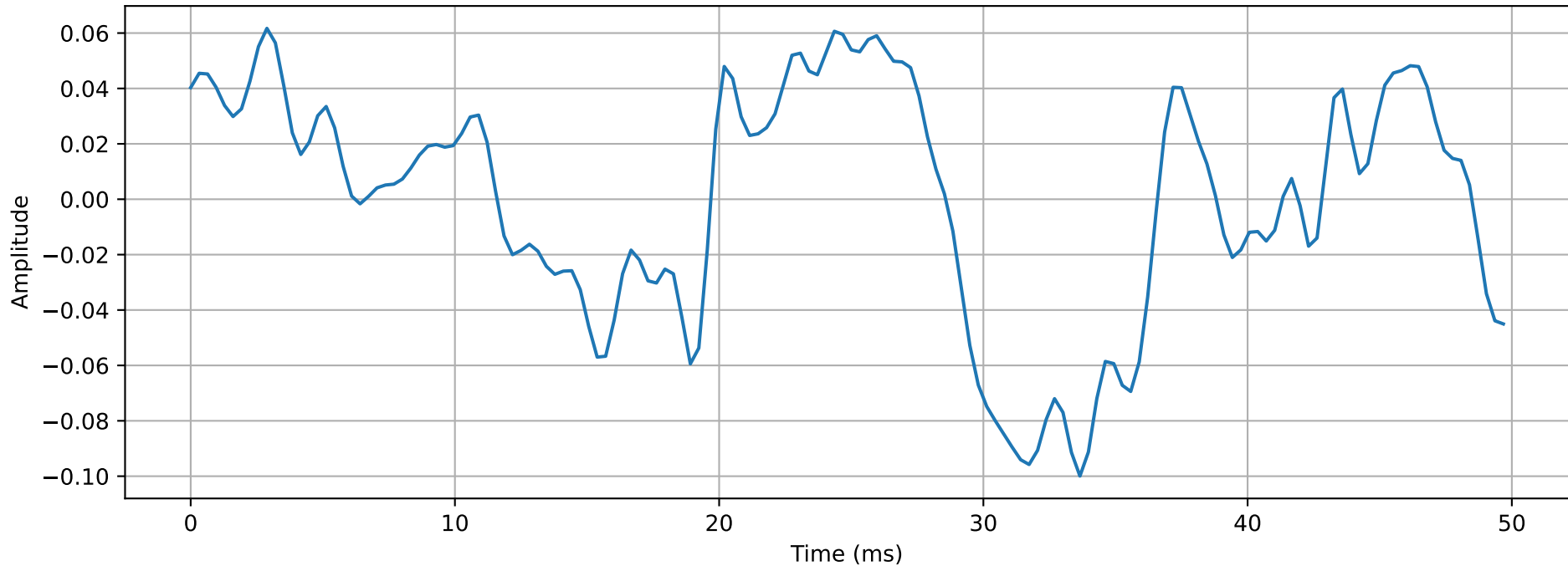
Attention Weights Across Time Bins (All Test Samples)



Waveform Shapes for Top Attention Bins (All Test Samples)

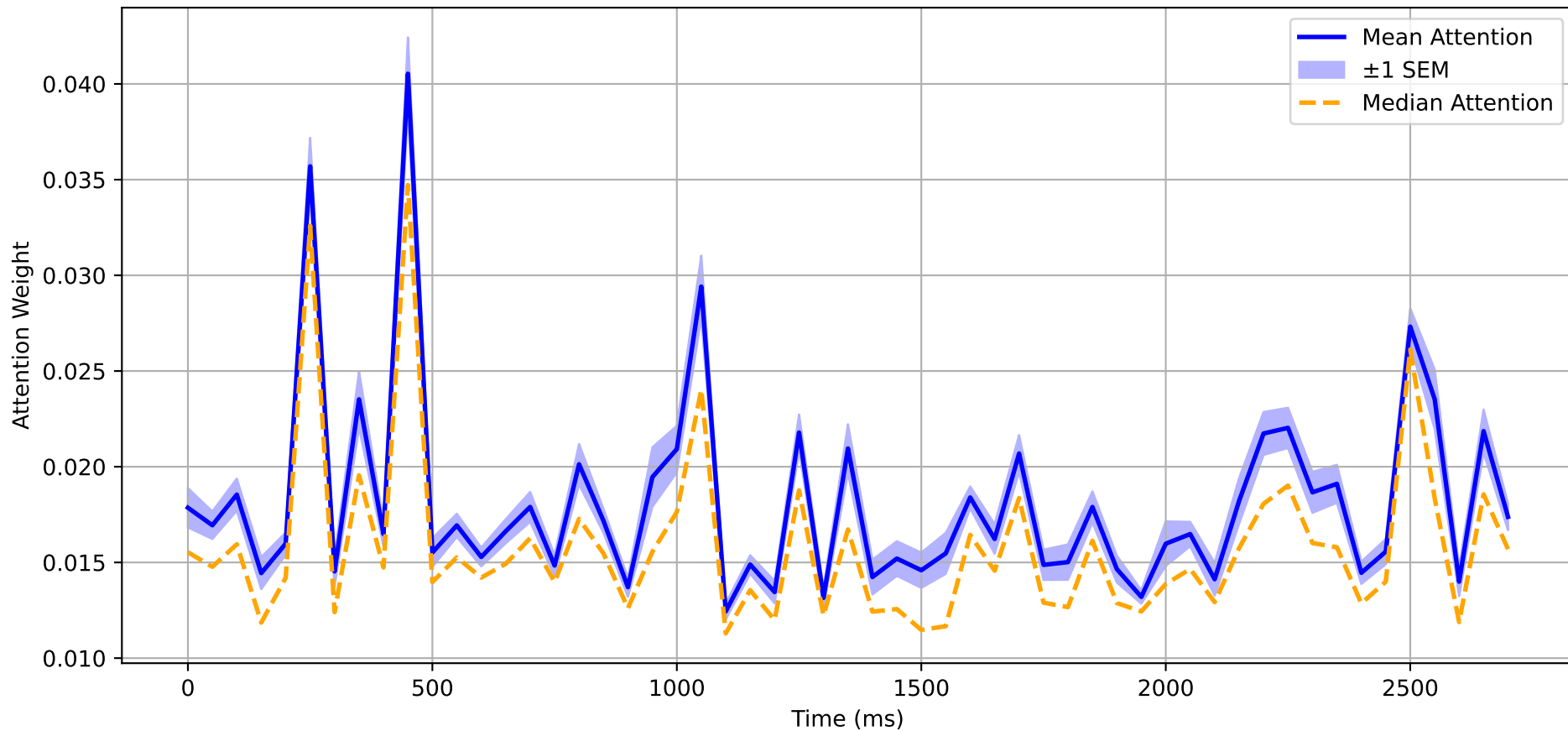


Average Burst Waveform from Top Attention Bins (All Test Samples)

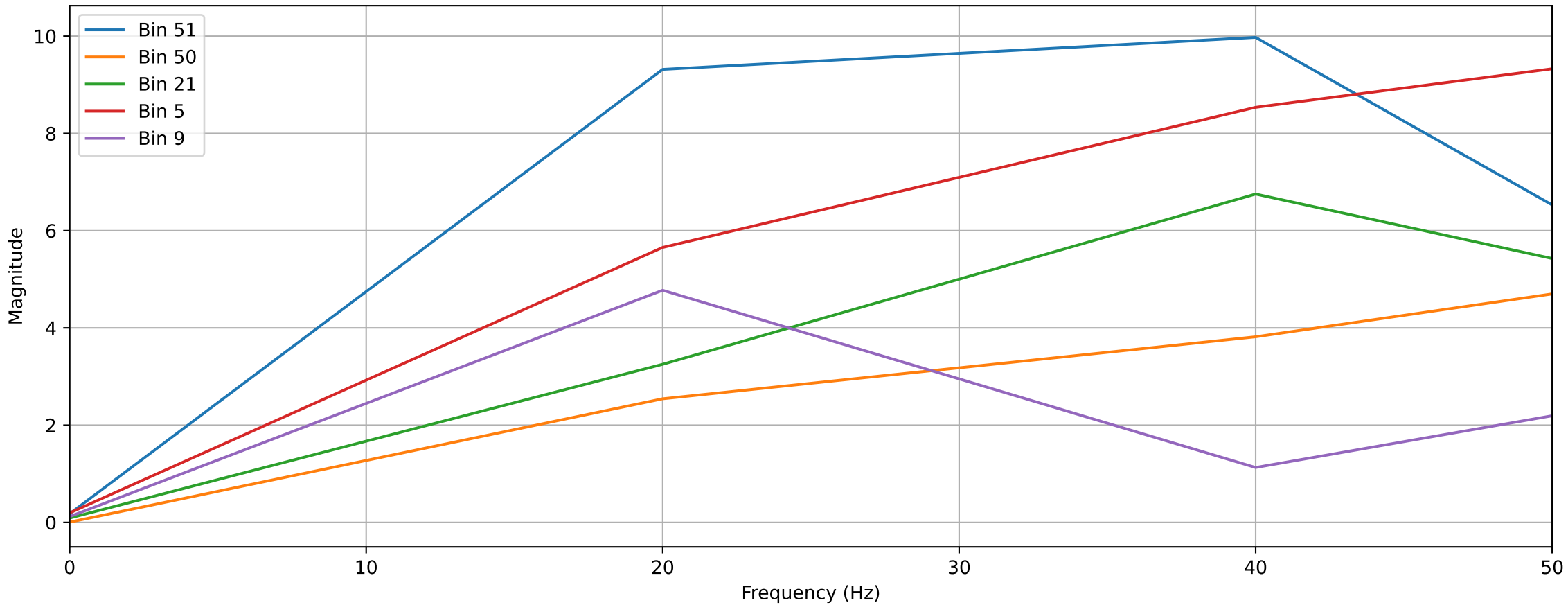




Mean & Median Attention Weights  $\pm$  SEM (This Subject)

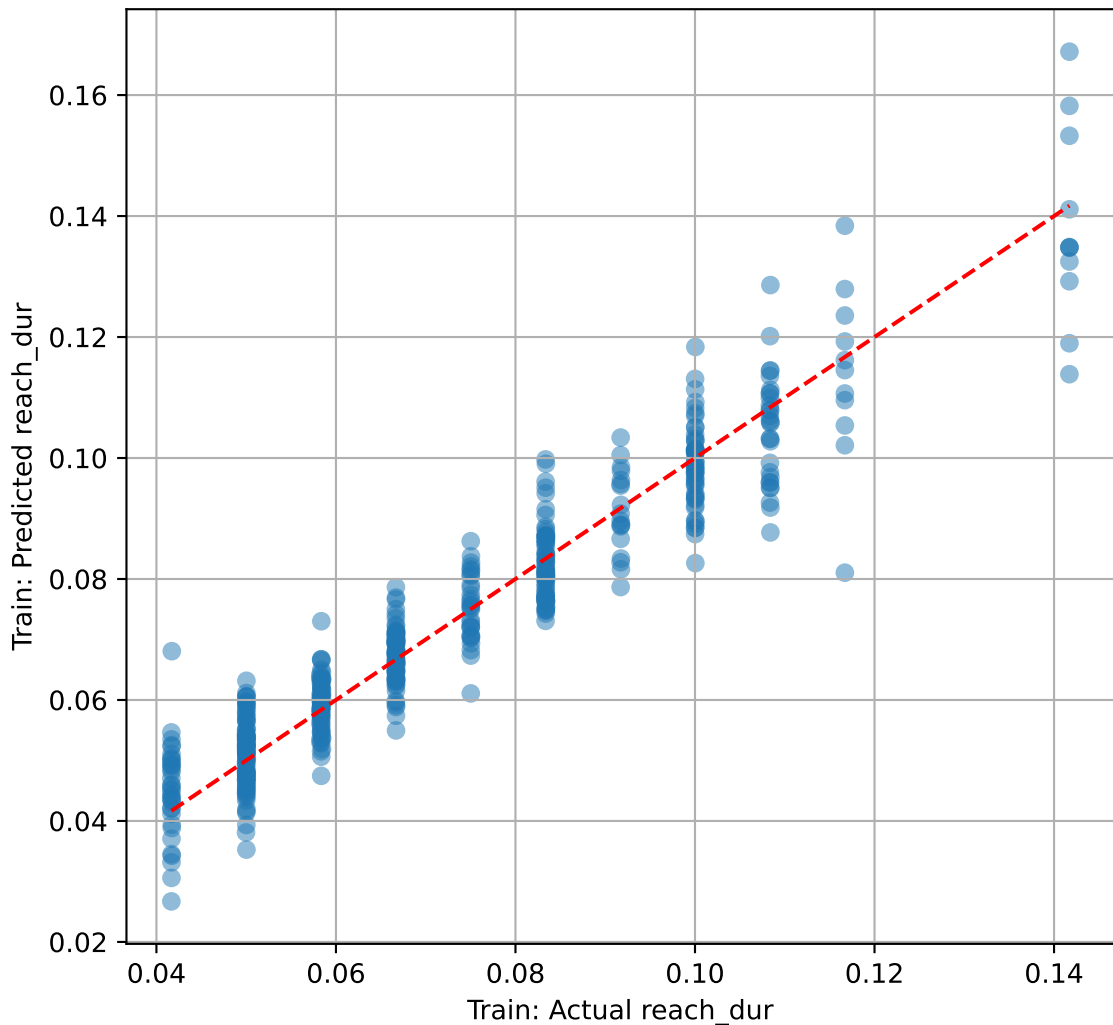


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

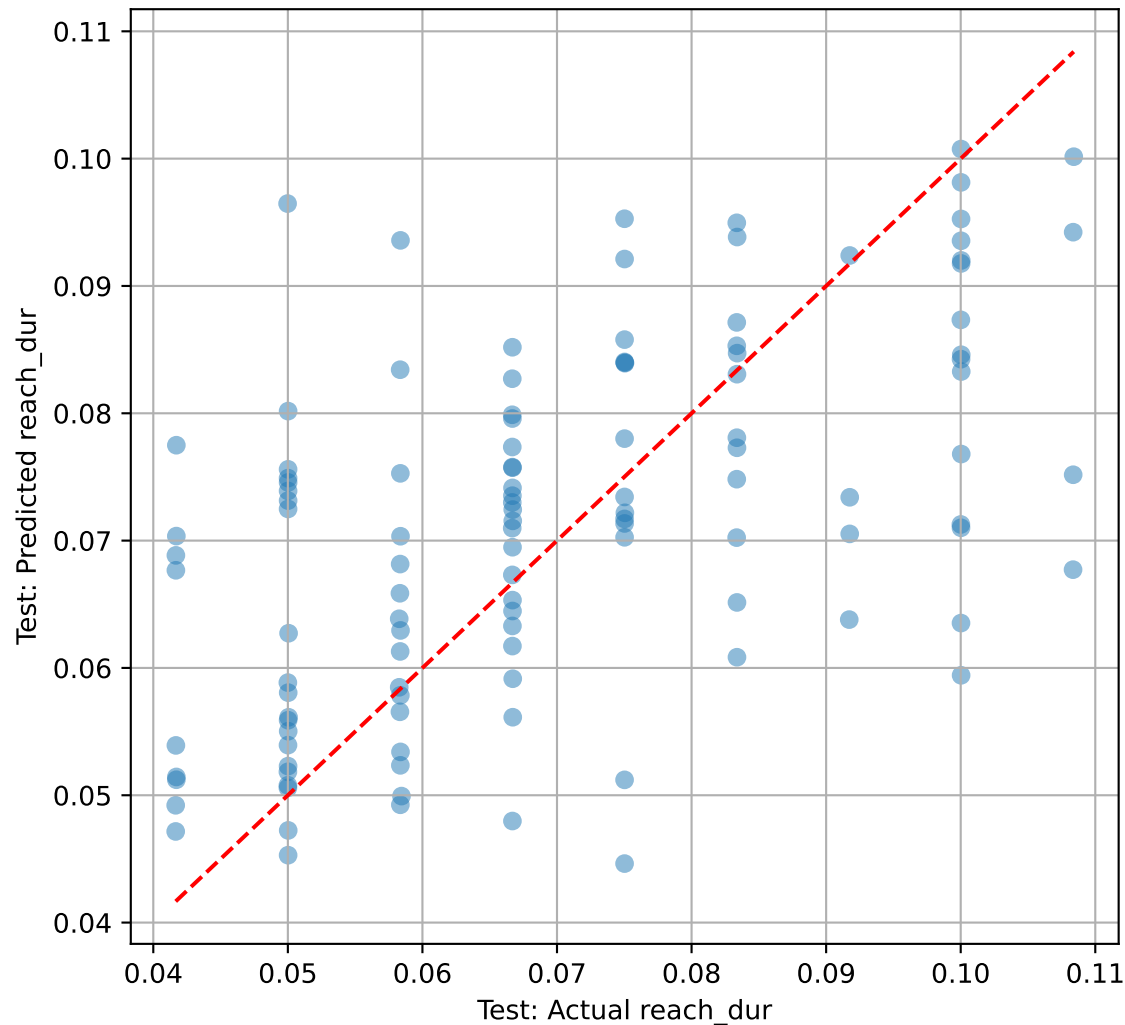


**sub-110**

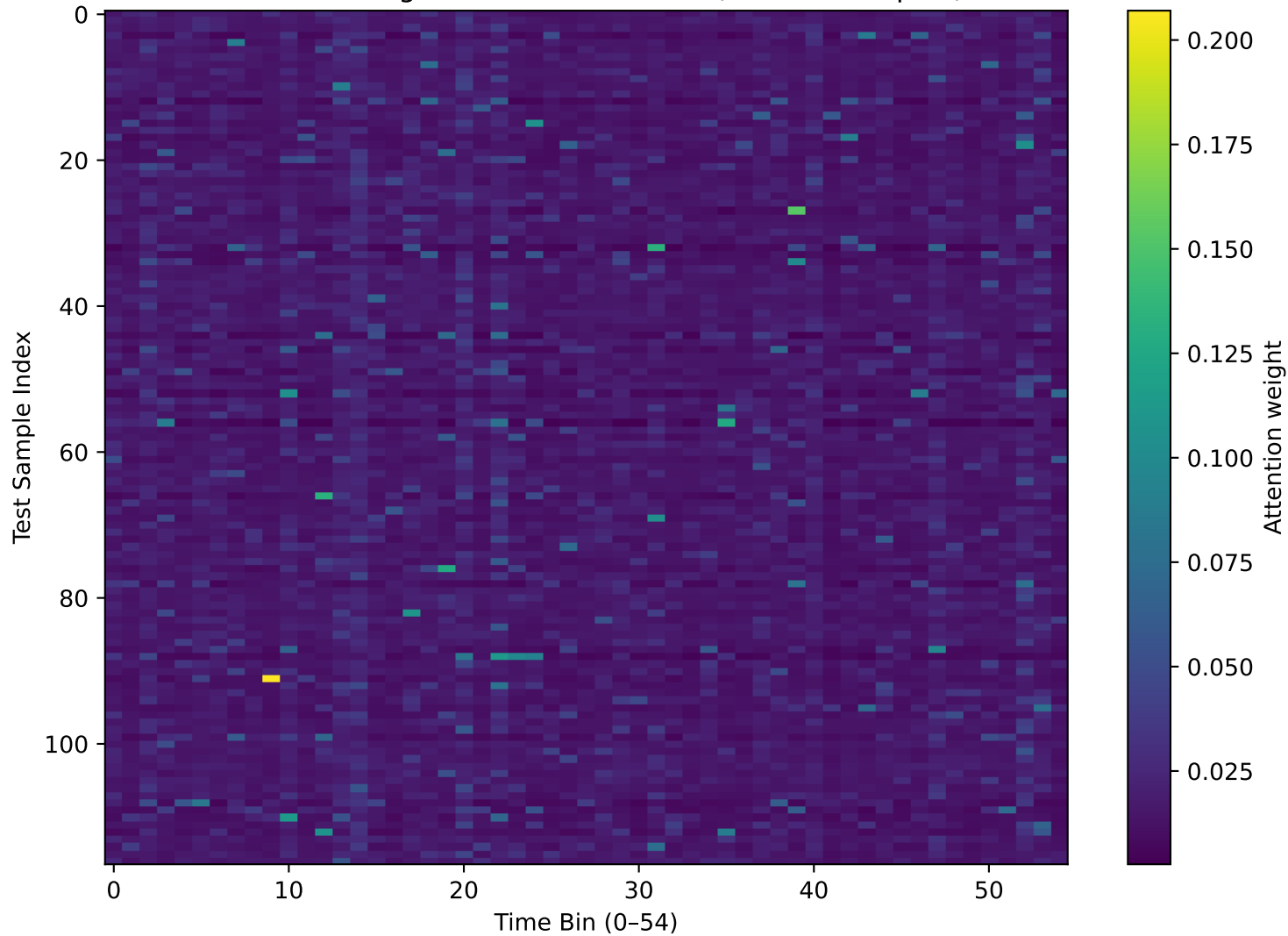
Train: Epoch 990  
MSE: 0.0946, R2: 0.9117



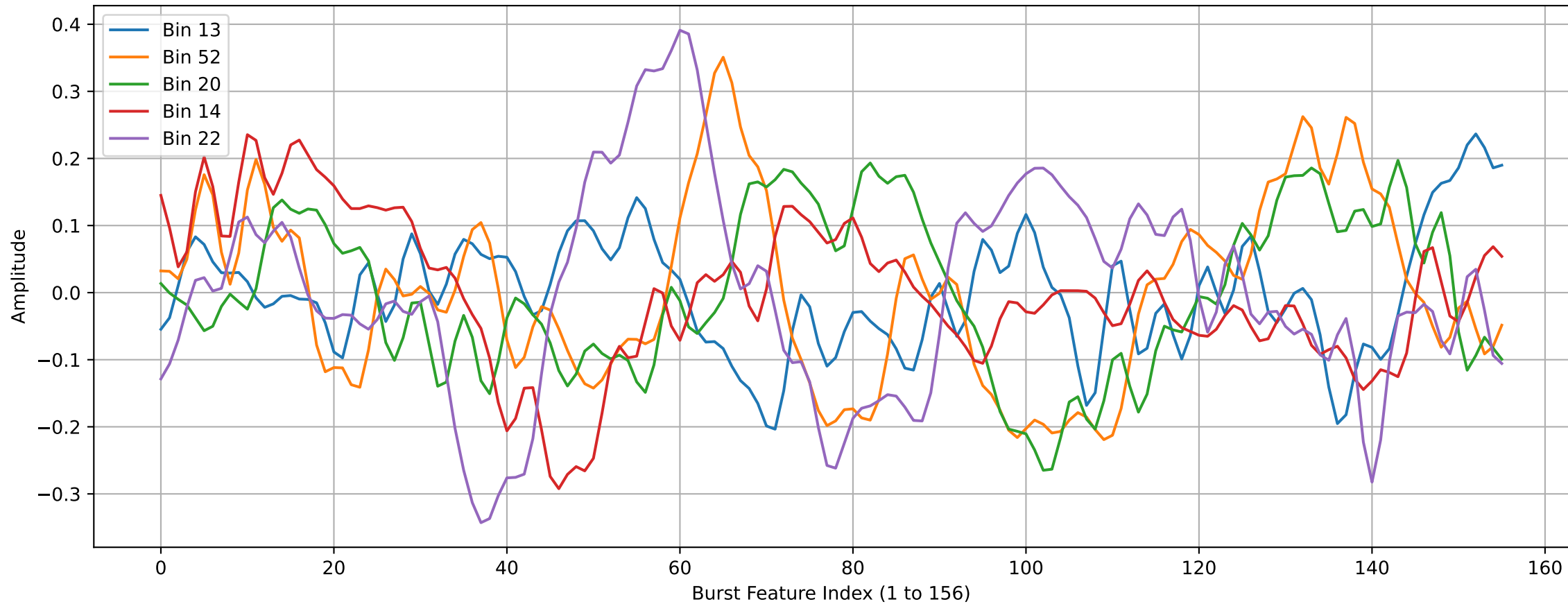
Val: Epoch 990  
MSE: 0.5088, R2: 0.2676



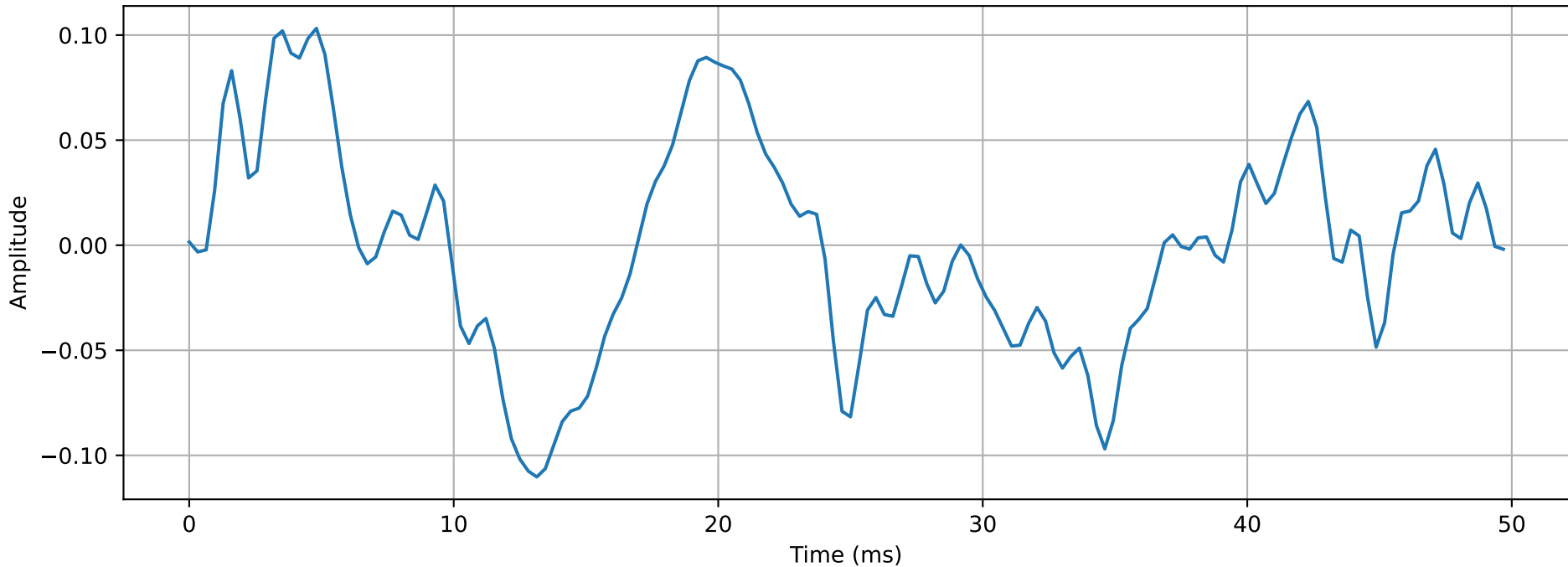
Attention Weights Across Time Bins (All Test Samples)



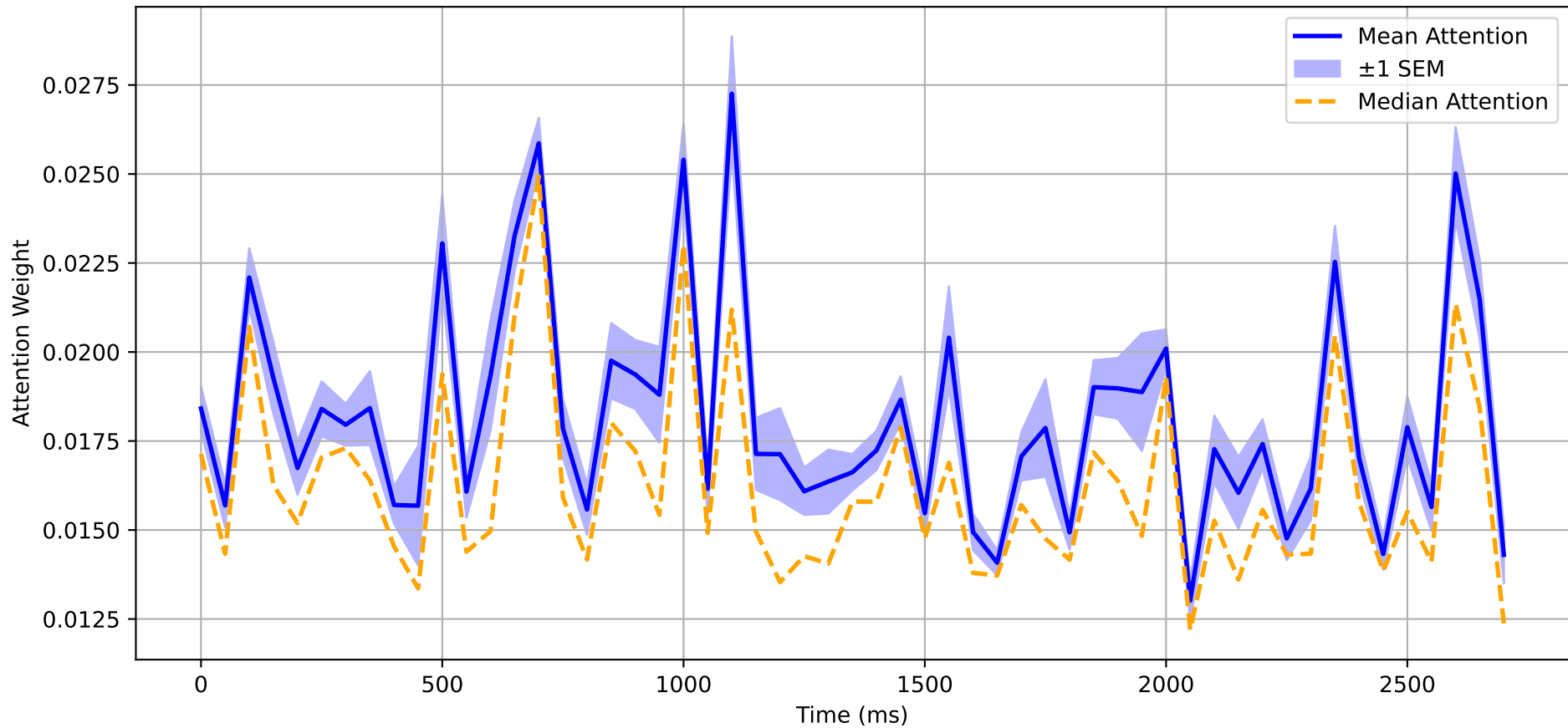
Waveform Shapes for Top Attention Bins (All Test Samples)



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

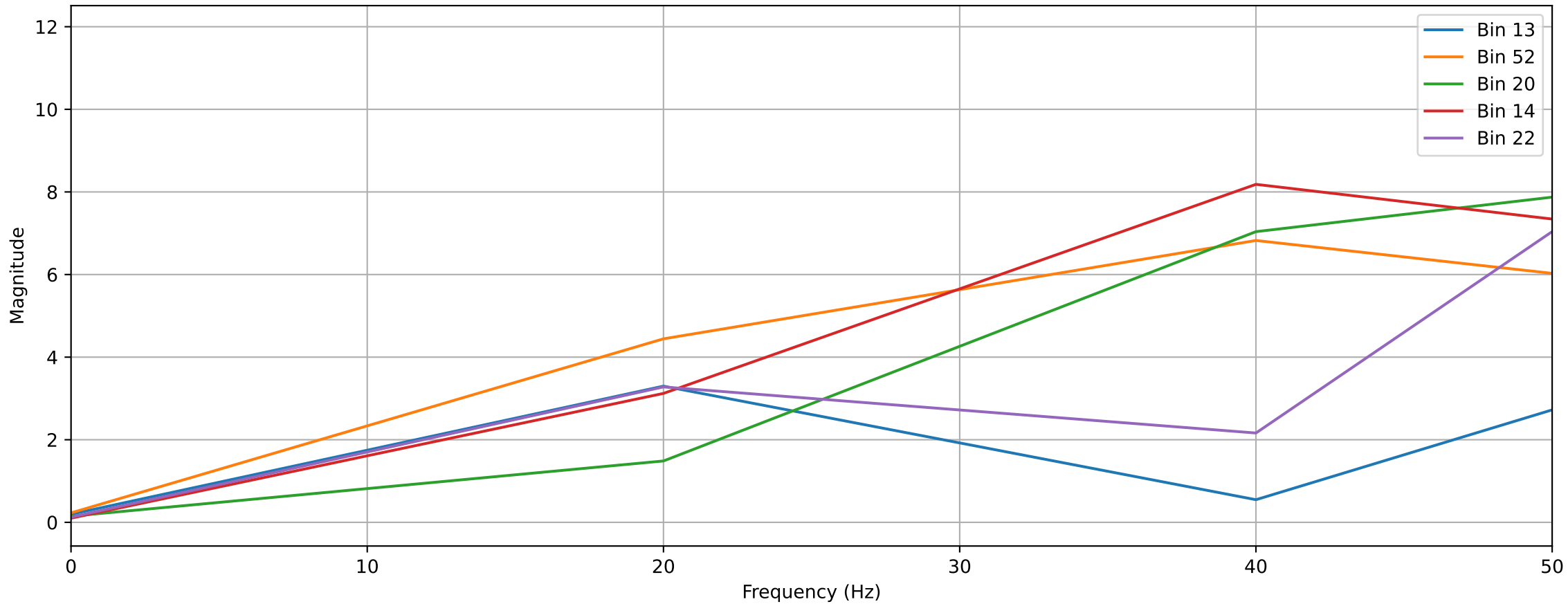


Mean & Median Attention Weights  $\pm$  SEM (This Subject)



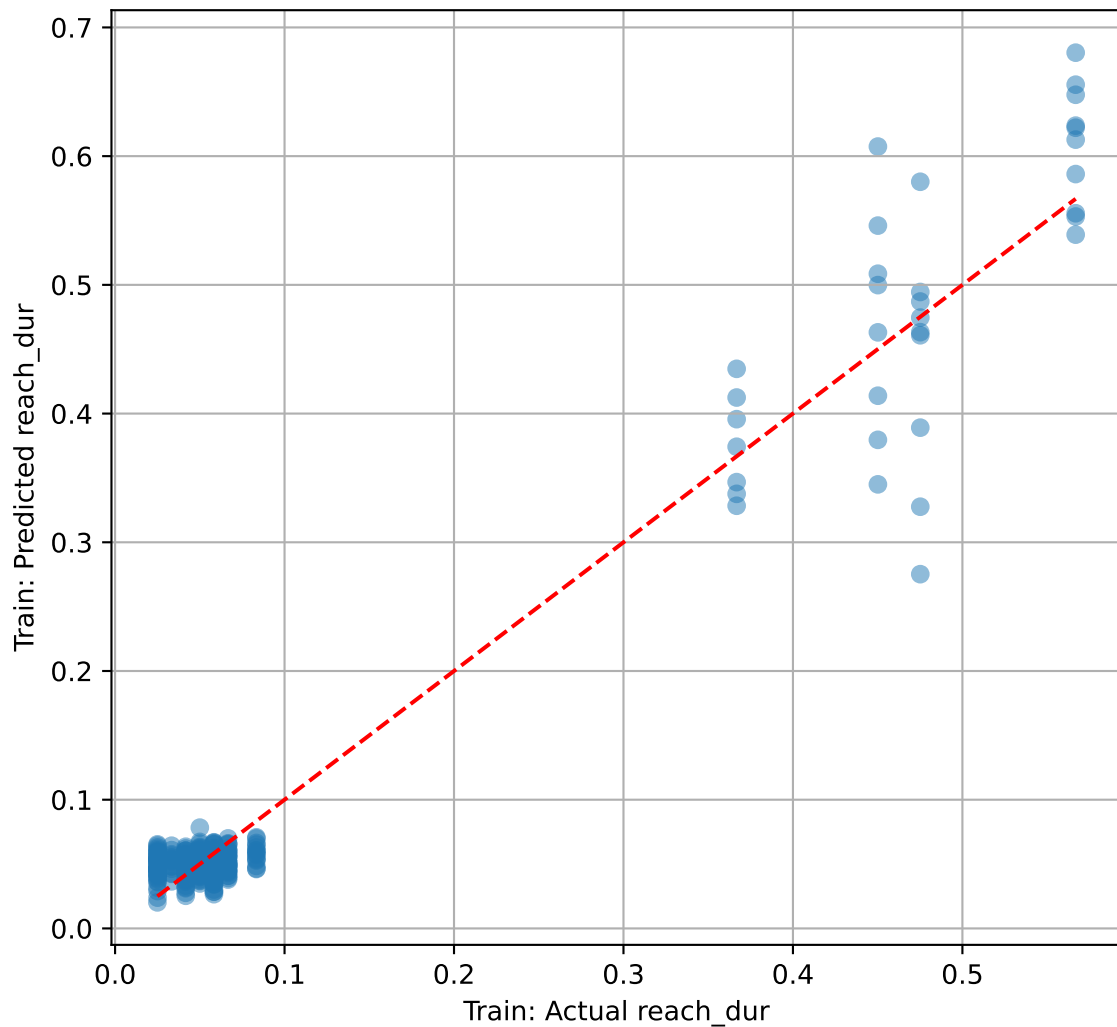


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

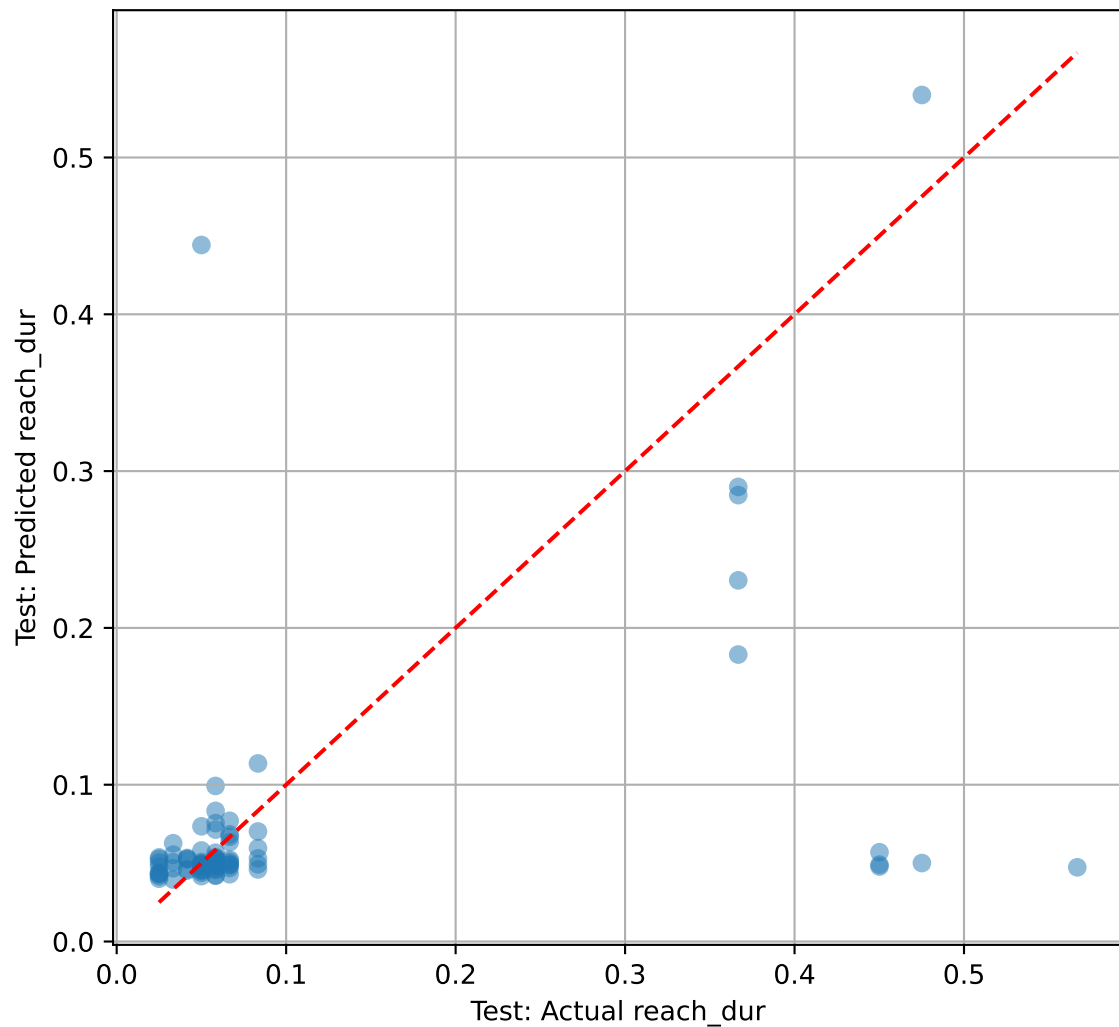


**sub-111**

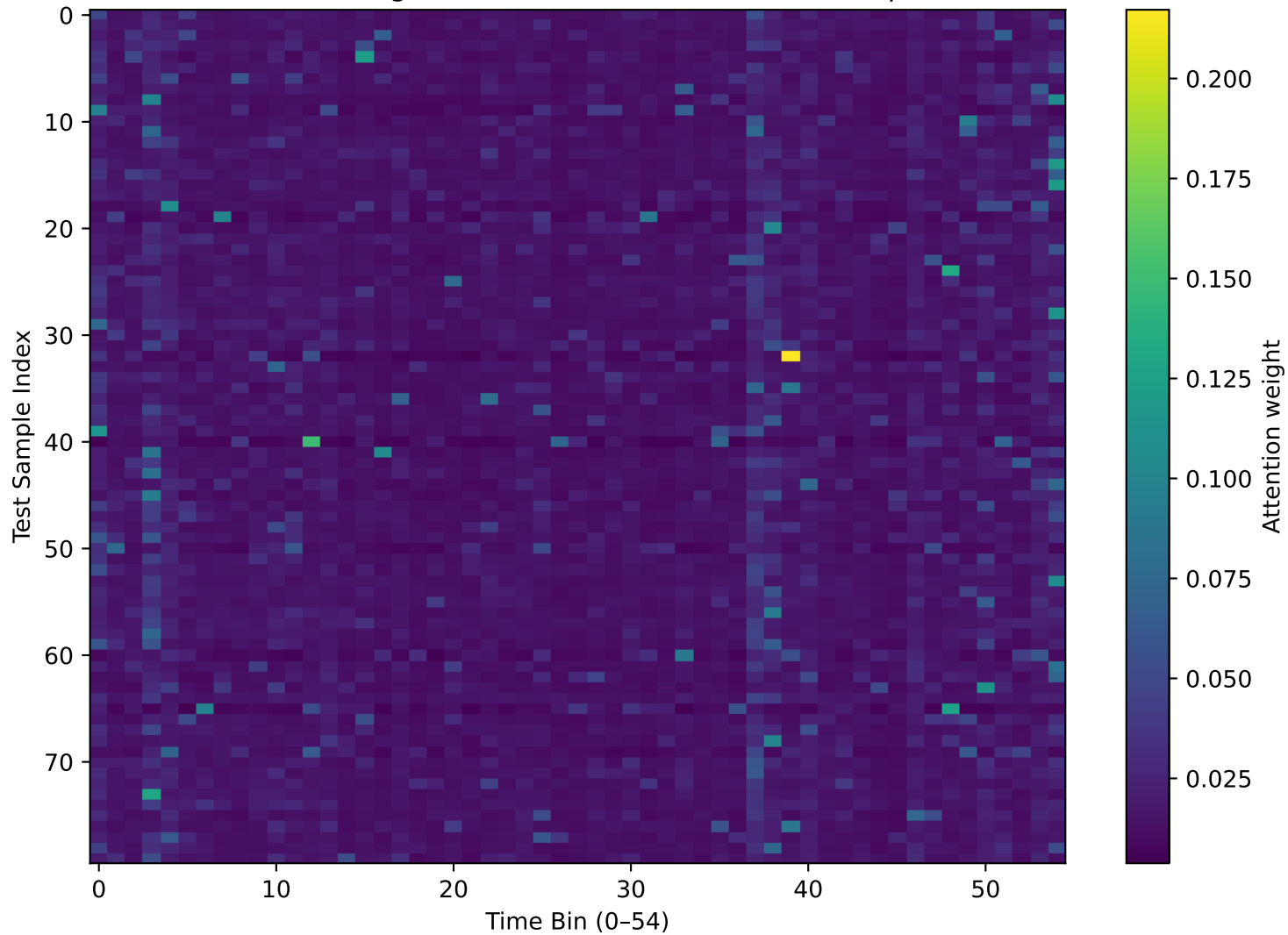
Train: Epoch 882  
MSE: 0.0469, R2: 0.9539



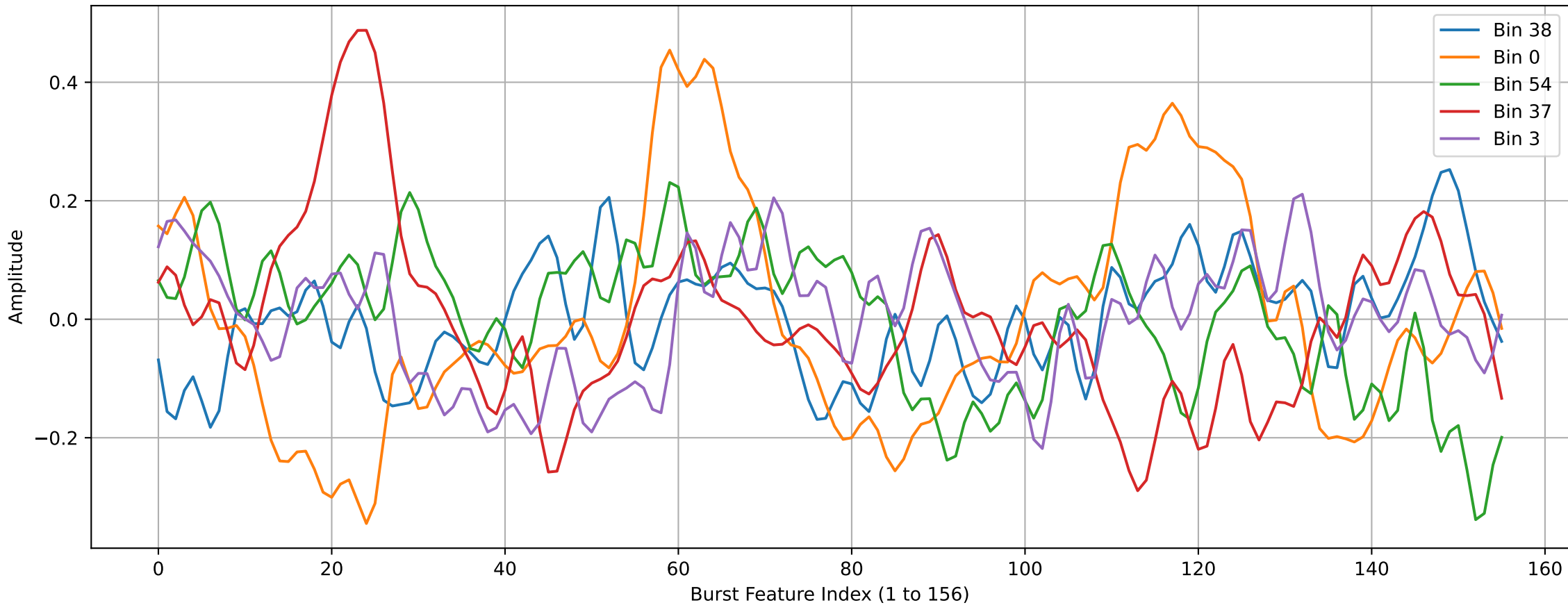
Val: Epoch 882  
MSE: 0.8252, R2: 0.1164



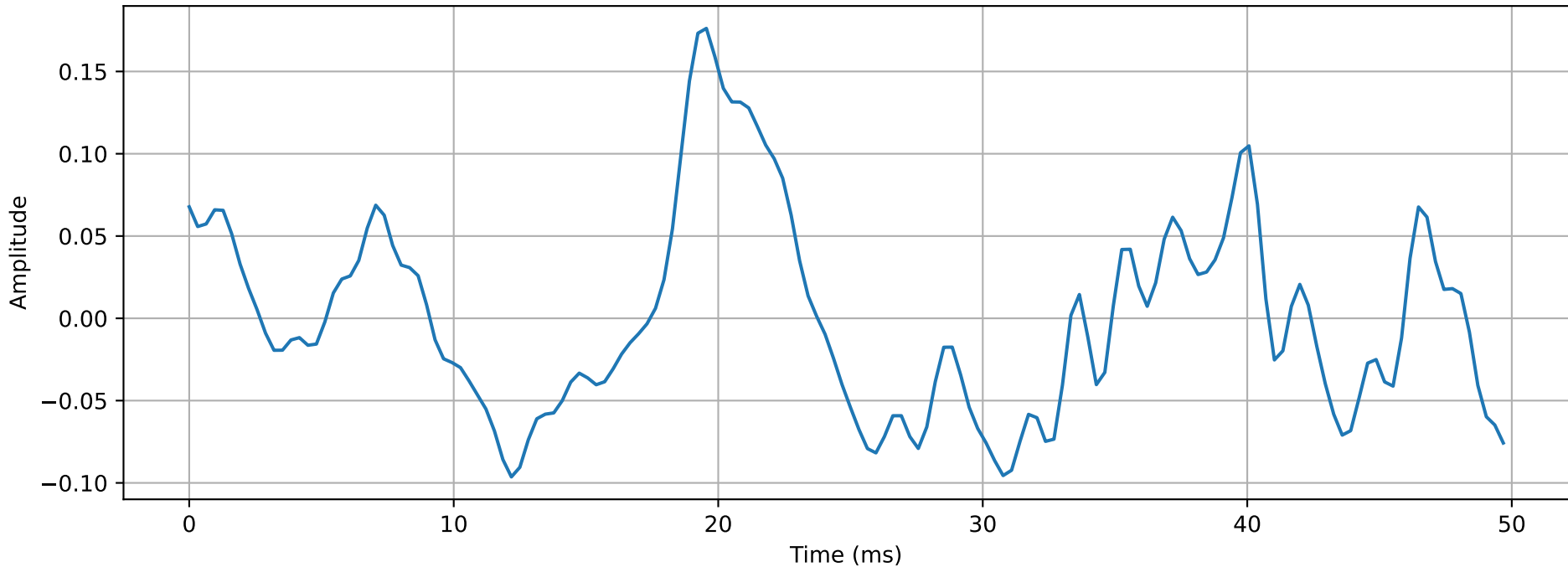
Attention Weights Across Time Bins (All Test Samples)



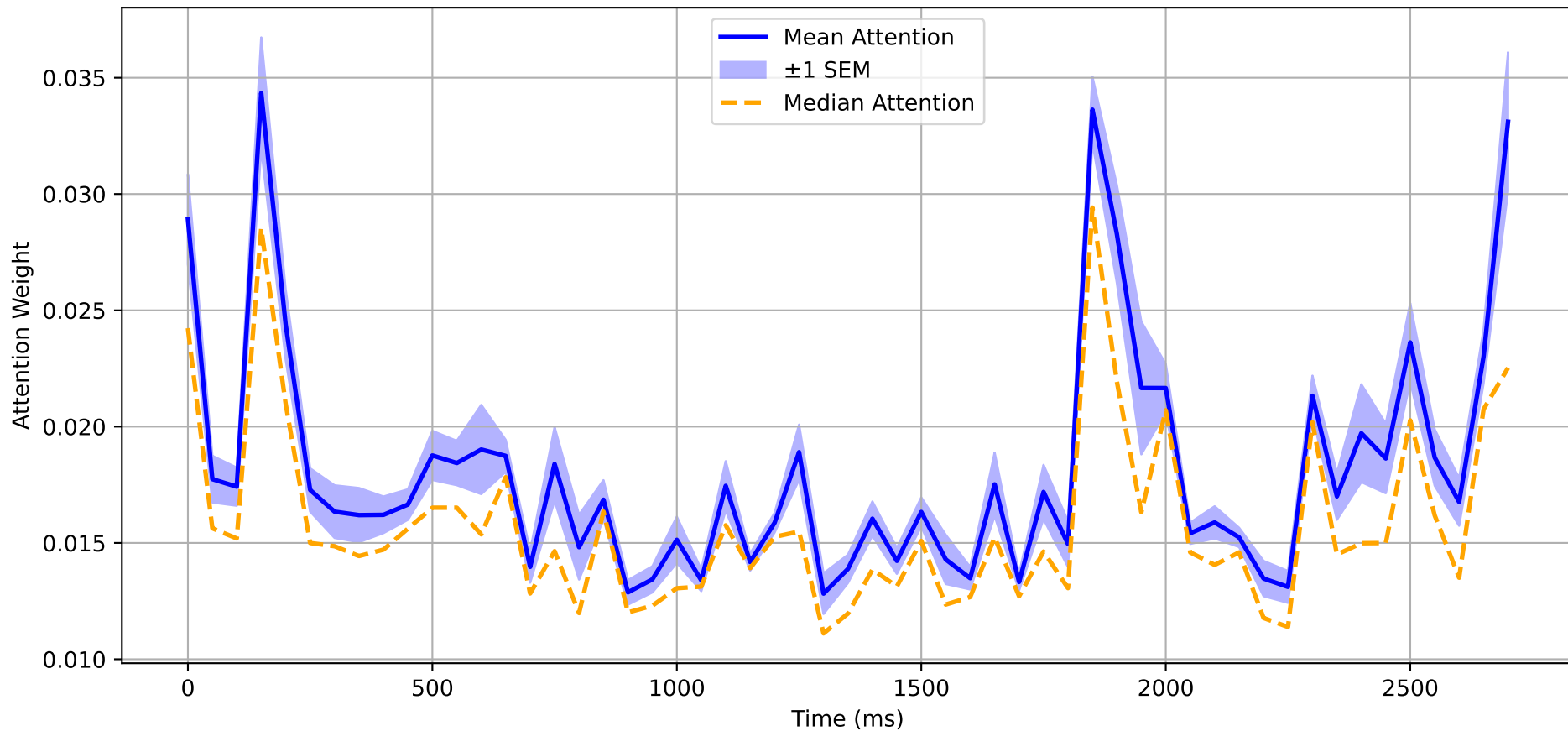
Waveform Shapes for Top Attention Bins (All Test Samples)



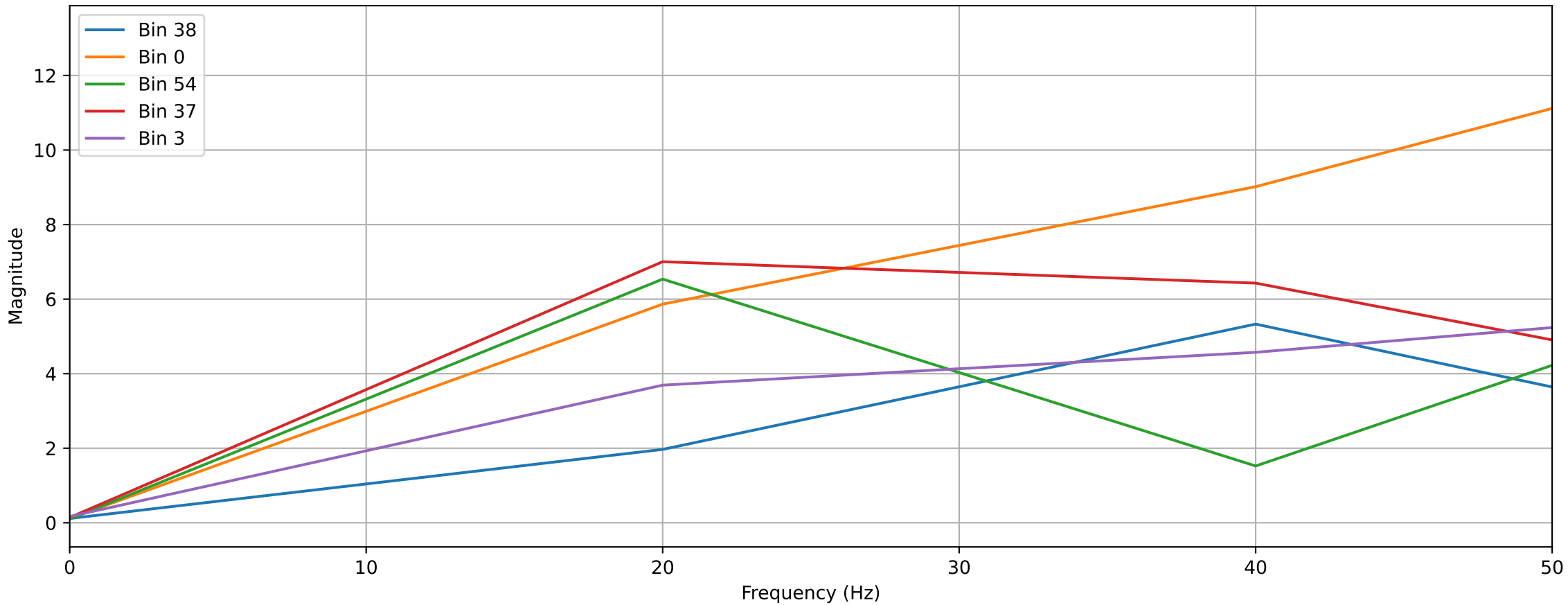
Average Burst Waveform from Top Attention Bins (All Test Samples)



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



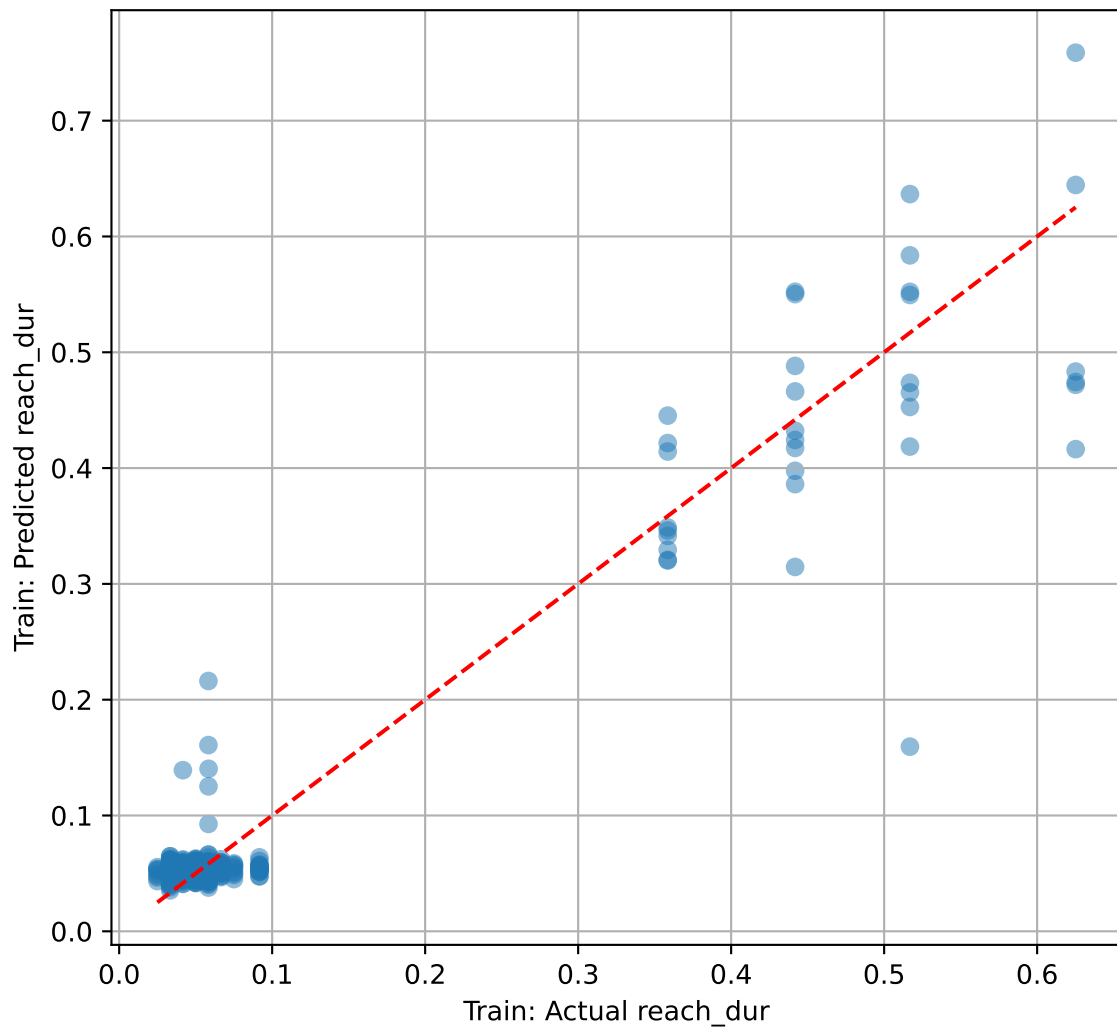
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



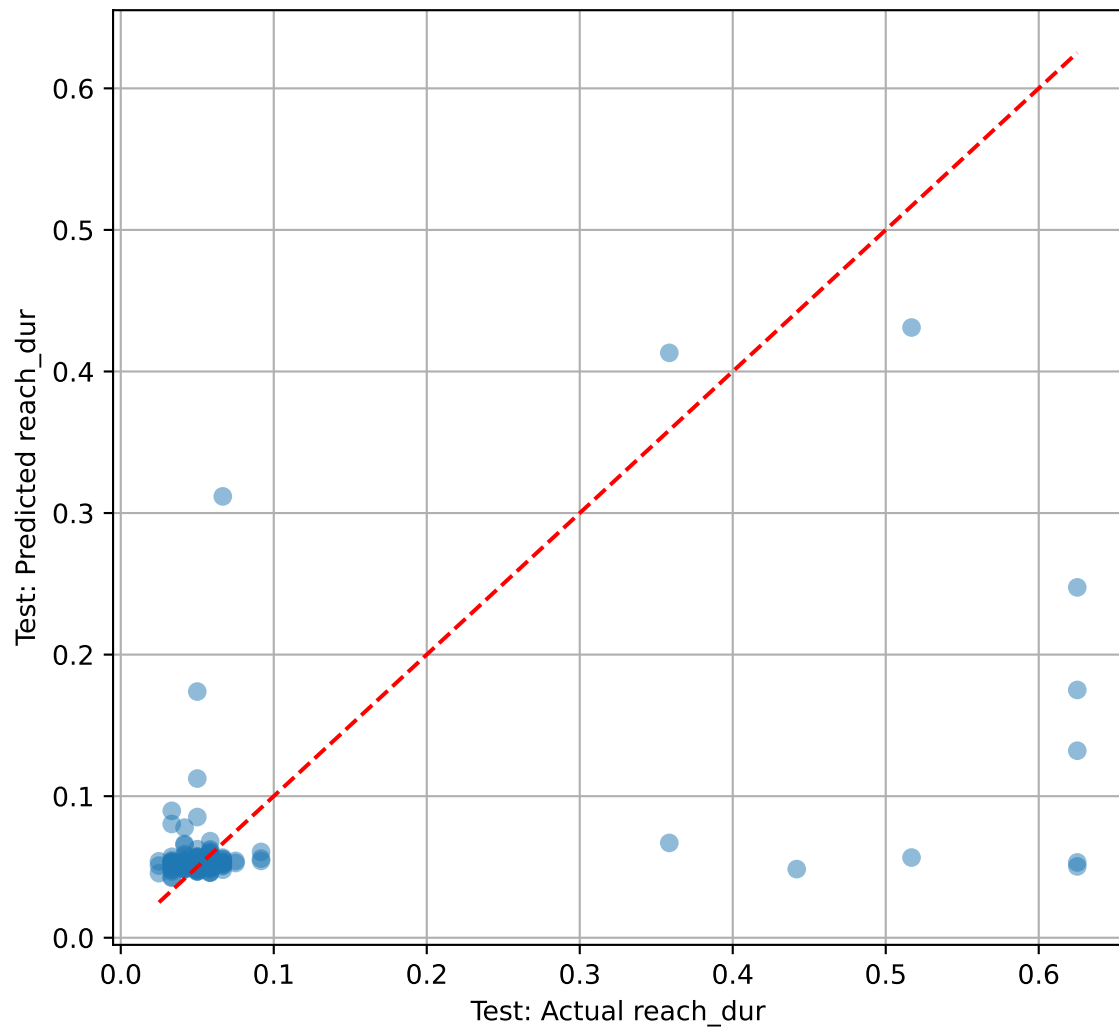


**sub-113**

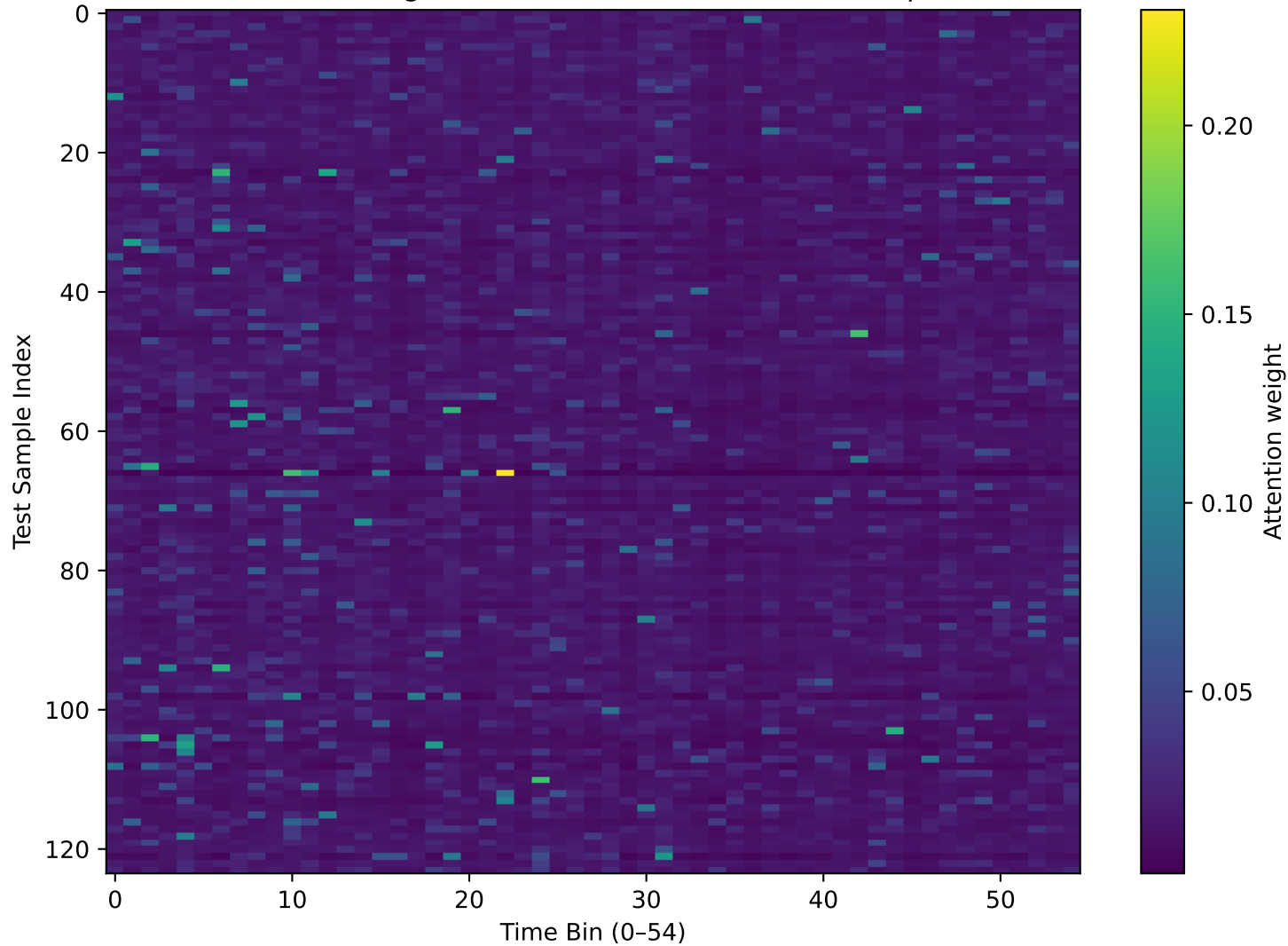
Train: Epoch 552  
MSE: 0.0777, R2: 0.9144



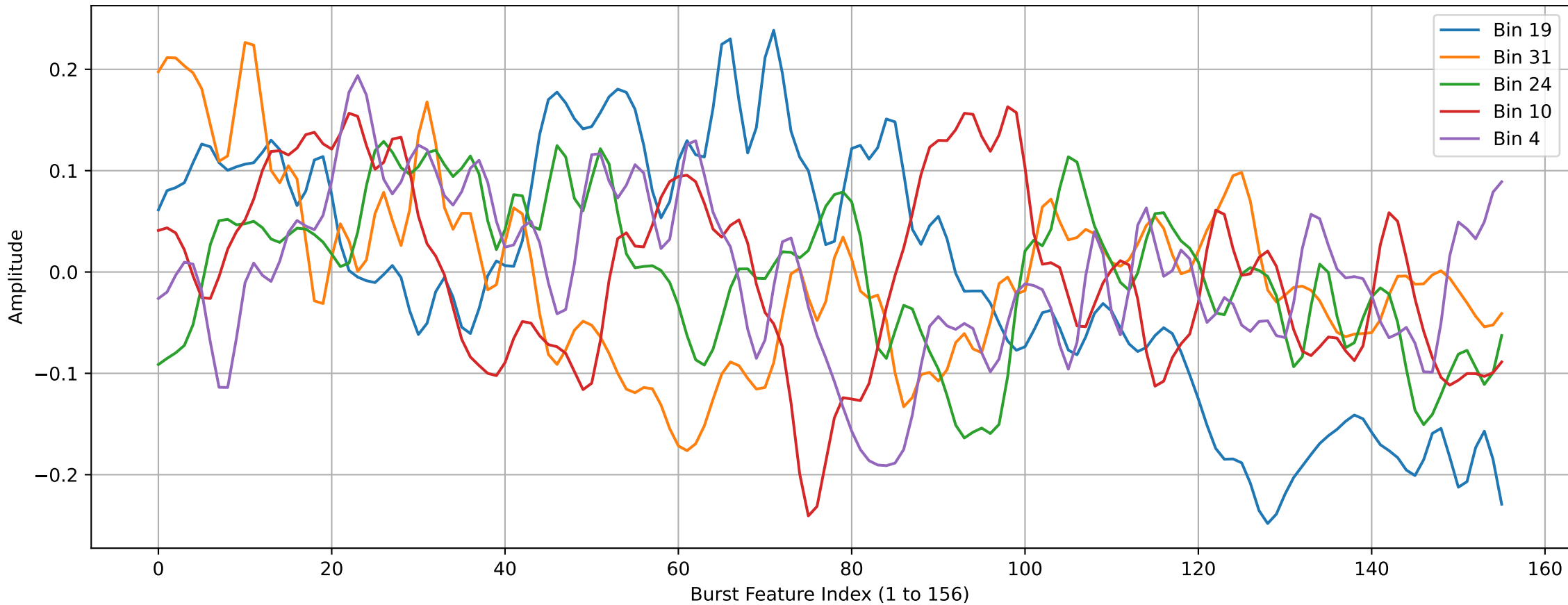
Val: Epoch 552  
MSE: 1.0901, R2: 0.1986



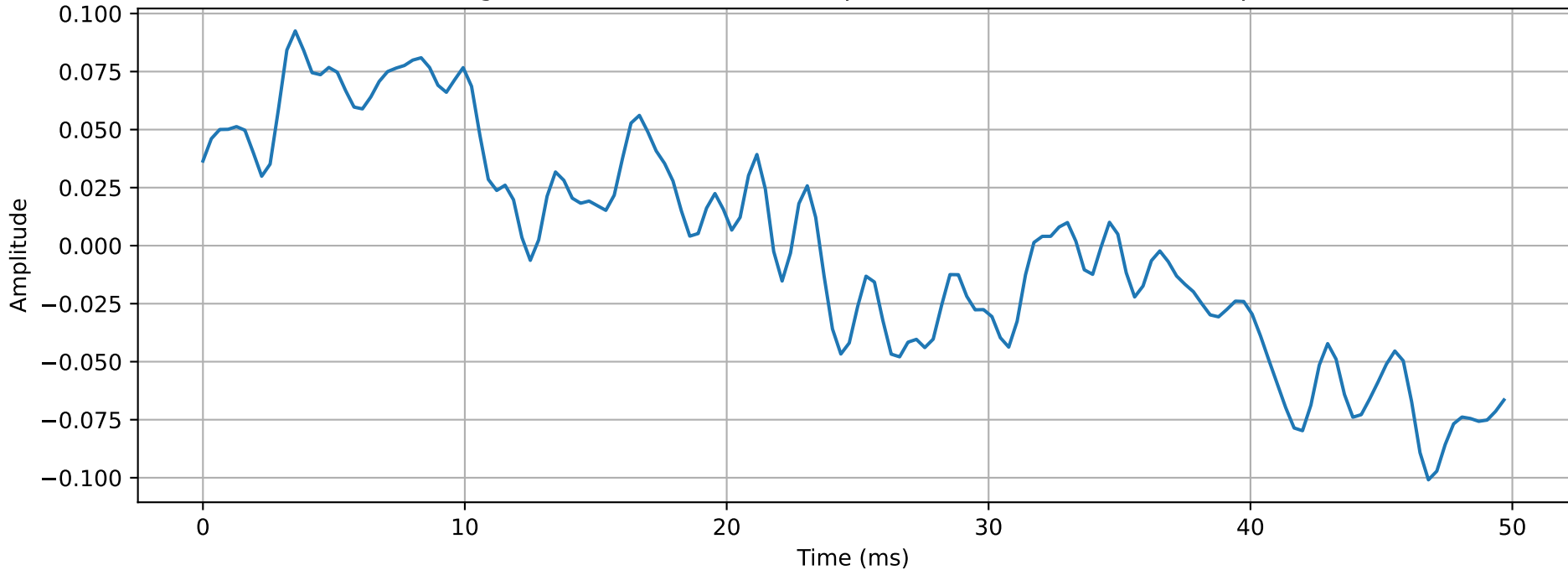
Attention Weights Across Time Bins (All Test Samples)



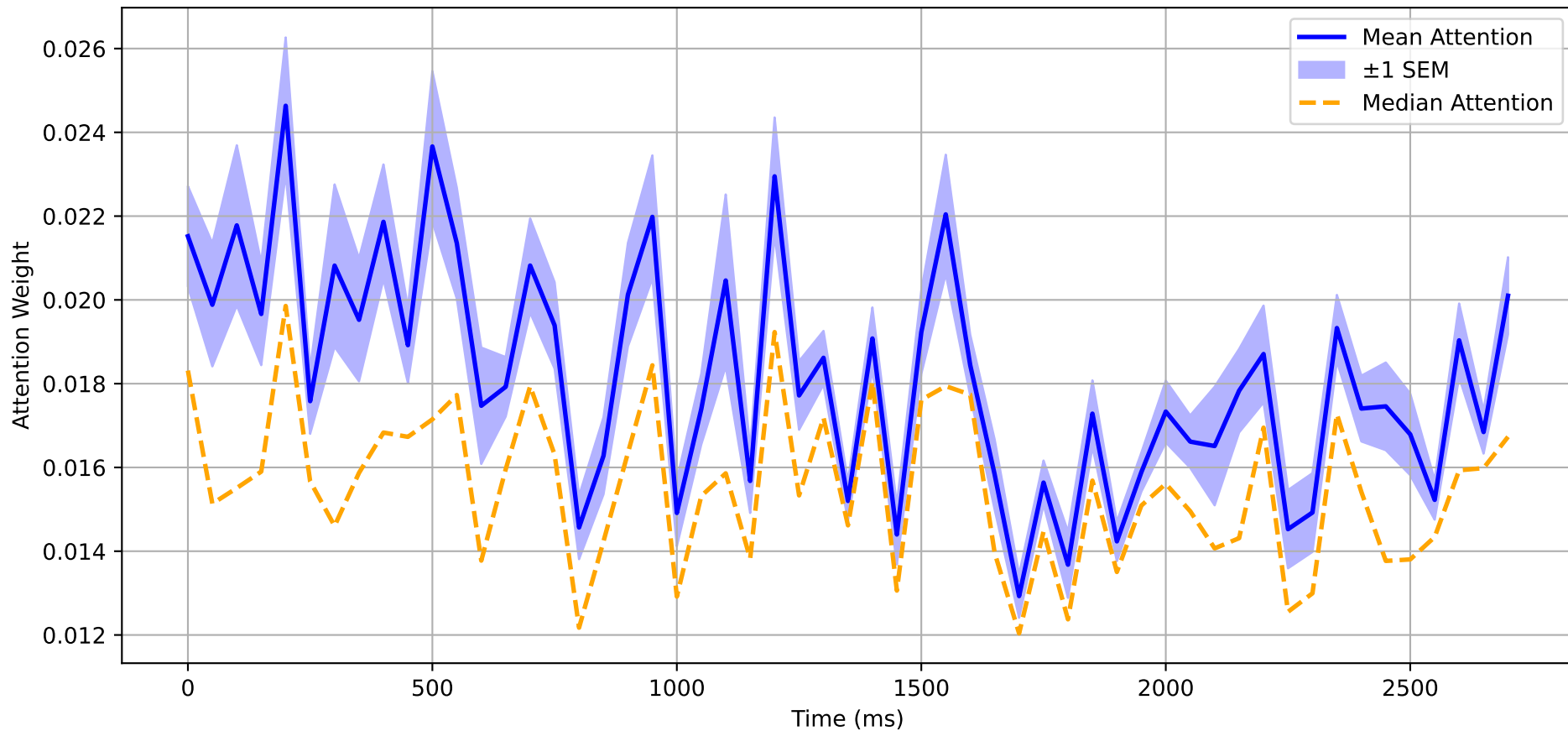
Waveform Shapes for Top Attention Bins (All Test Samples)



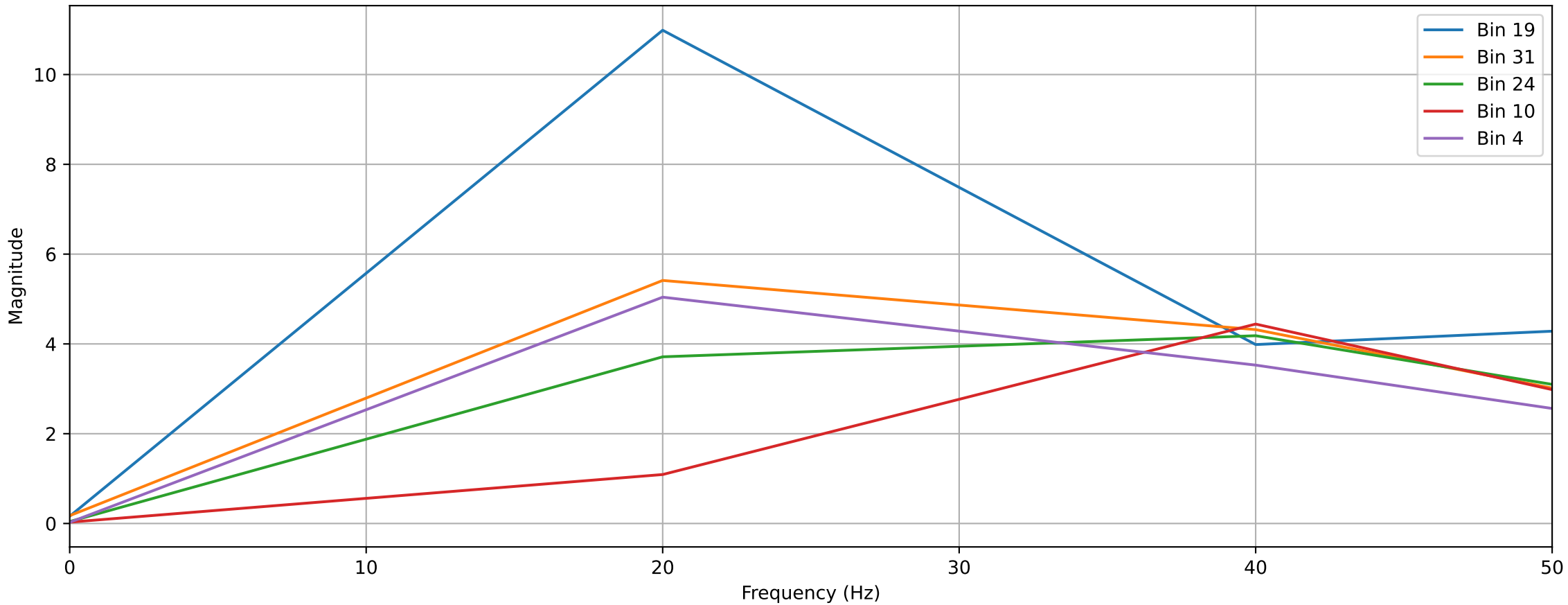
Average Burst Waveform from Top Attention Bins (All Test Samples)



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



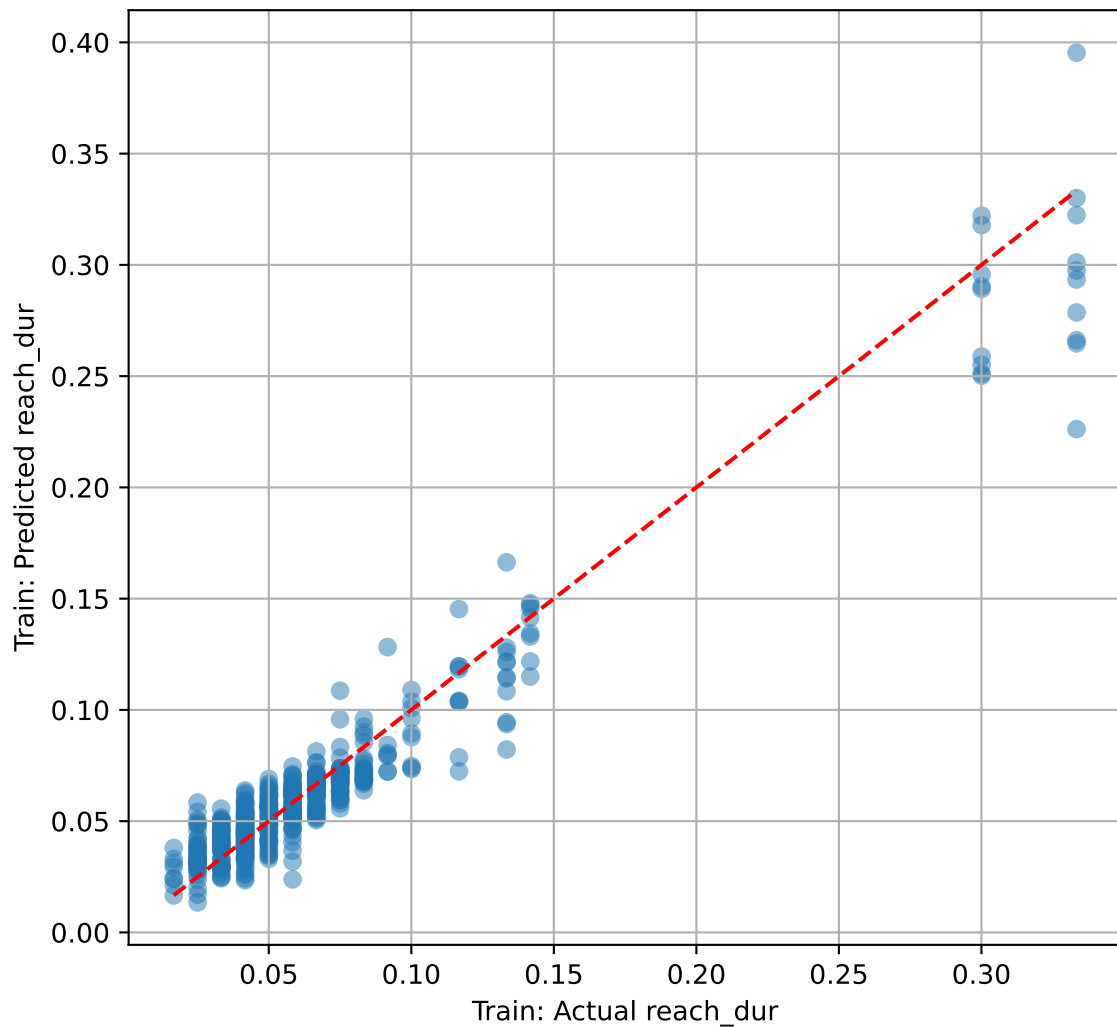
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



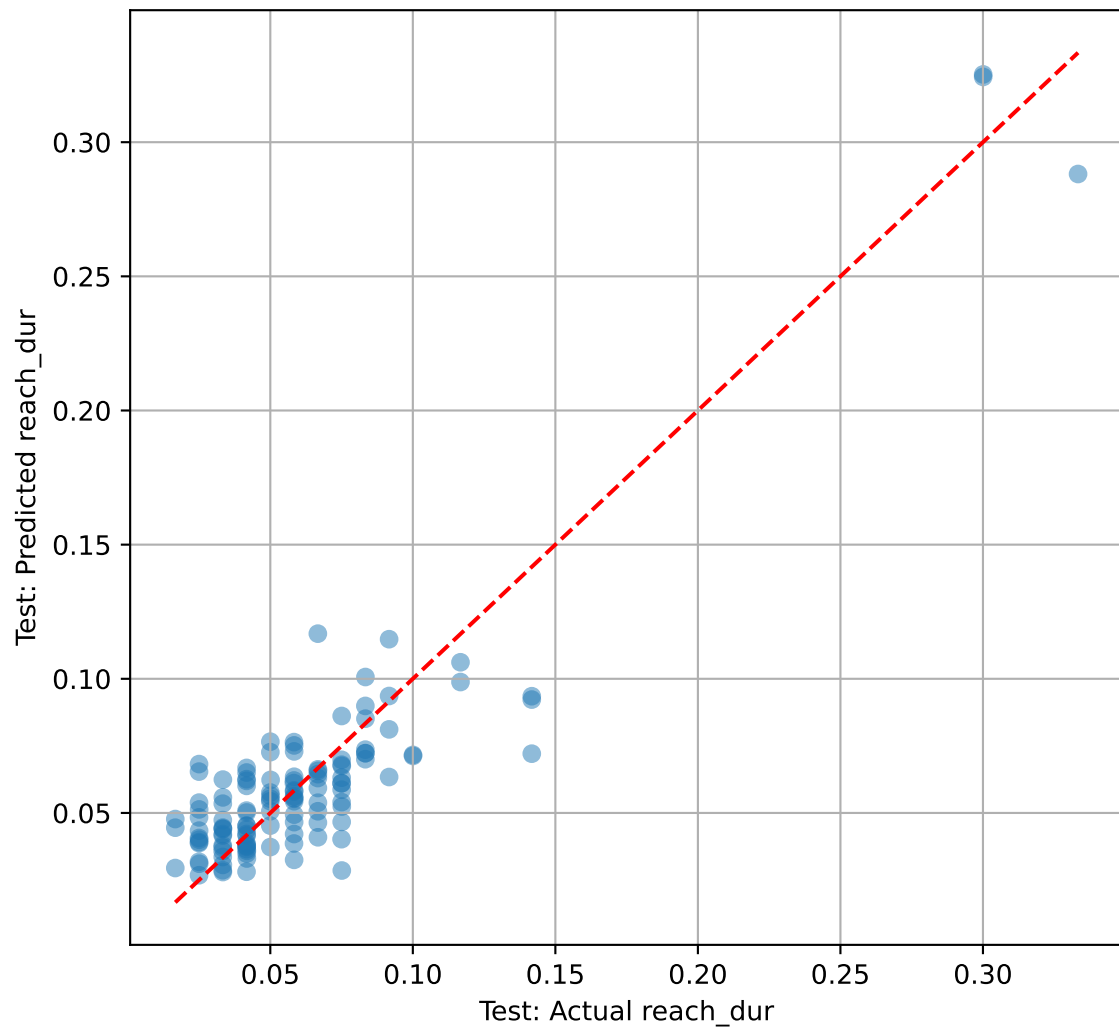
**sub-114**



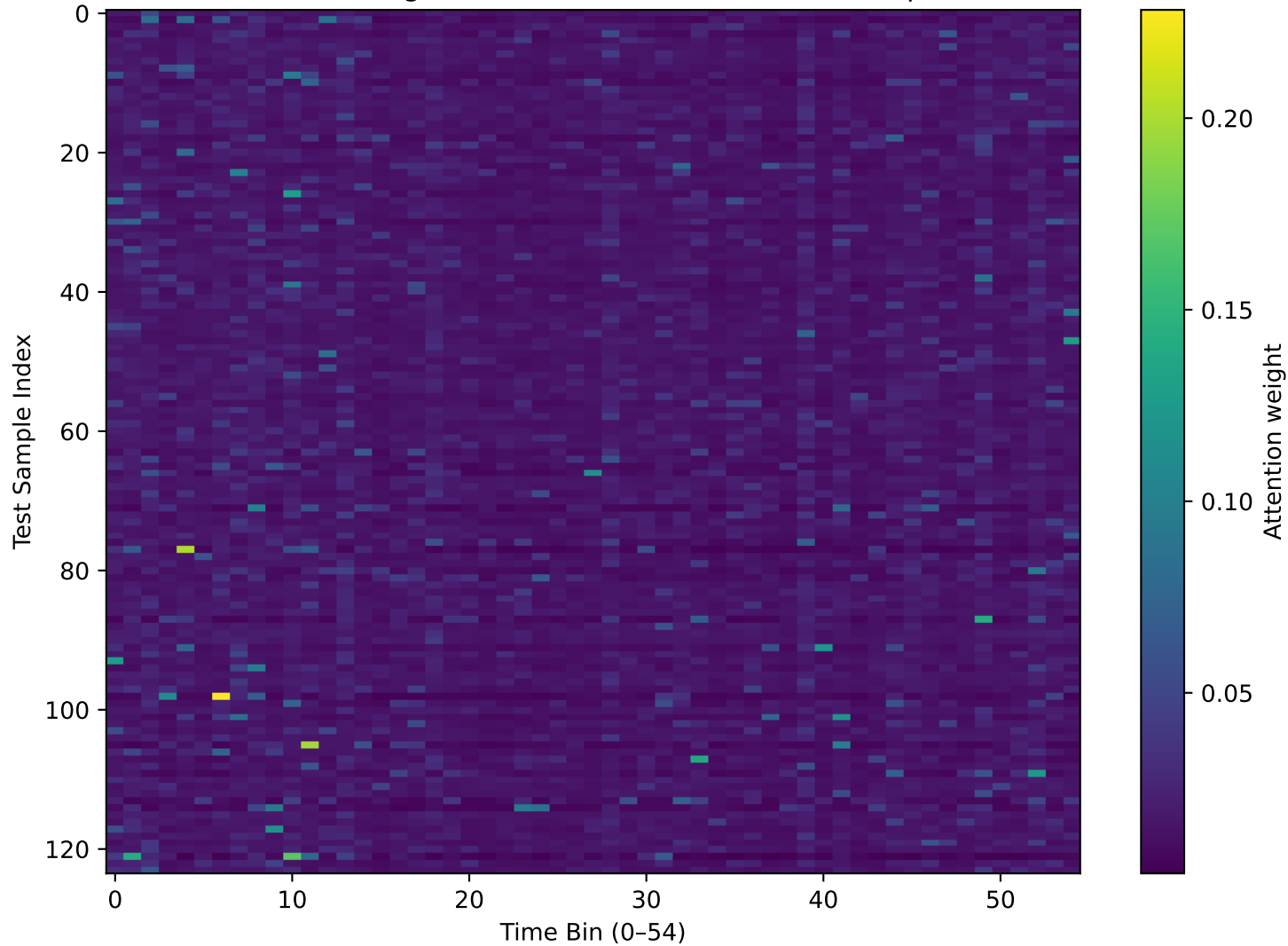
Train: Epoch 854  
MSE: 0.0711, R2: 0.9333



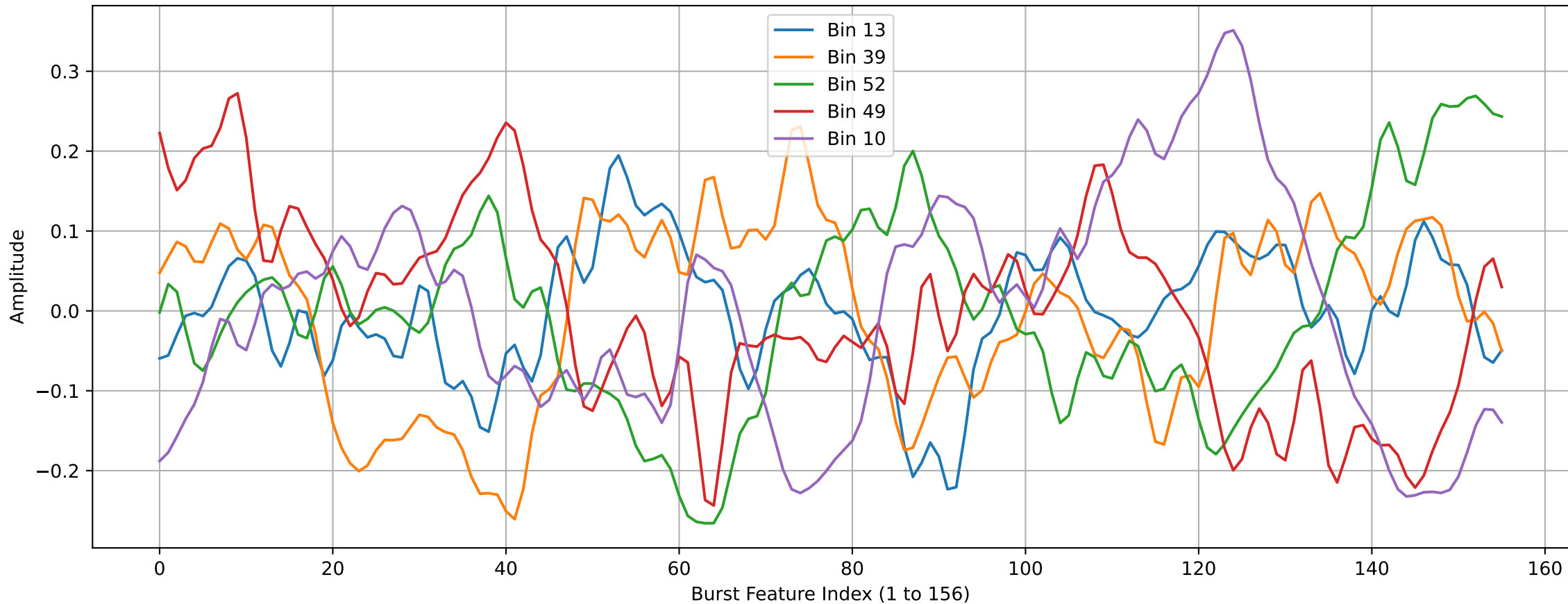
Val: Epoch 854  
MSE: 0.1243, R2: 0.8307



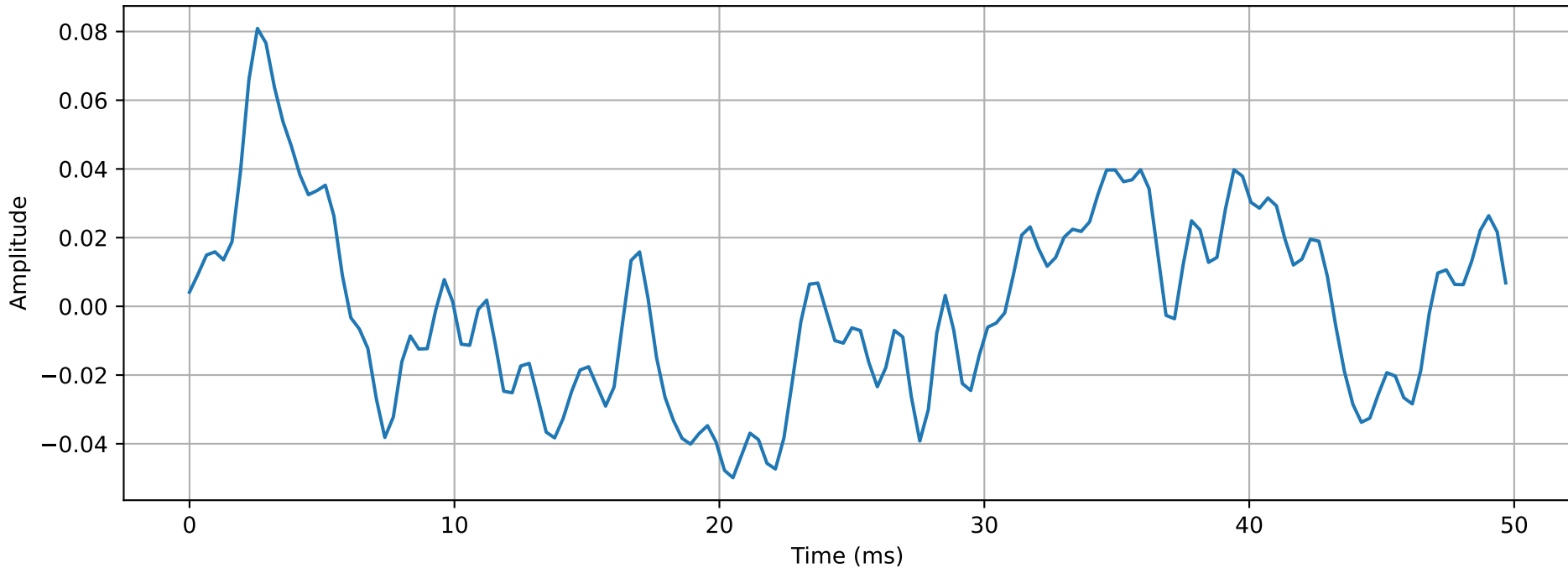
Attention Weights Across Time Bins (All Test Samples)



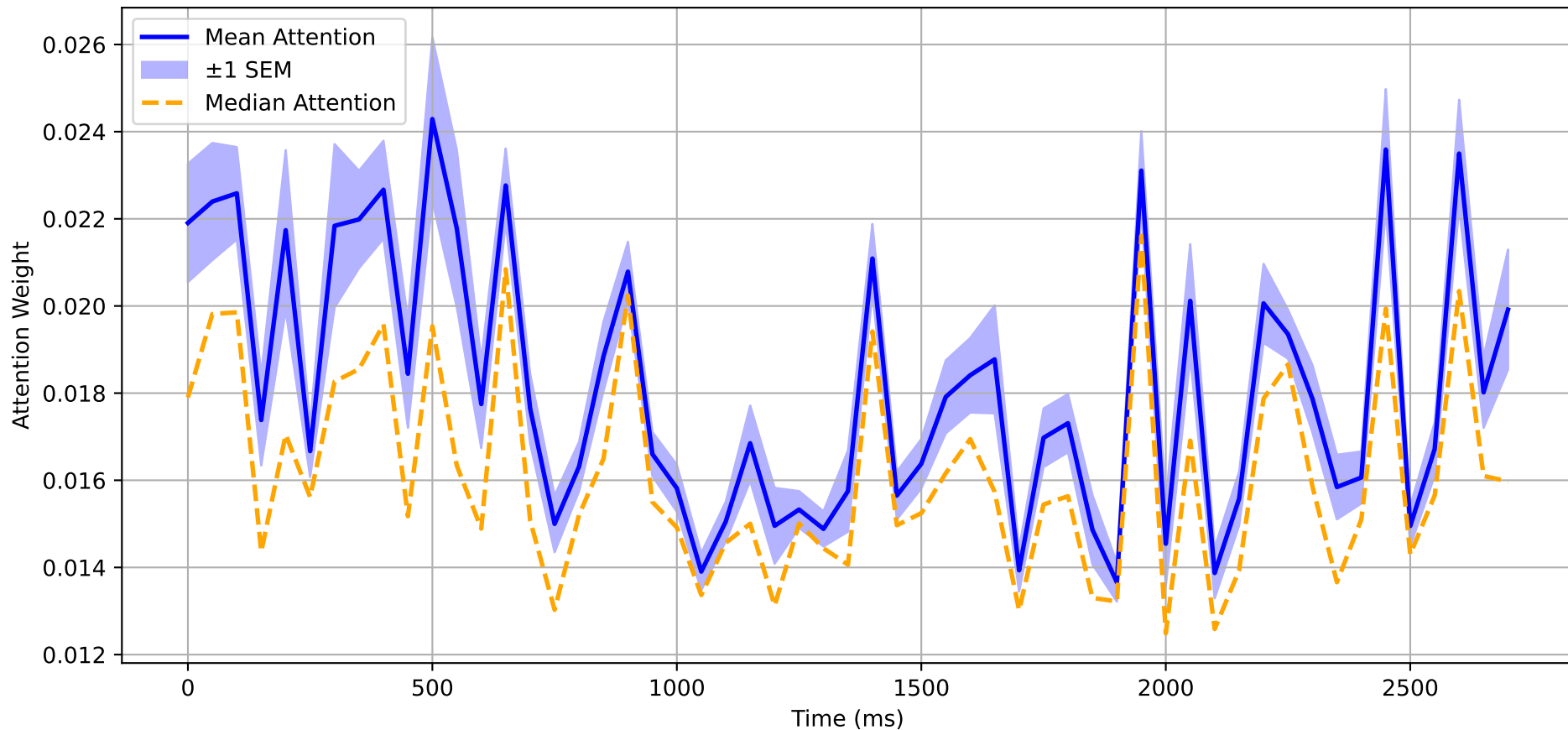
Waveform Shapes for Top Attention Bins (All Test Samples)



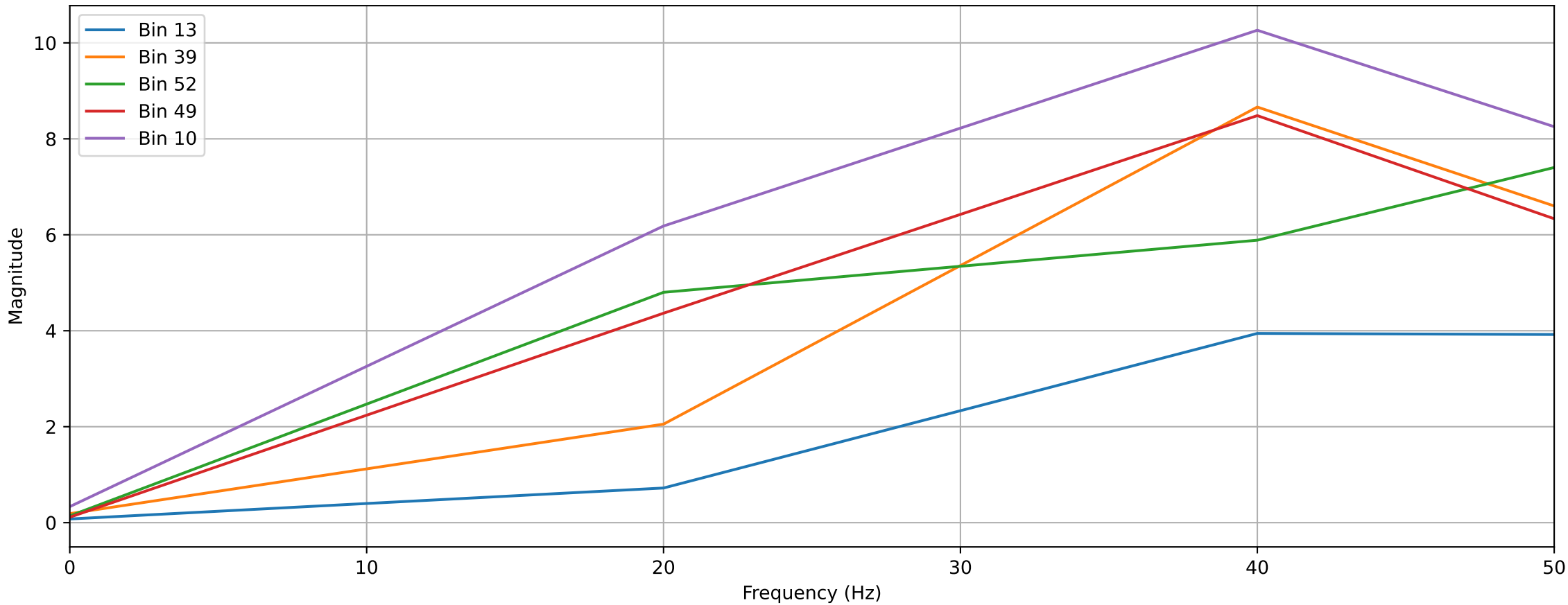
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

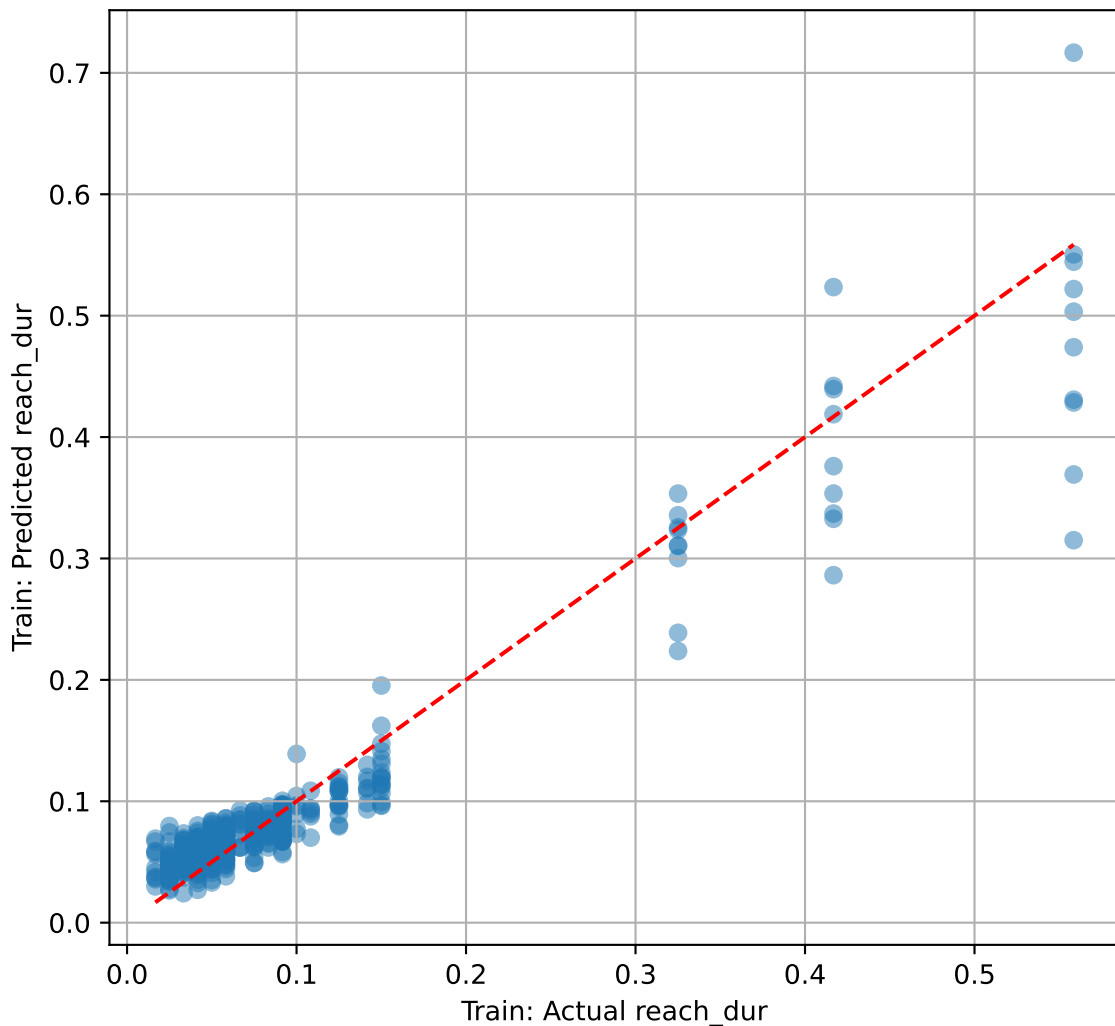


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

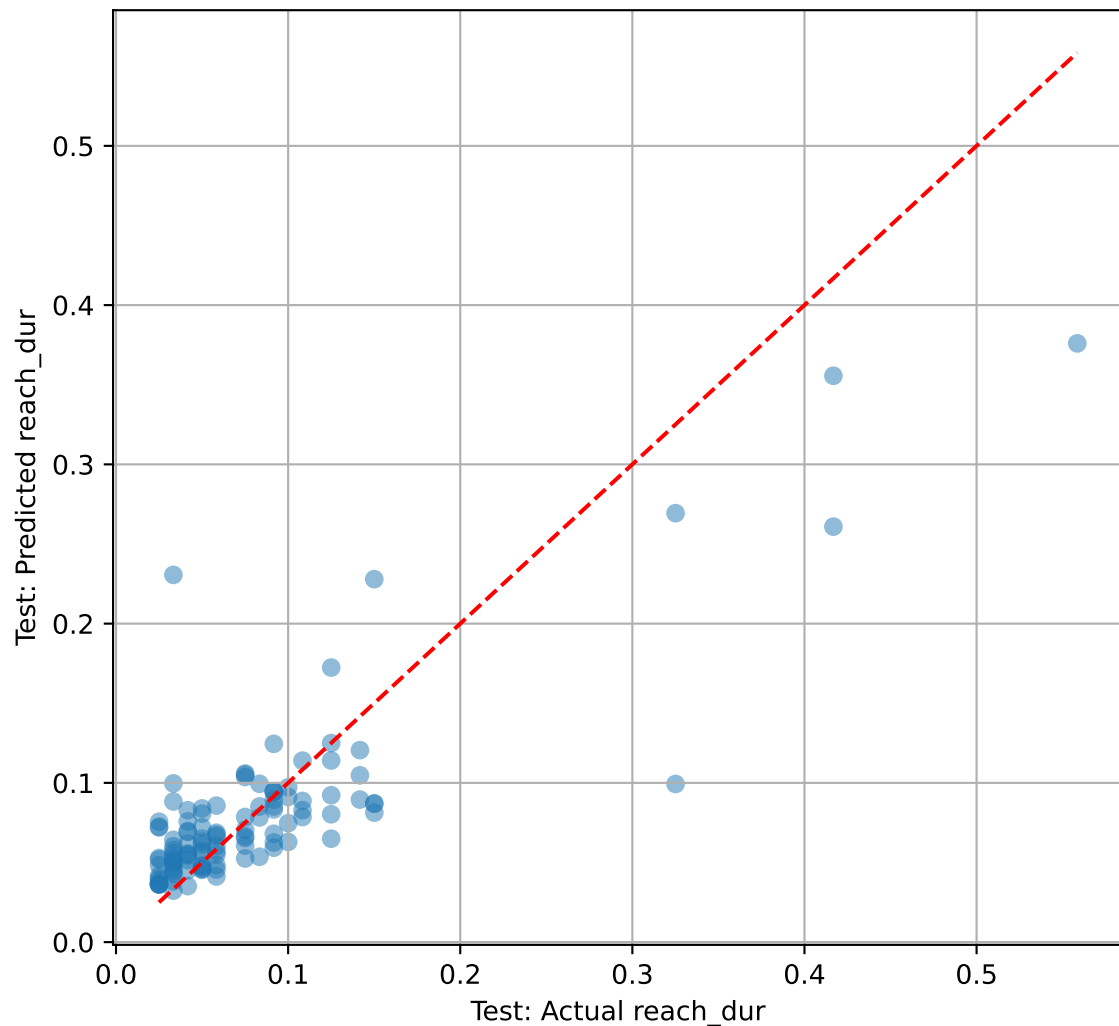


**sub-118**

Train: Epoch 880  
MSE: 0.0967, R2: 0.9097

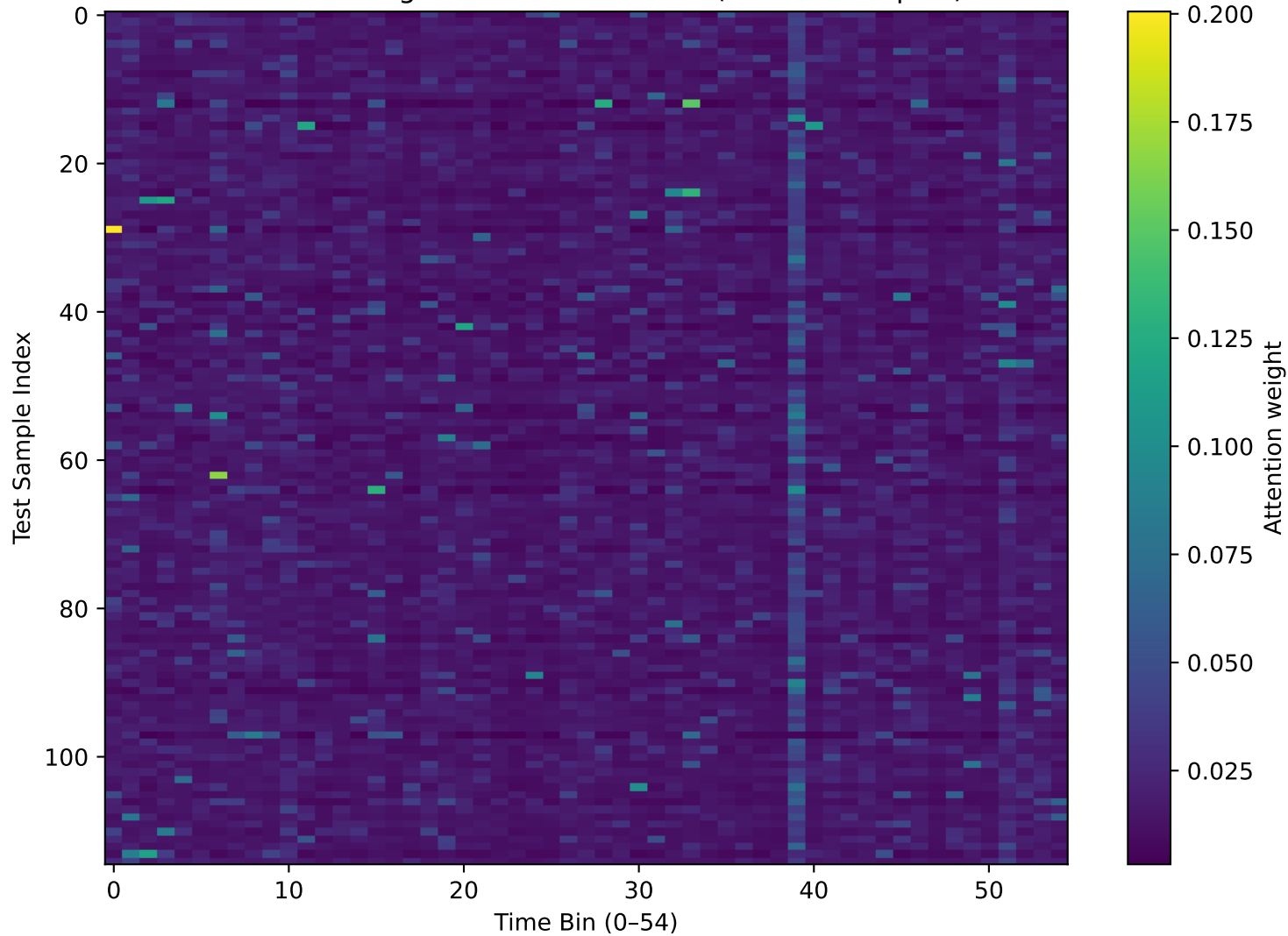


Val: Epoch 880  
MSE: 0.2251, R2: 0.6861

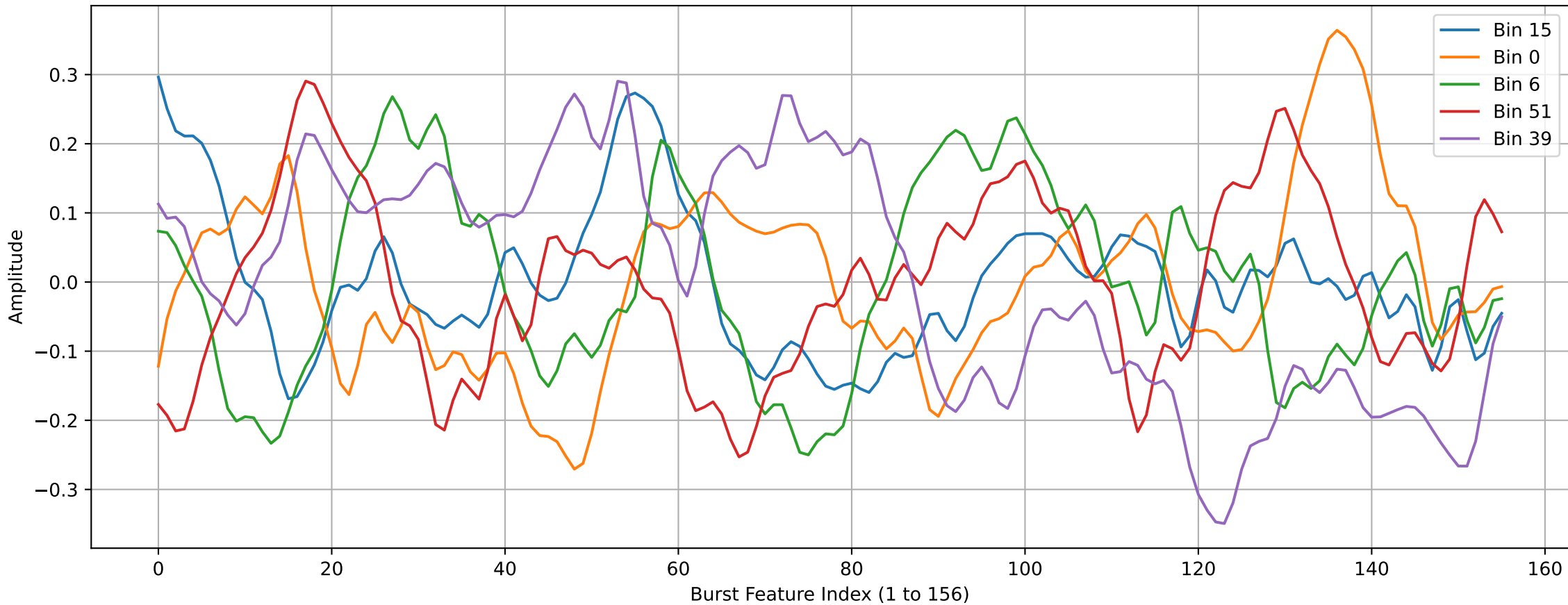




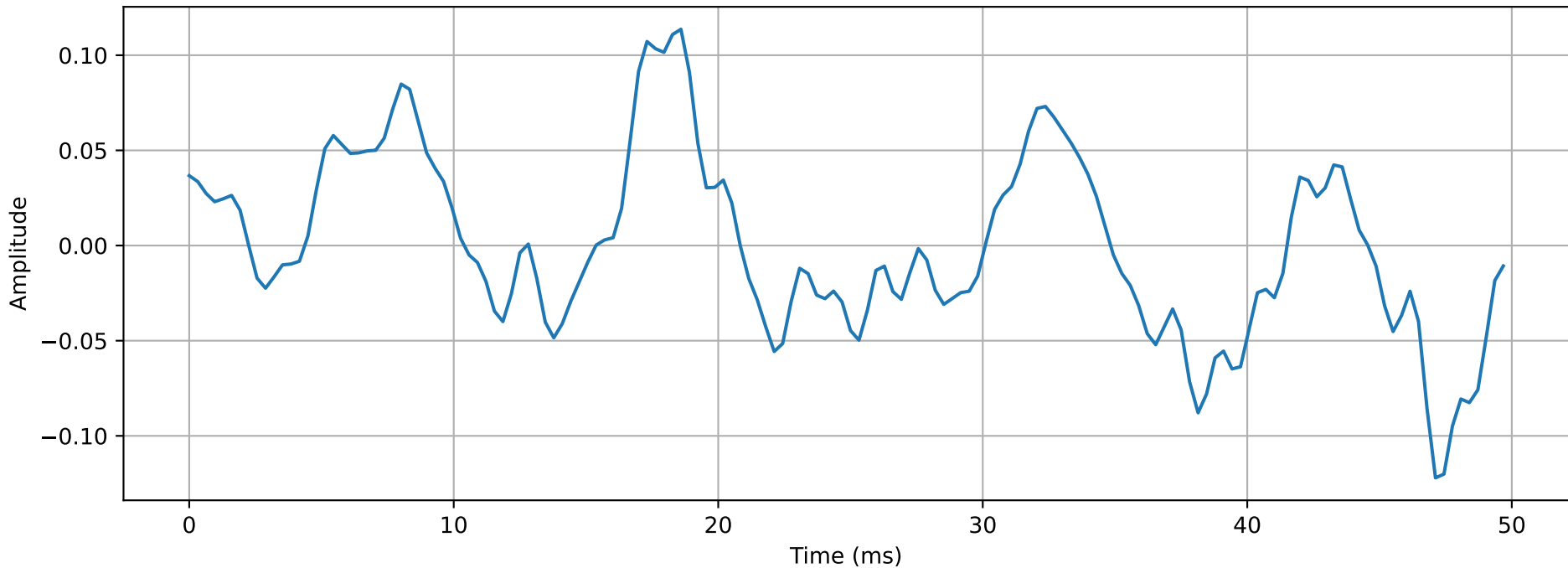
Attention Weights Across Time Bins (All Test Samples)



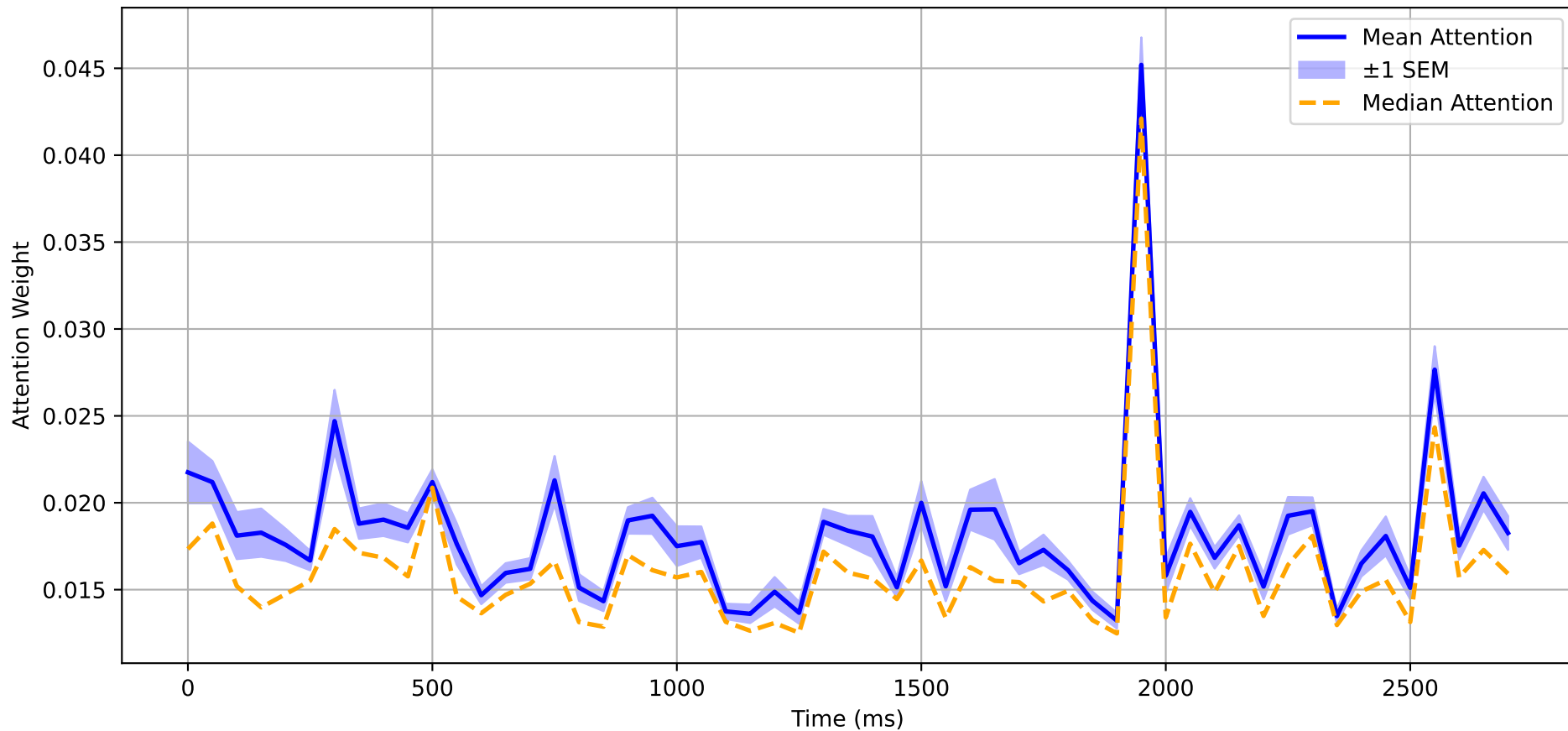
Waveform Shapes for Top Attention Bins (All Test Samples)



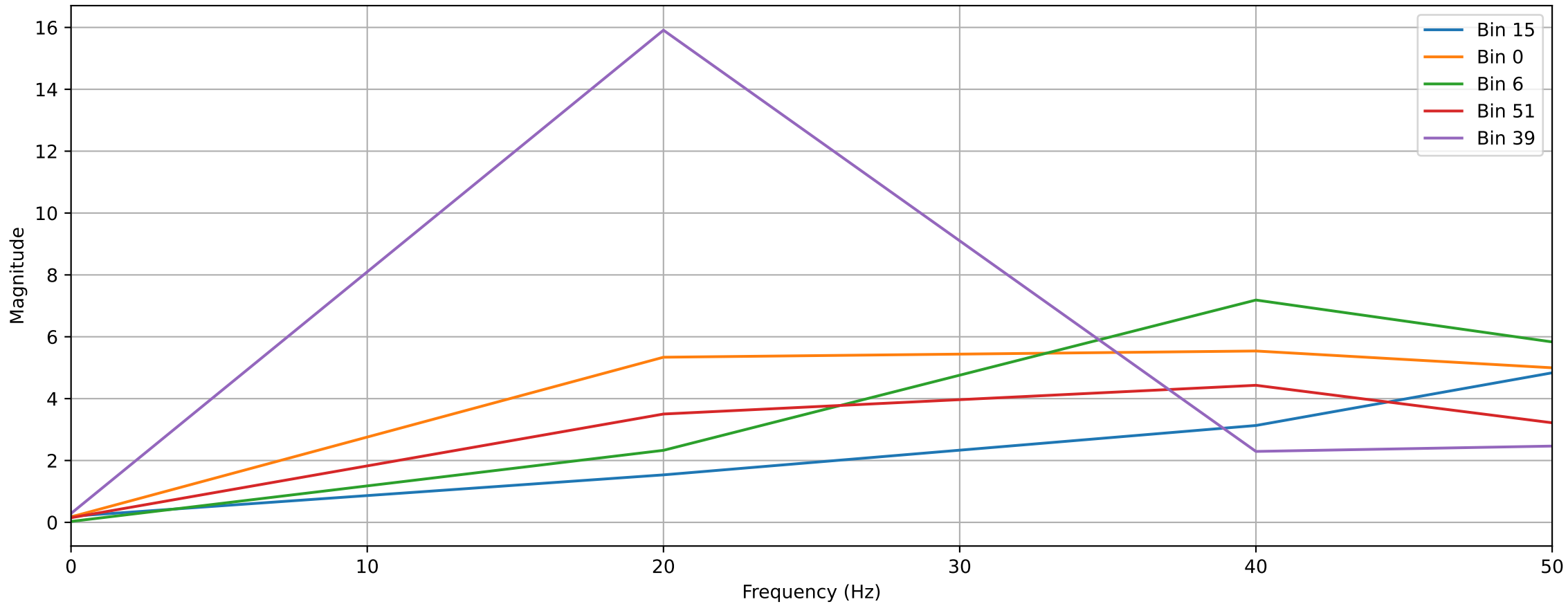
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

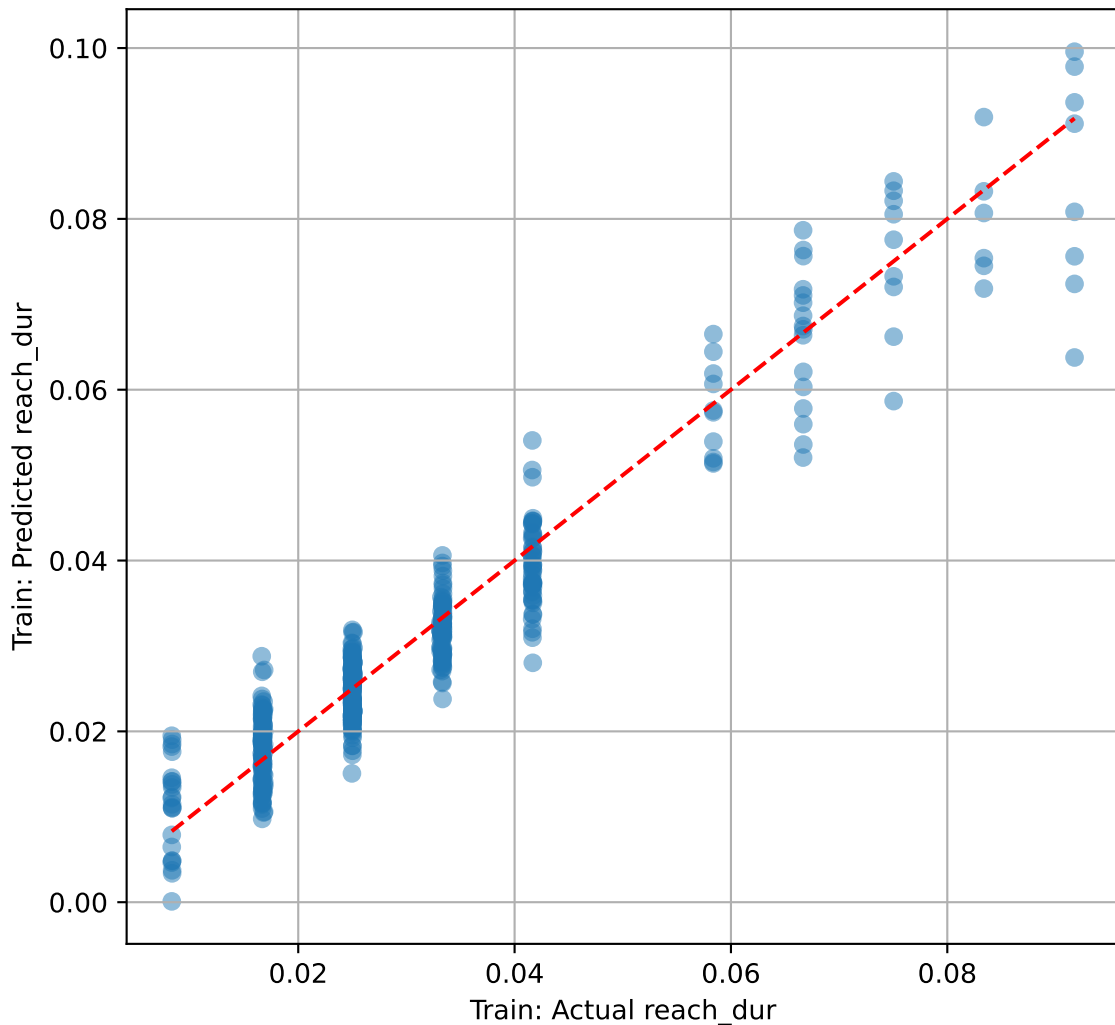


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

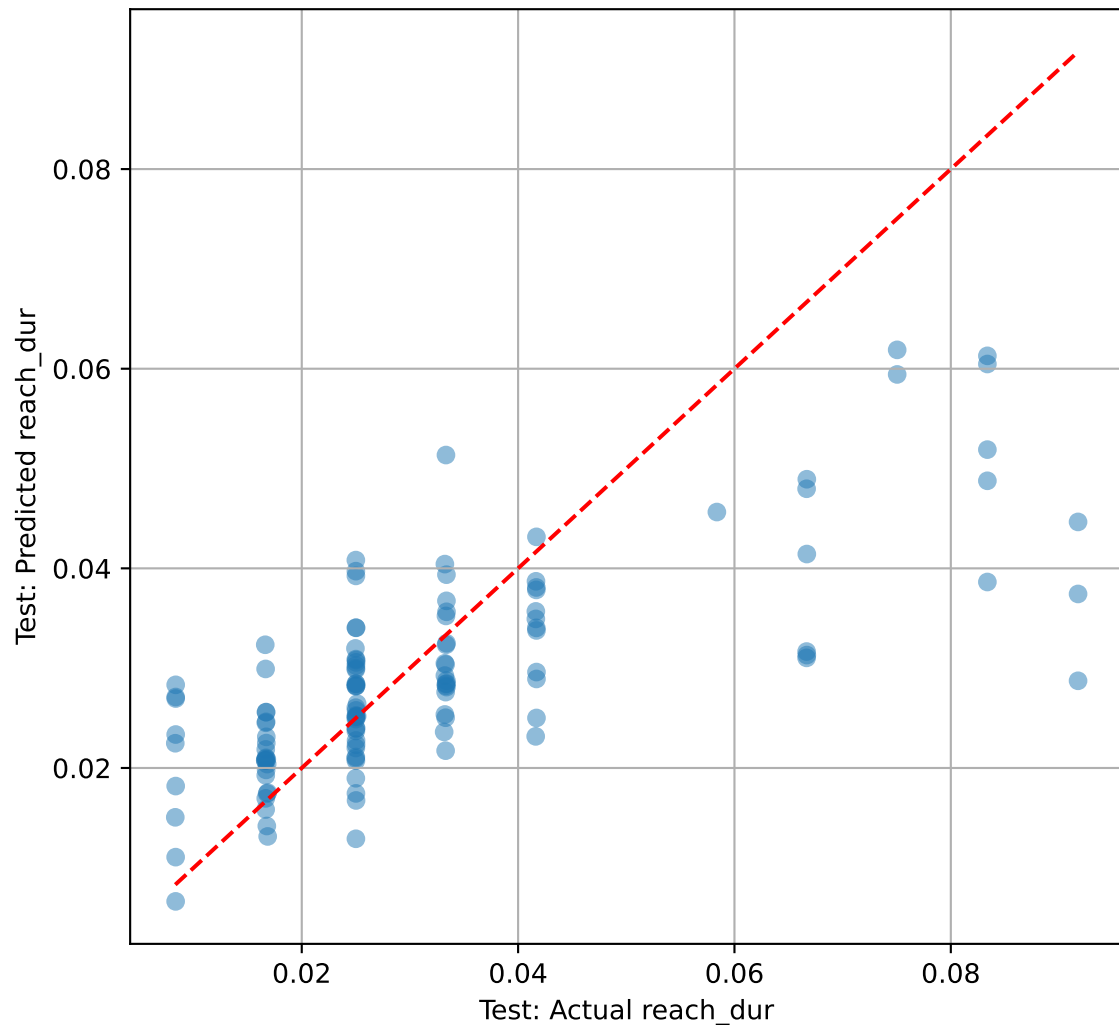


**sub-119**

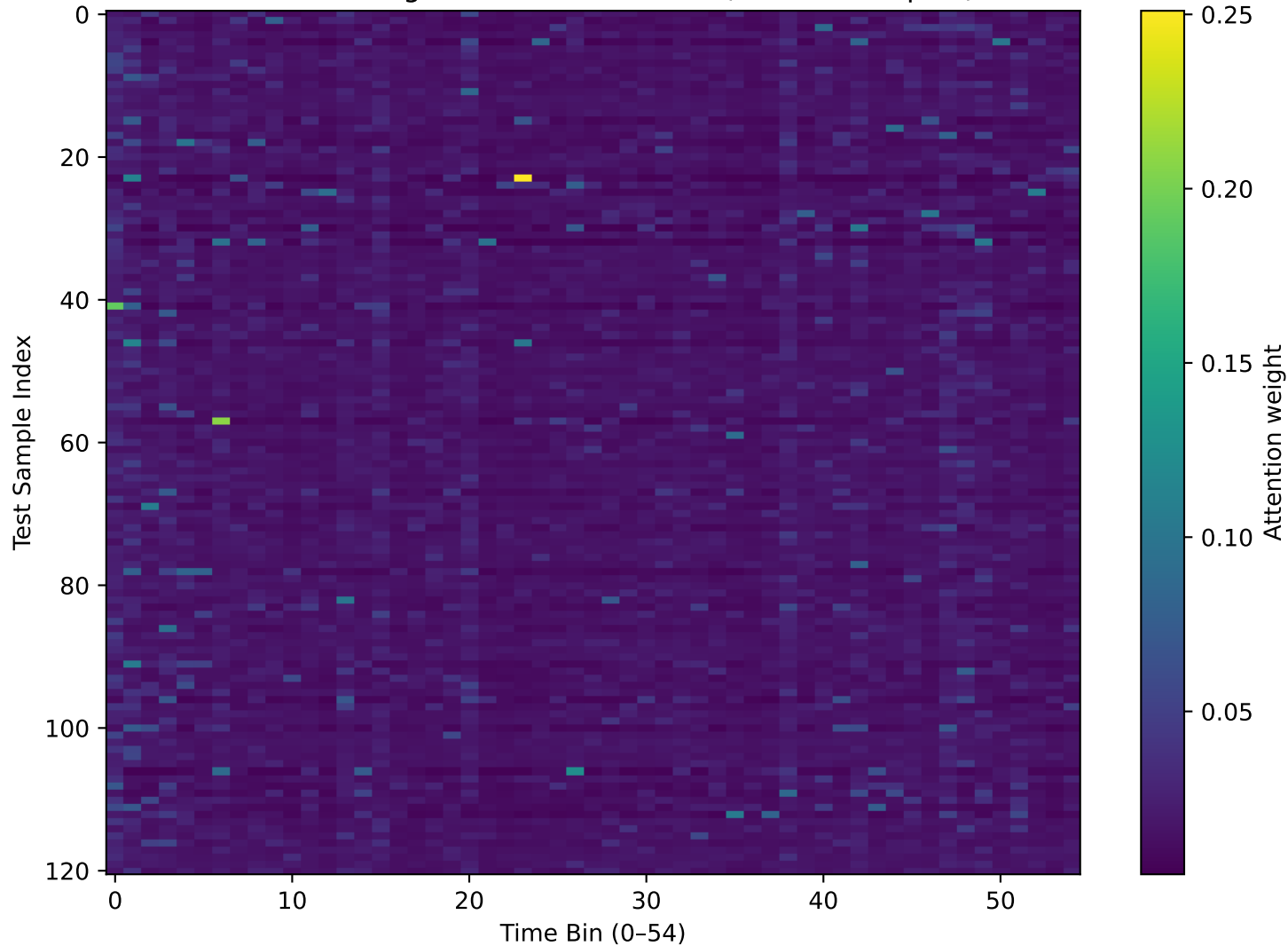
Train: Epoch 945  
MSE: 0.0722, R2: 0.9215



Val: Epoch 945  
MSE: 0.7003, R2: 0.4659

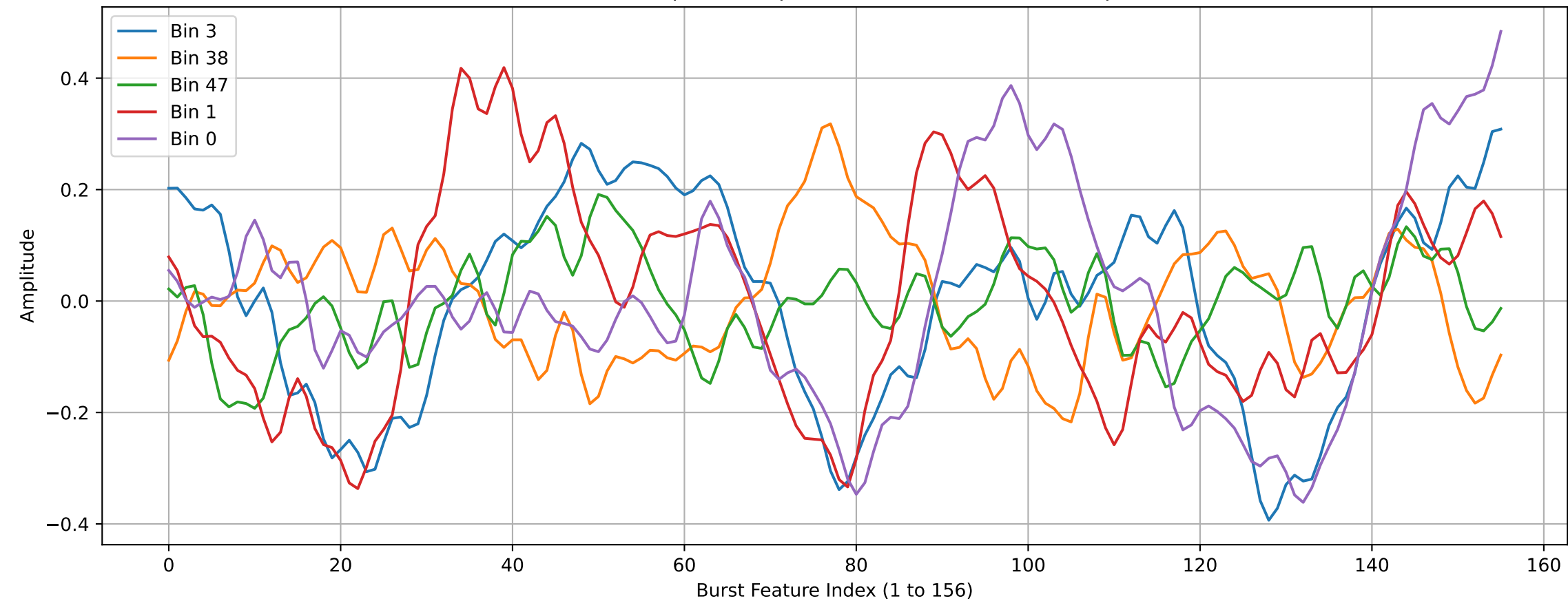


Attention Weights Across Time Bins (All Test Samples)

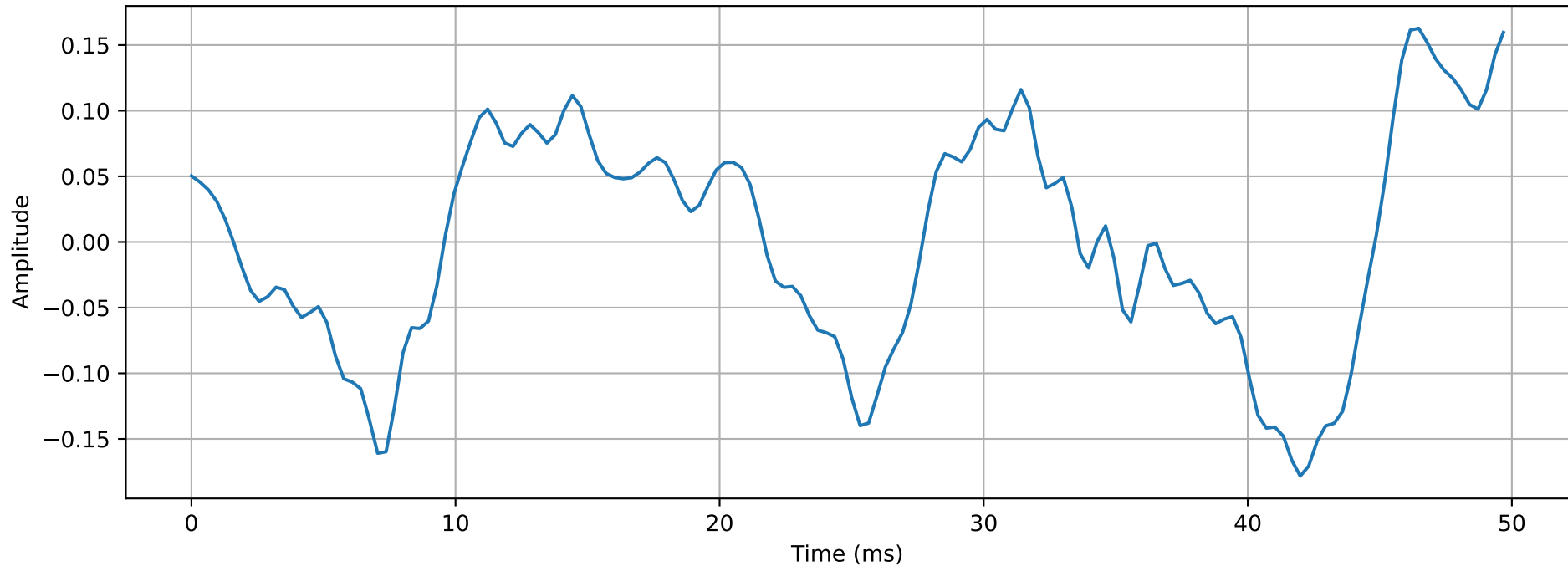




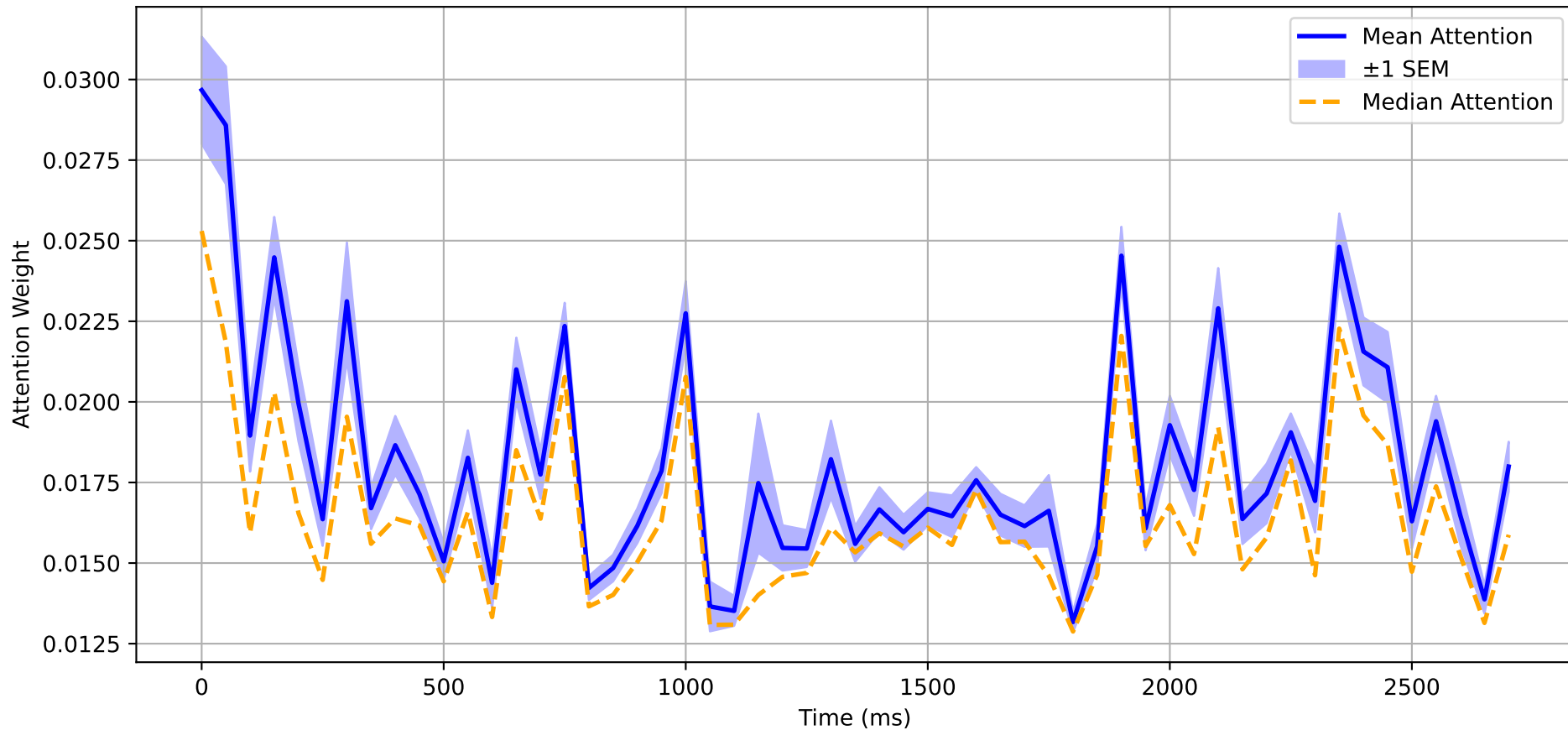
Waveform Shapes for Top Attention Bins (All Test Samples)



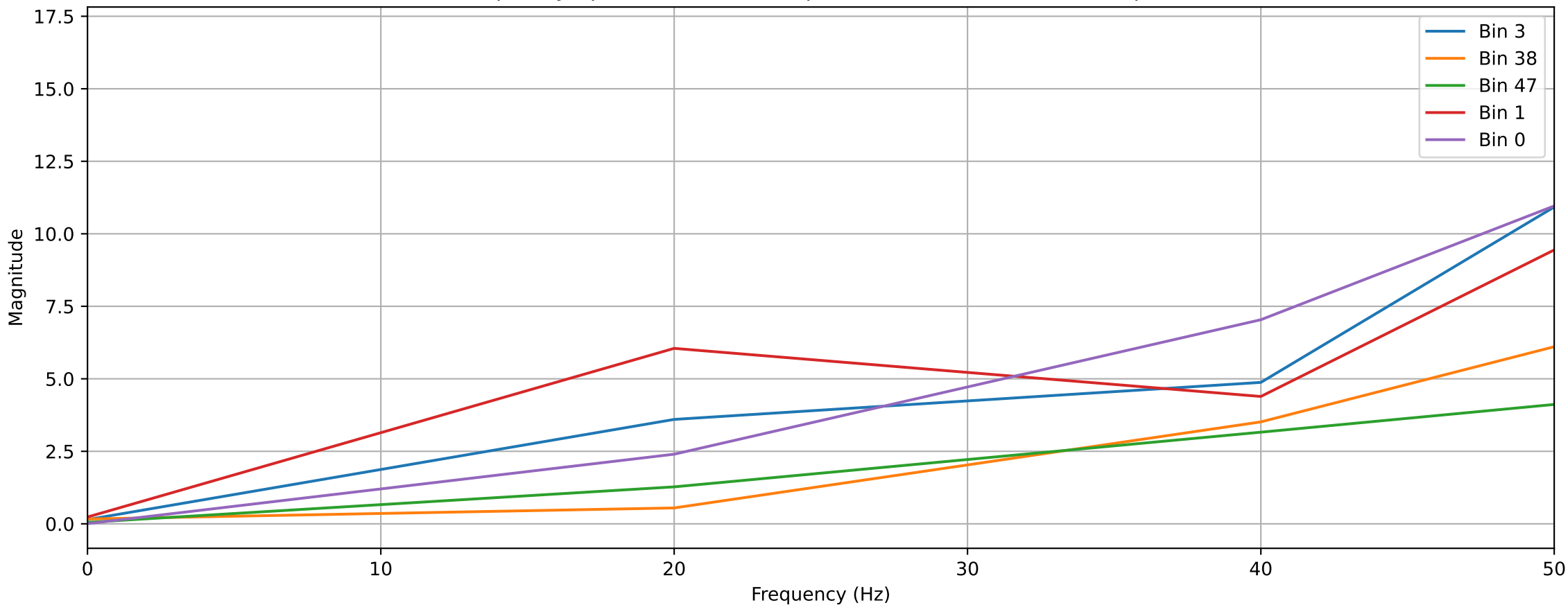
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

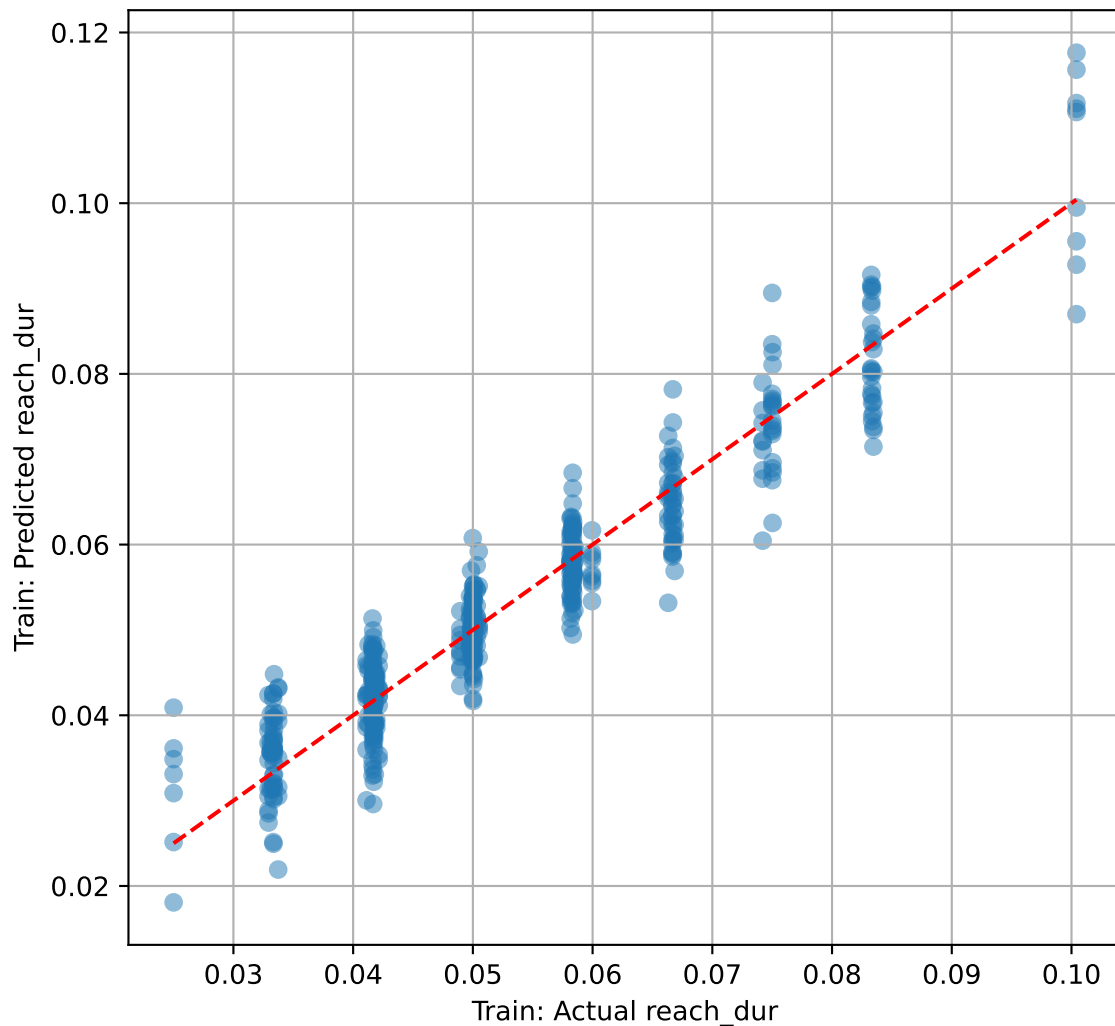


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

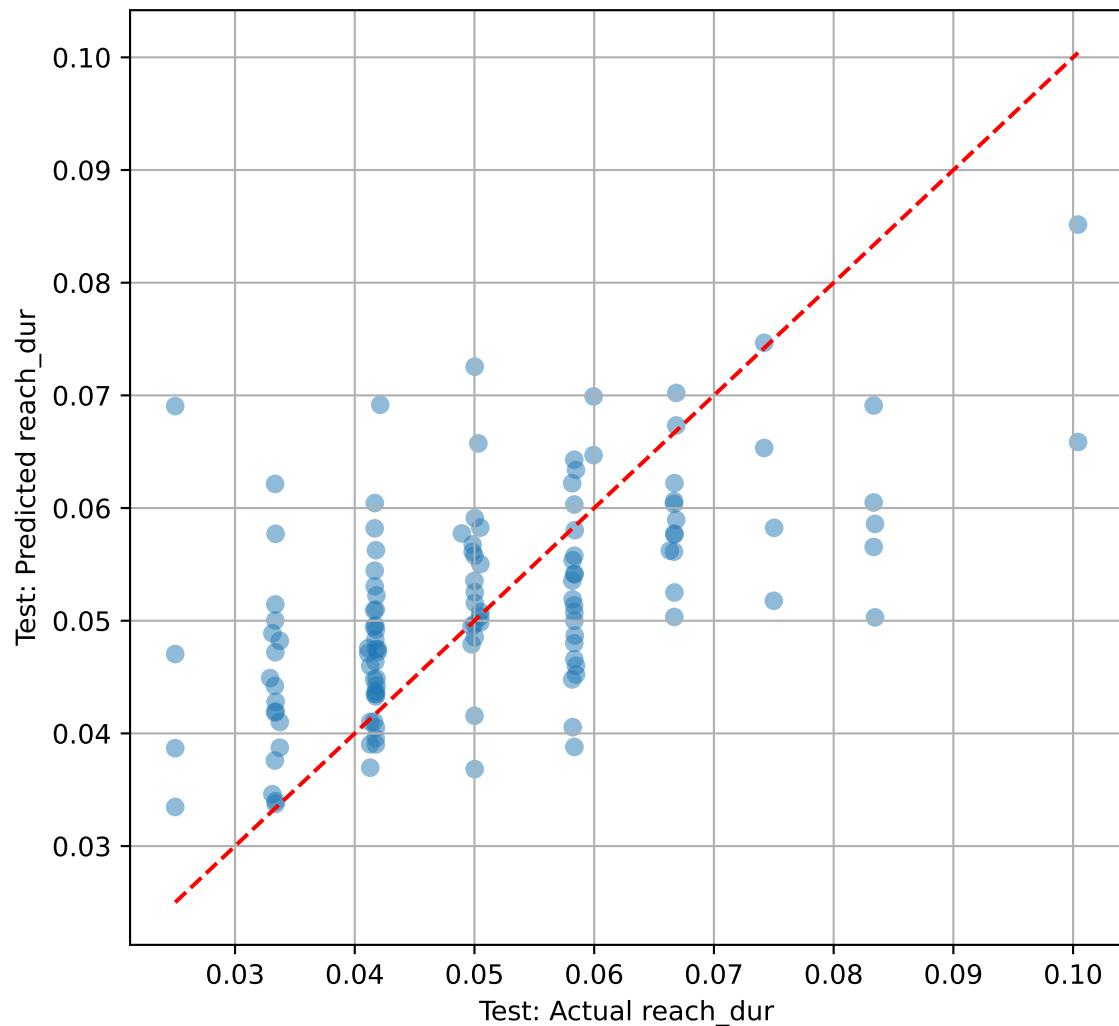


**sub-120**

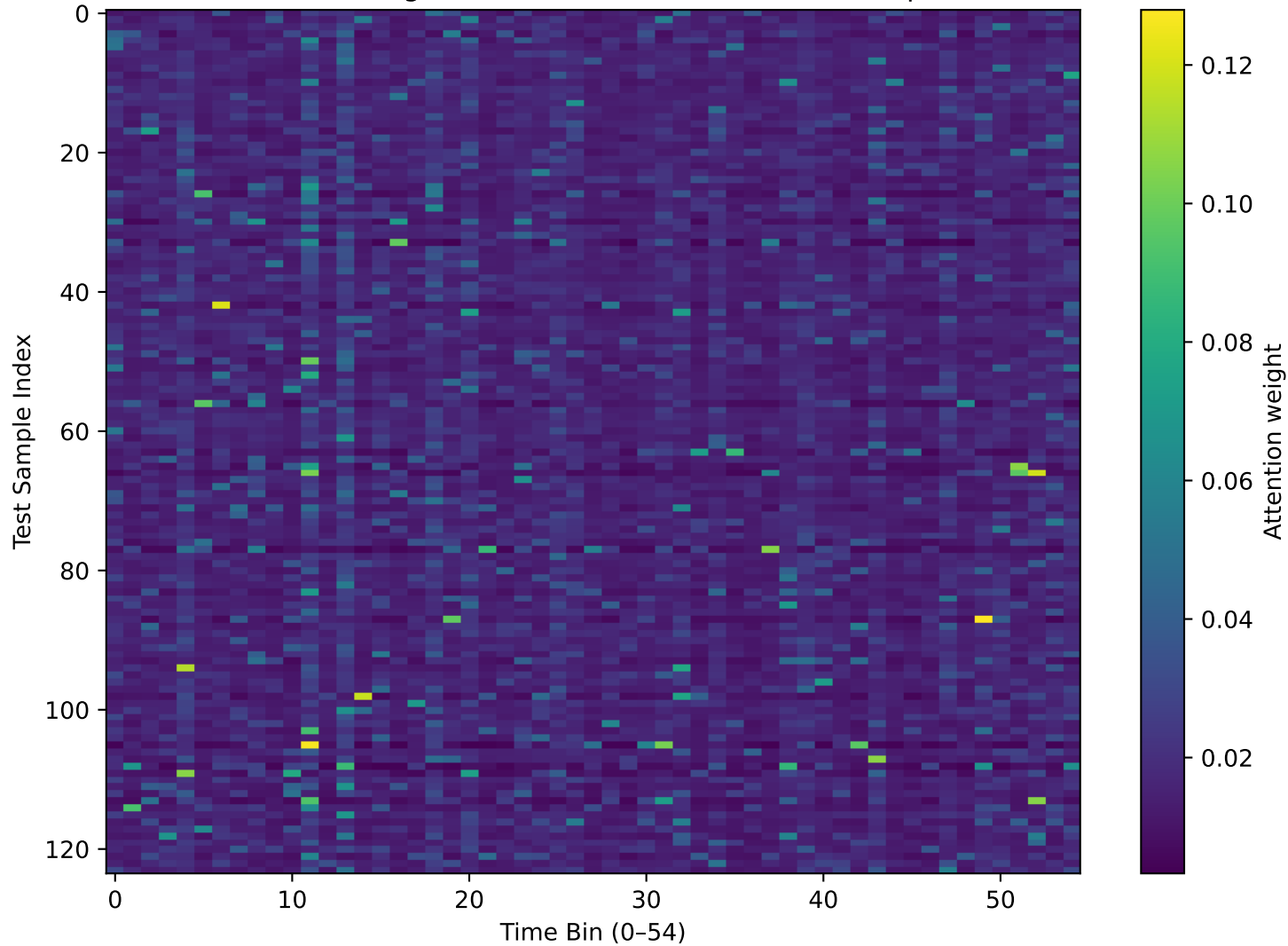
Train: Epoch 927  
MSE: 0.0970, R2: 0.9035



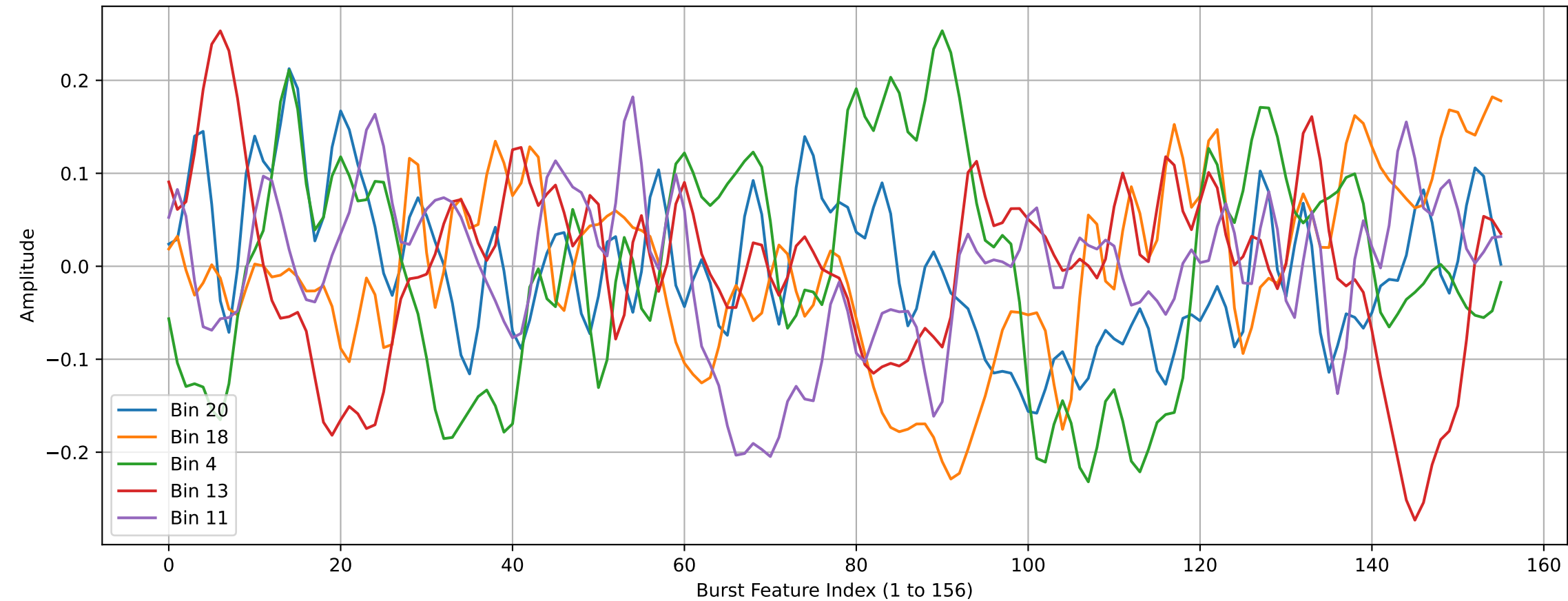
Val: Epoch 927  
MSE: 0.6410, R2: 0.3369



Attention Weights Across Time Bins (All Test Samples)

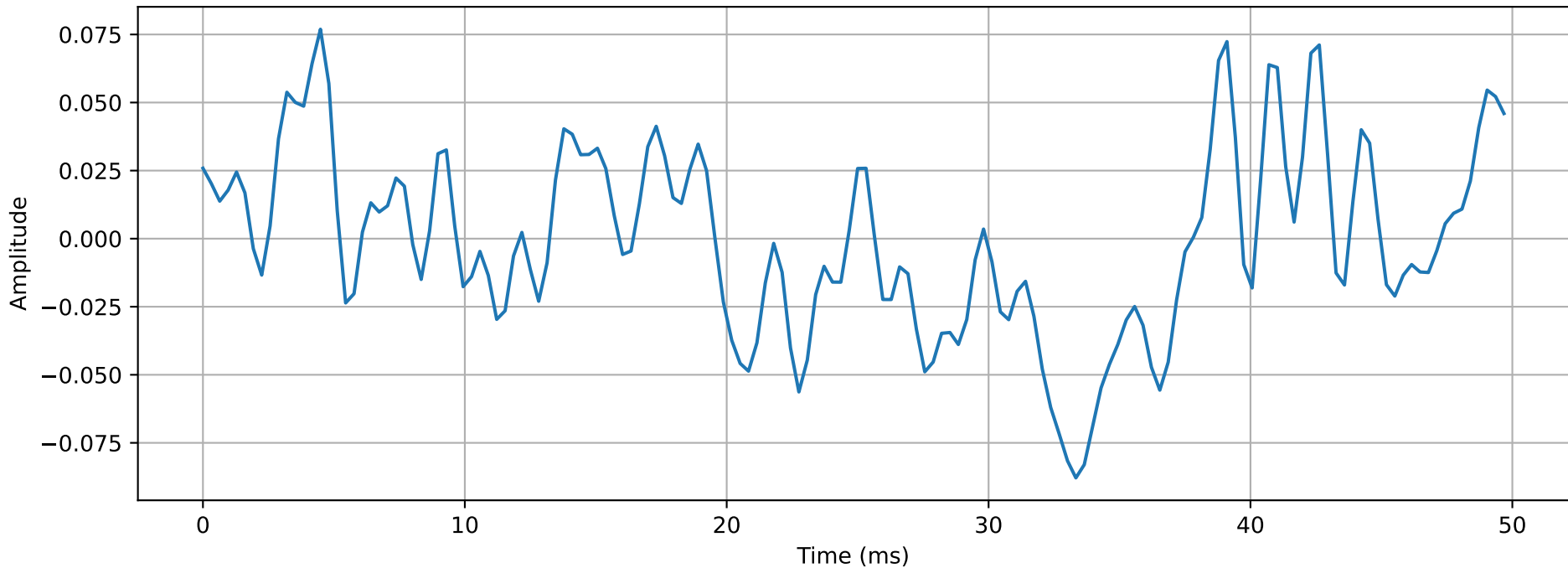


Waveform Shapes for Top Attention Bins (All Test Samples)

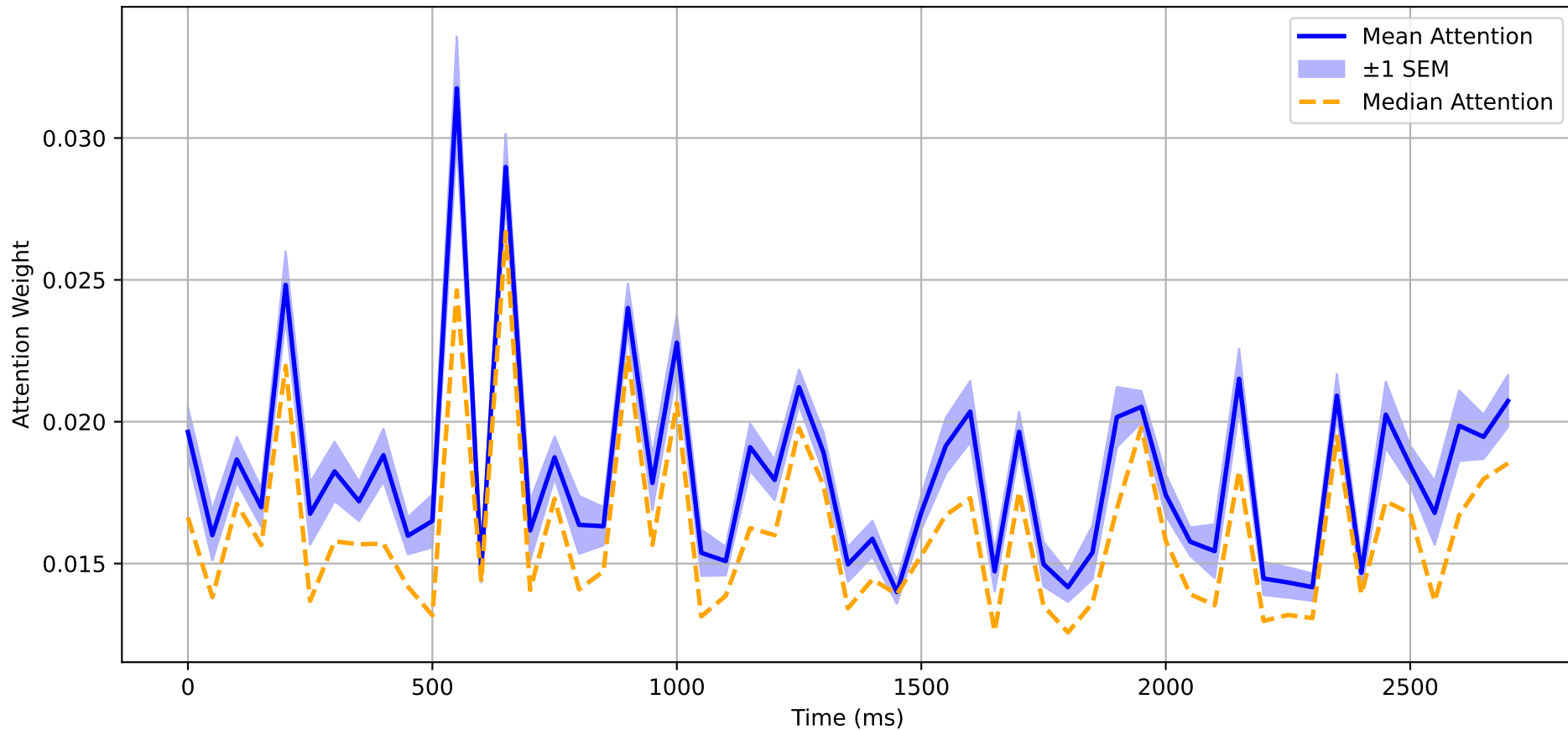




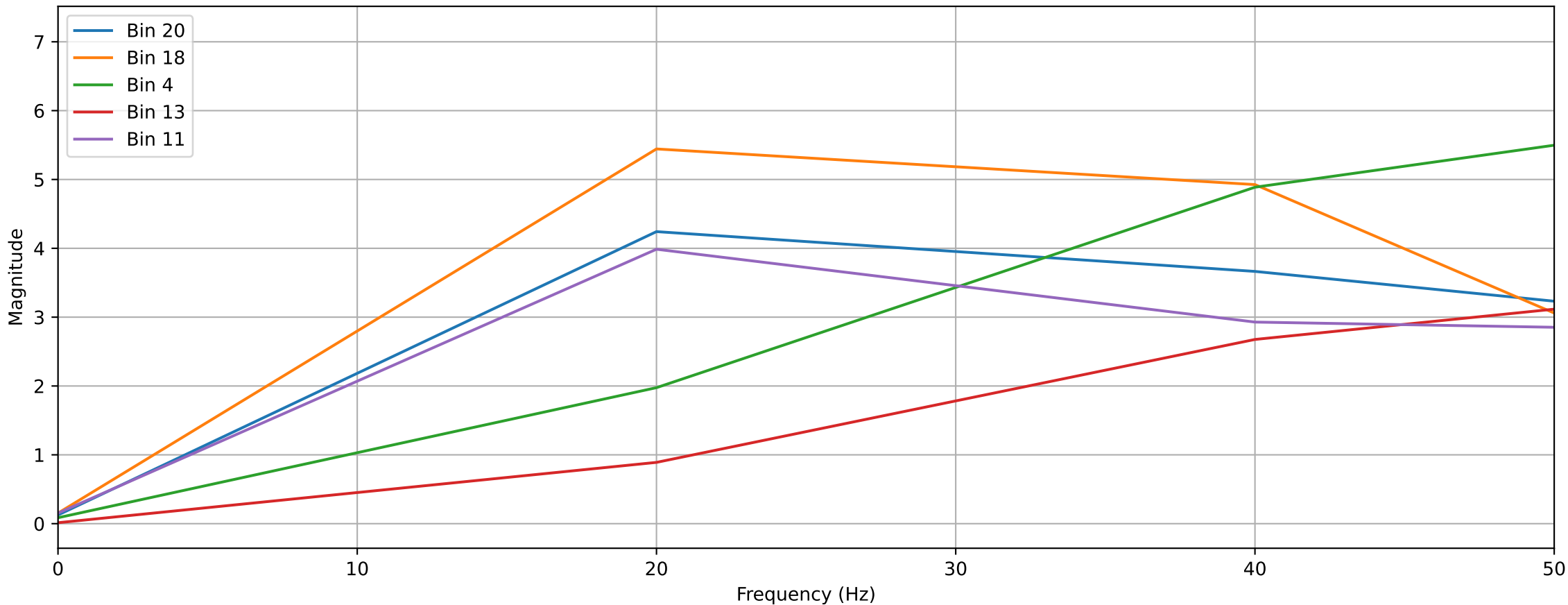
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

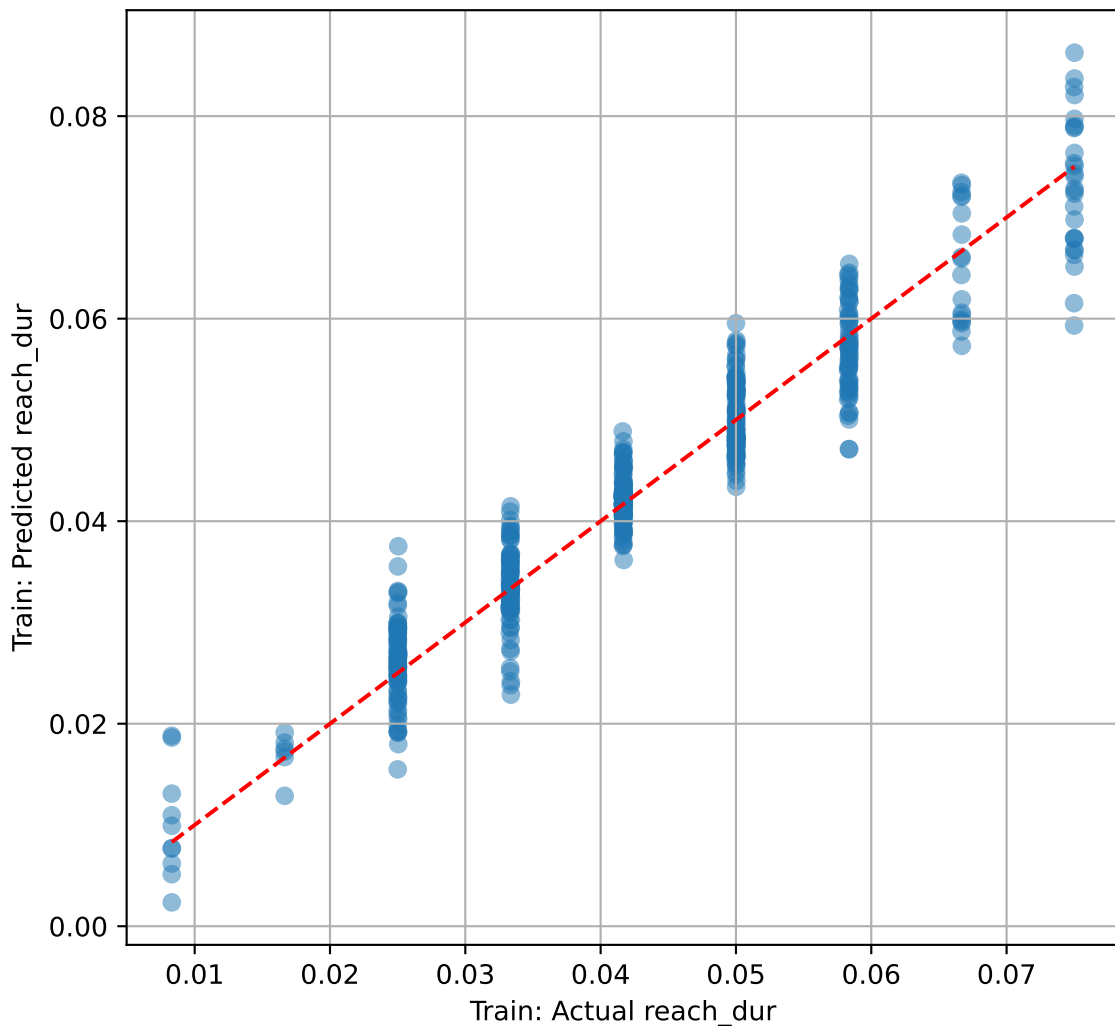


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

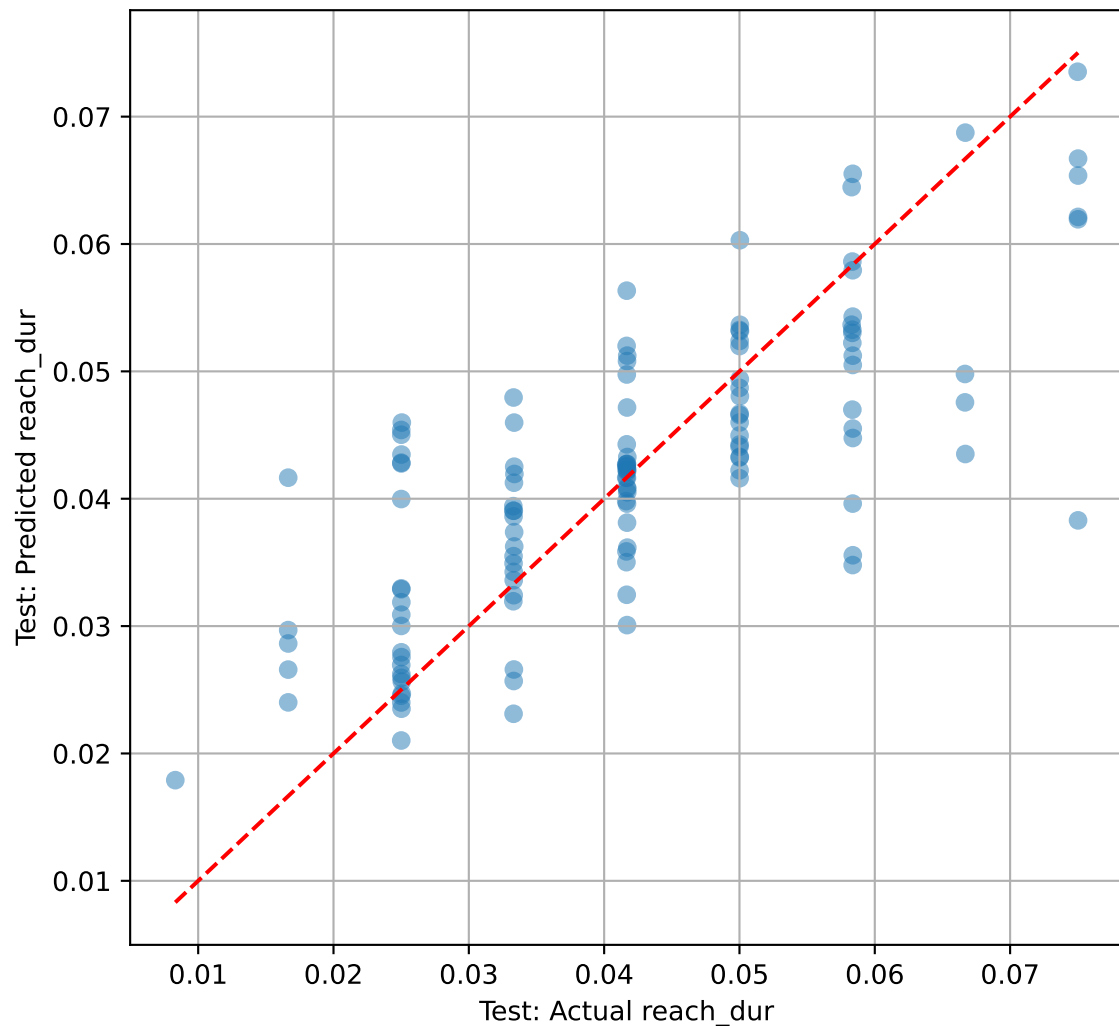


**sub-122**

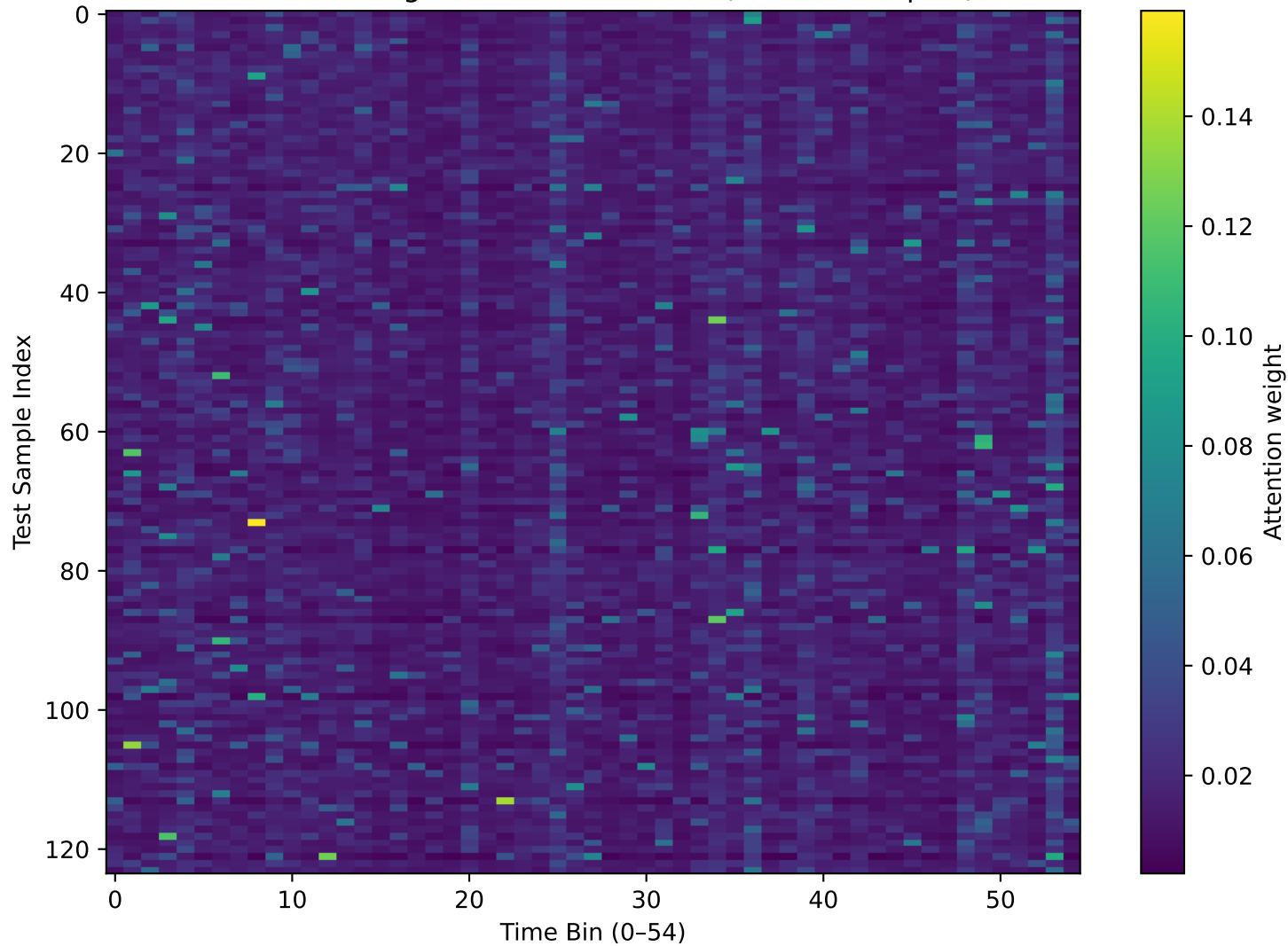
Train: Epoch 999  
MSE: 0.0750, R2: 0.9245



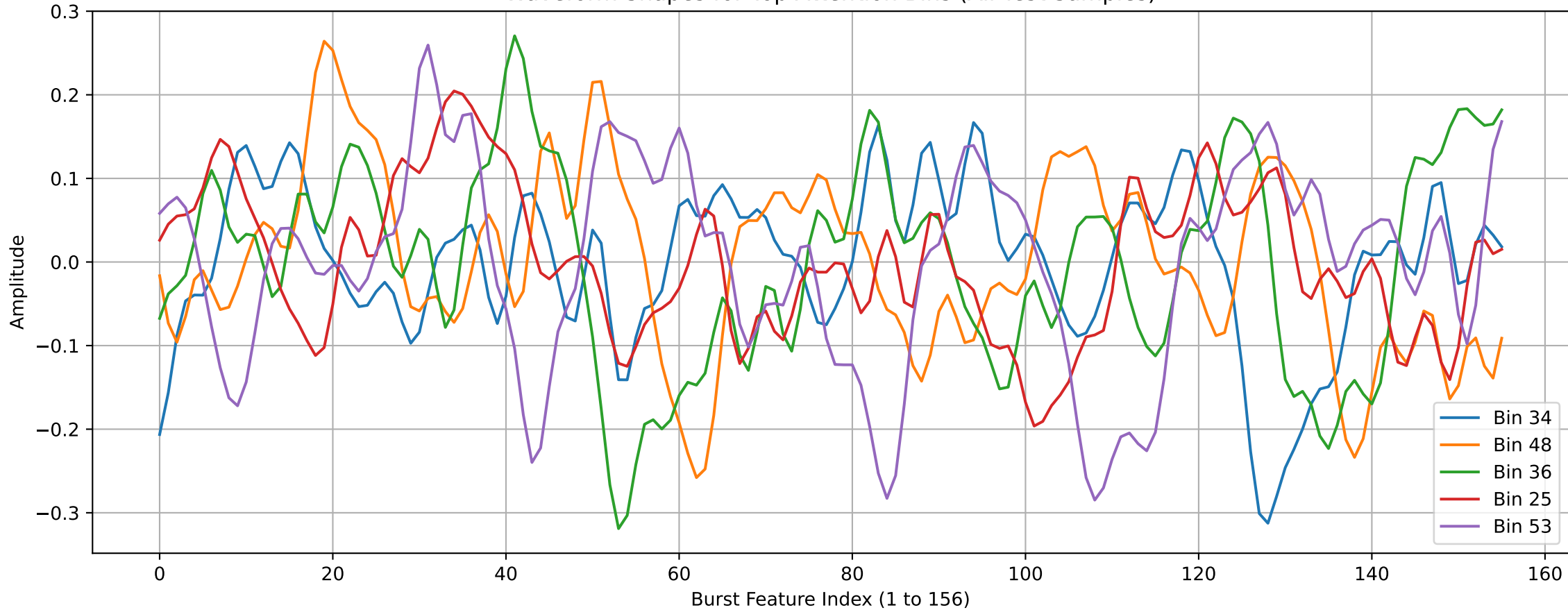
Val: Epoch 999  
MSE: 0.4353, R2: 0.5732



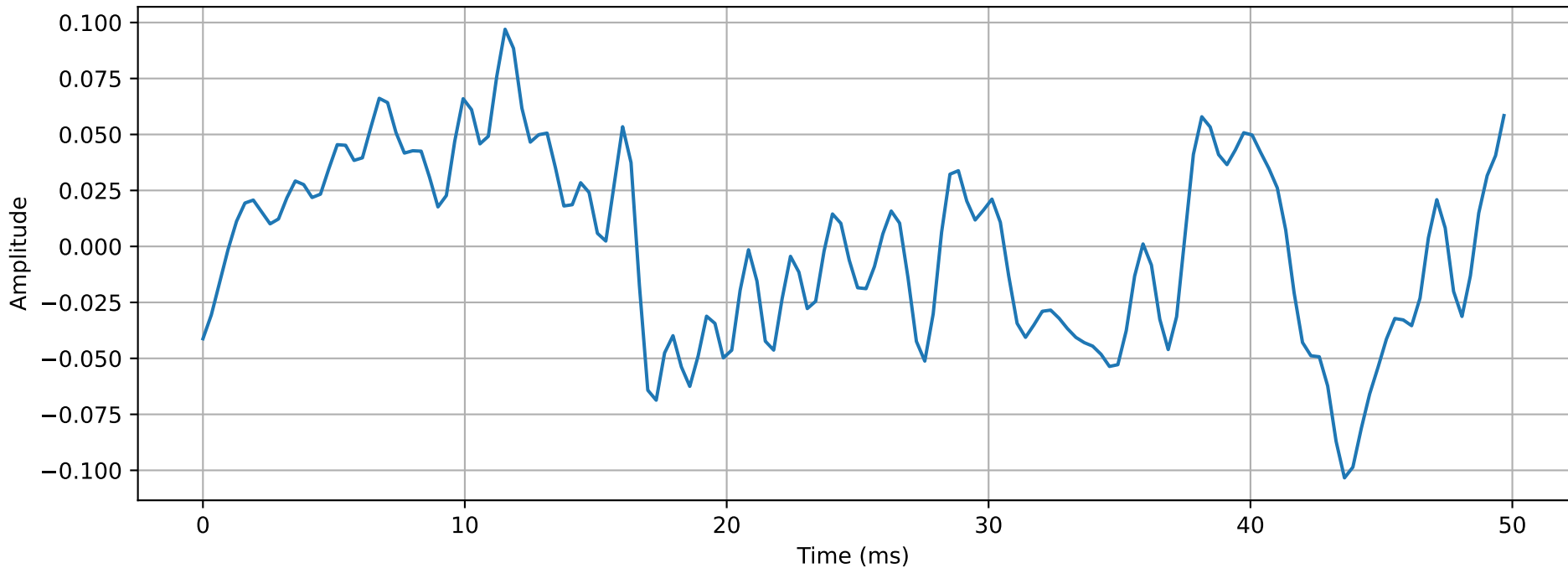
Attention Weights Across Time Bins (All Test Samples)



Waveform Shapes for Top Attention Bins (All Test Samples)

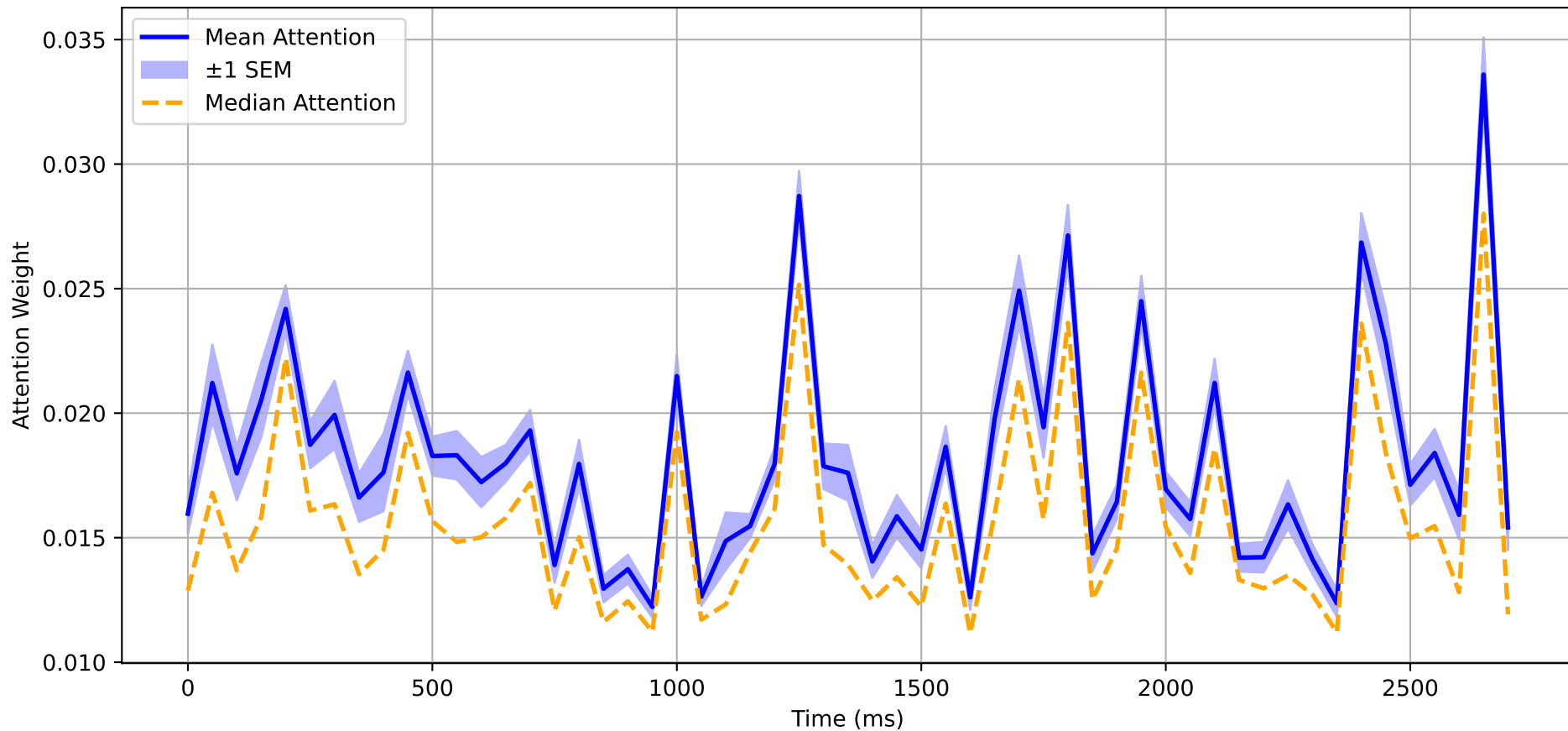


Average Burst Waveform from Top Attention Bins (All Test Samples)

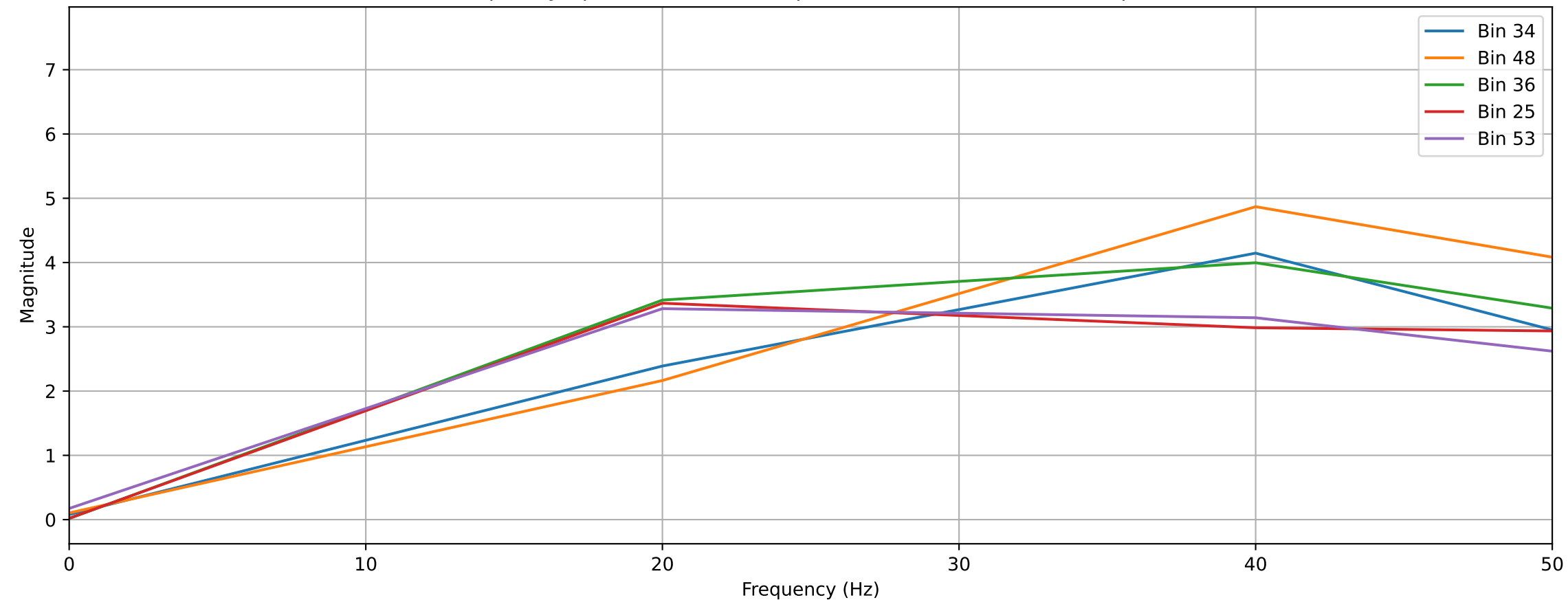




Mean & Median Attention Weights  $\pm$  SEM (This Subject)

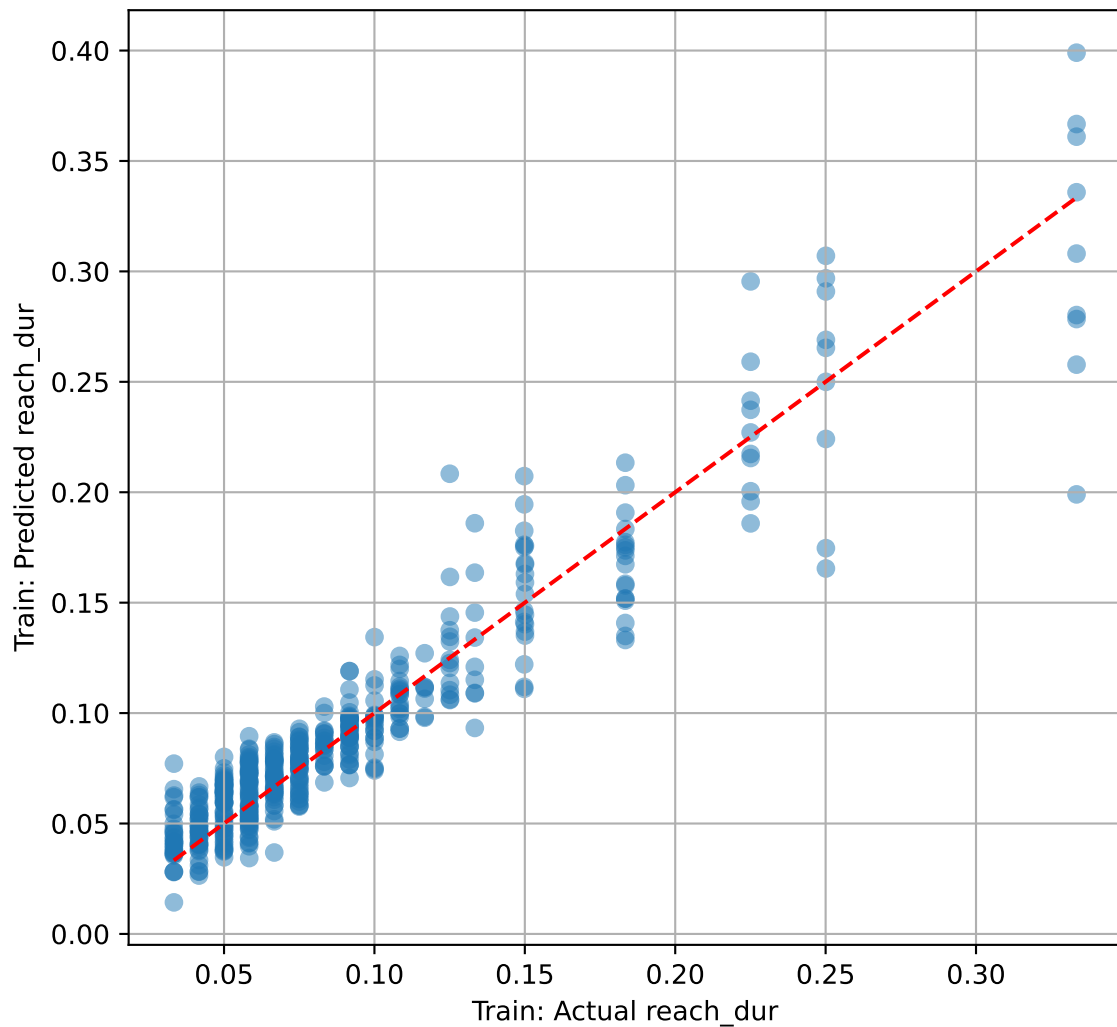


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

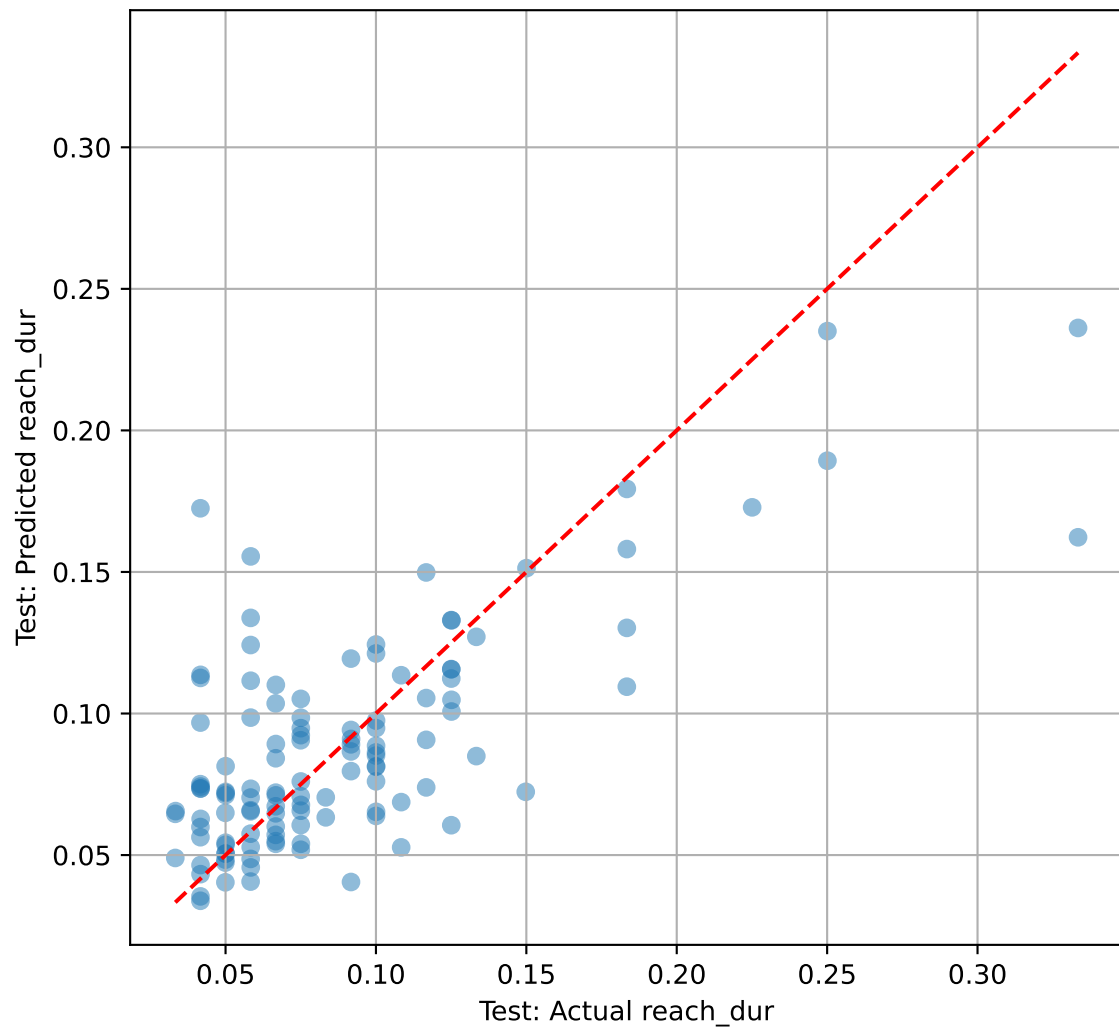


**sub-123**

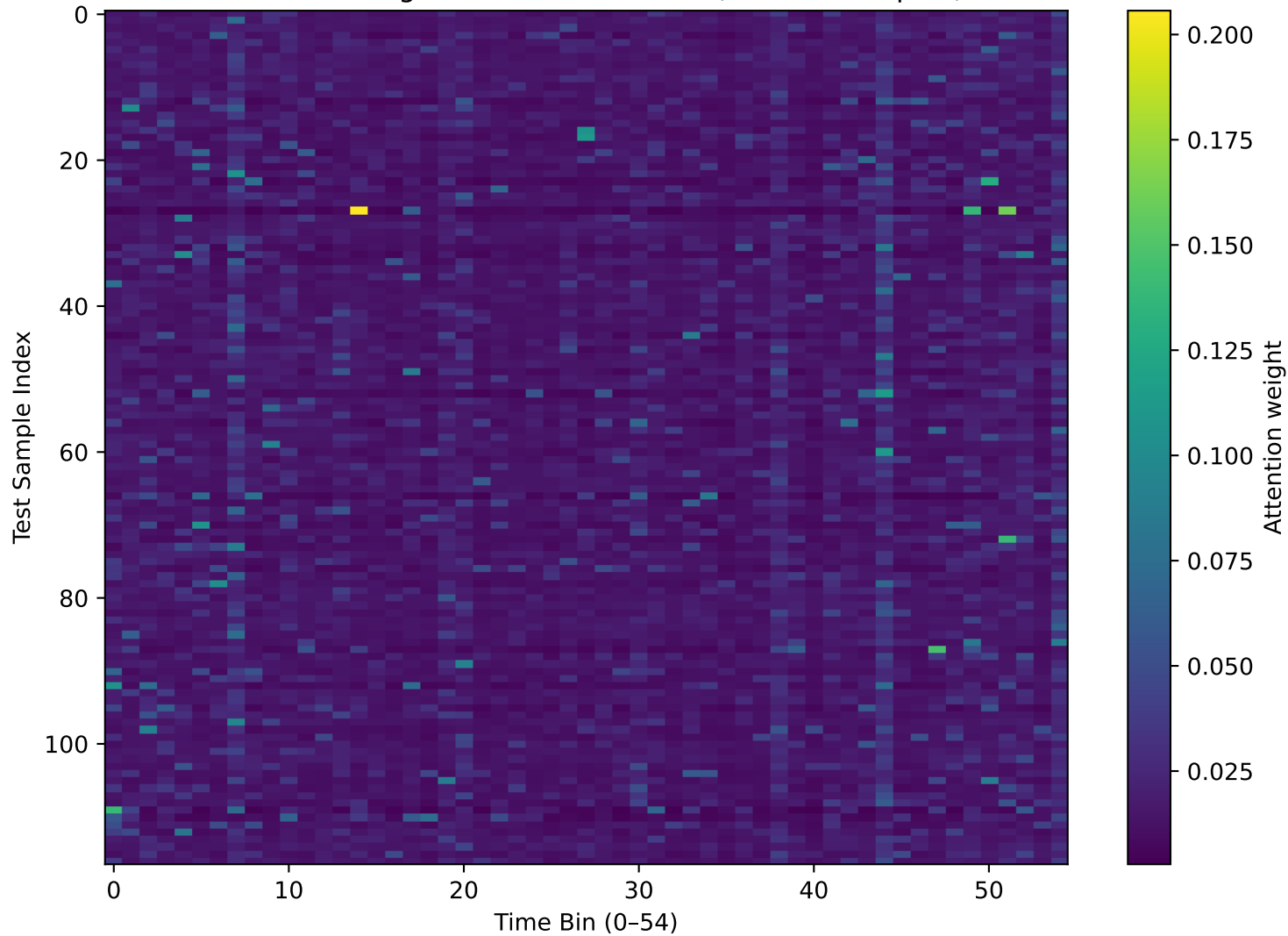
Train: Epoch 951  
MSE: 0.1092, R2: 0.8943



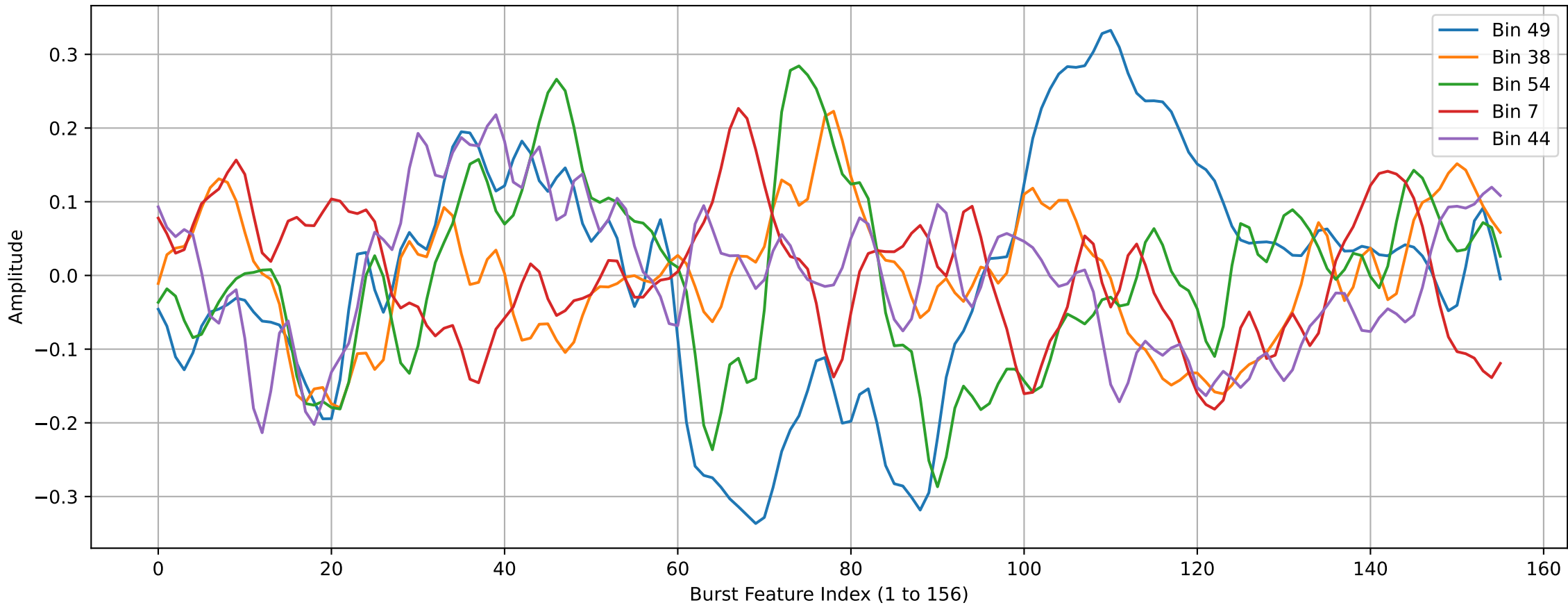
Val: Epoch 951  
MSE: 0.4135, R2: 0.5223



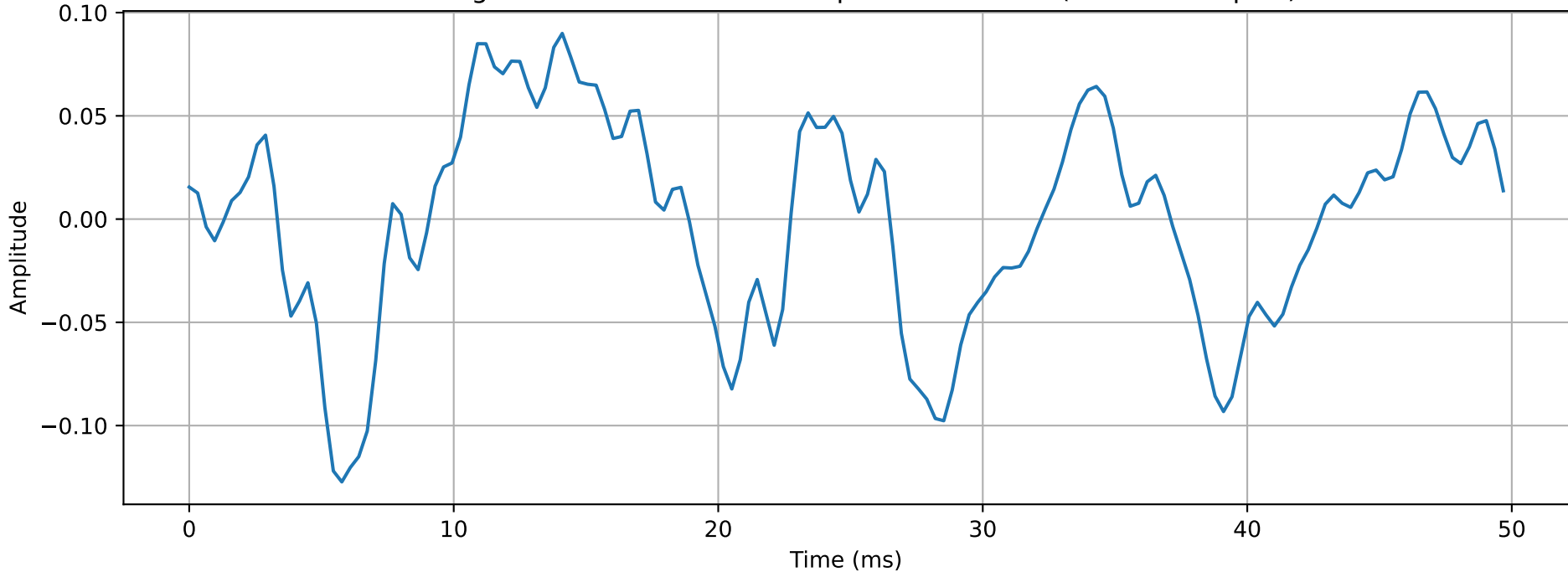
Attention Weights Across Time Bins (All Test Samples)



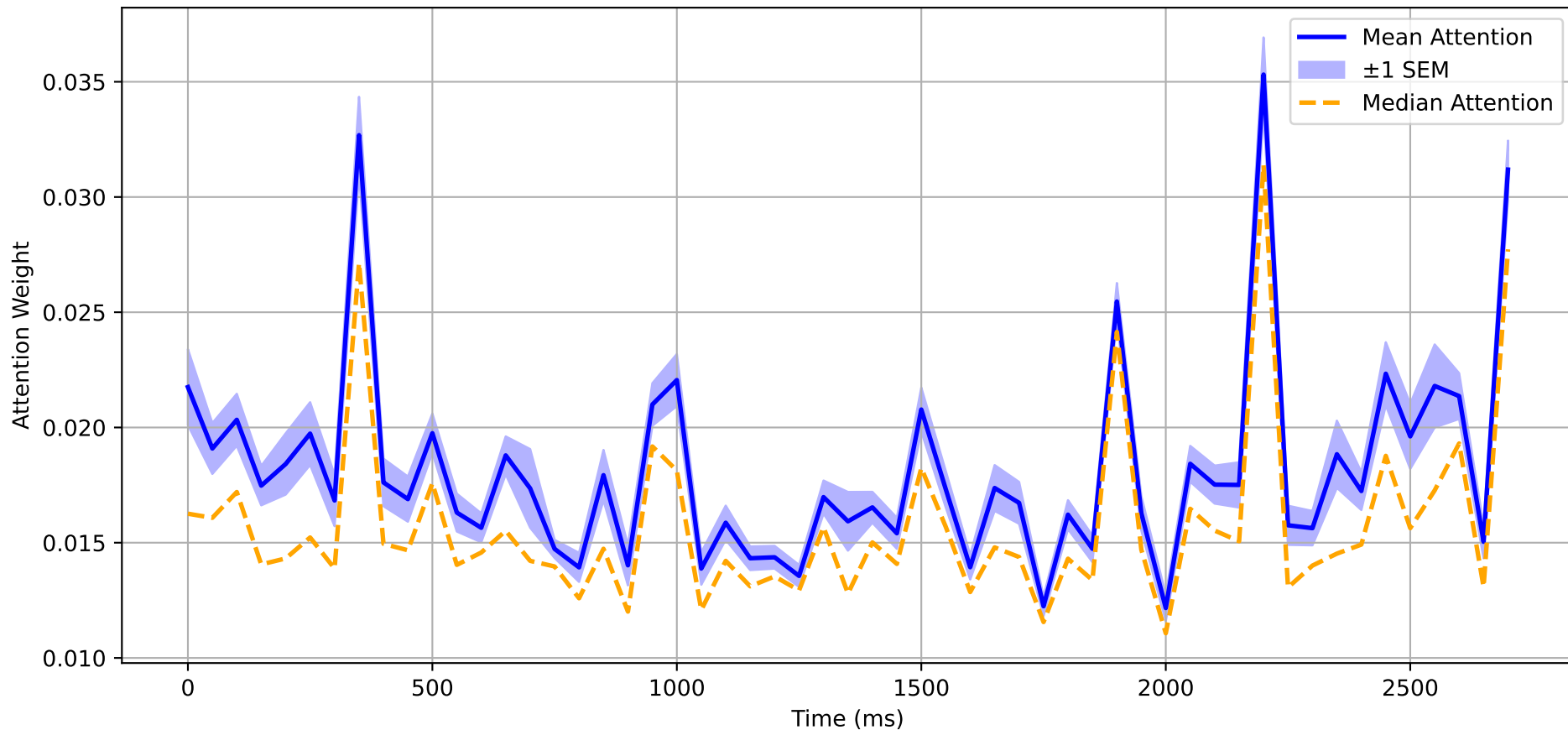
Waveform Shapes for Top Attention Bins (All Test Samples)



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

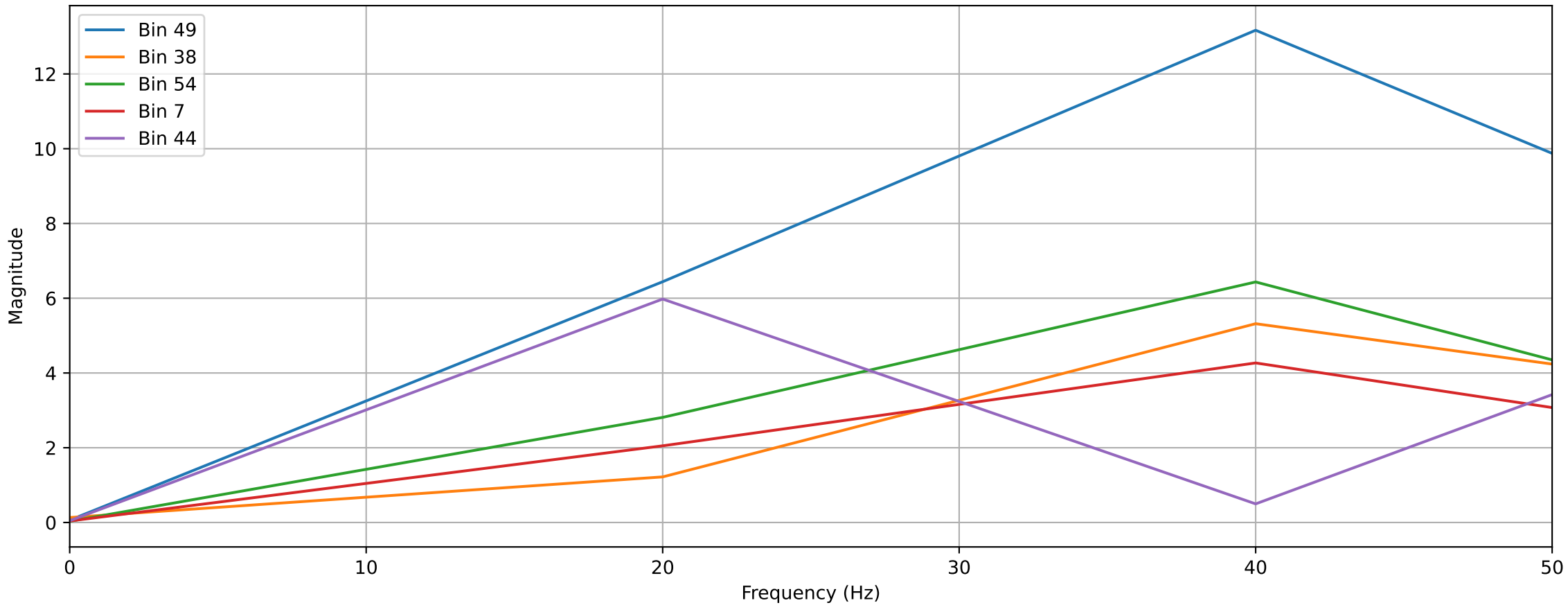


Mean & Median Attention Weights  $\pm$  SEM (This Subject)



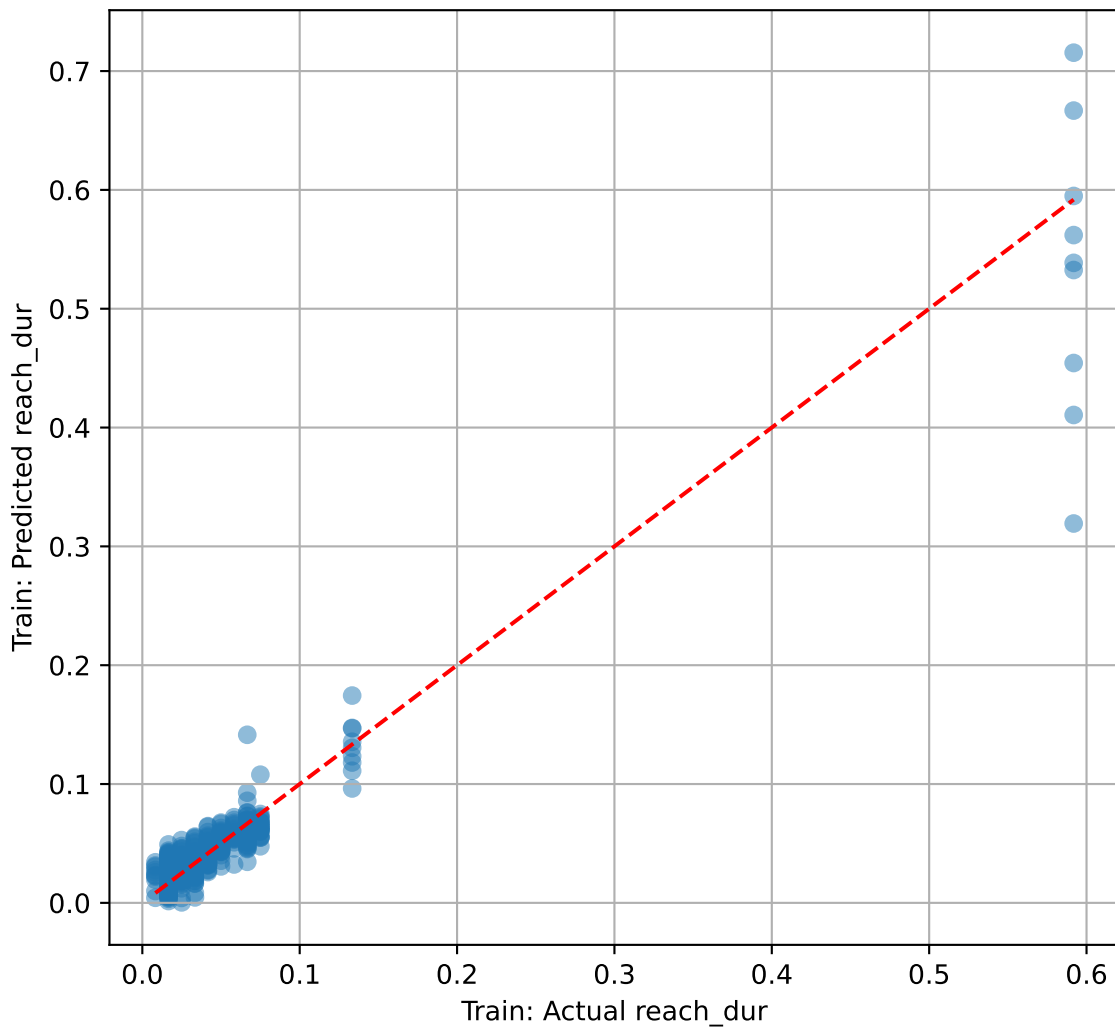


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

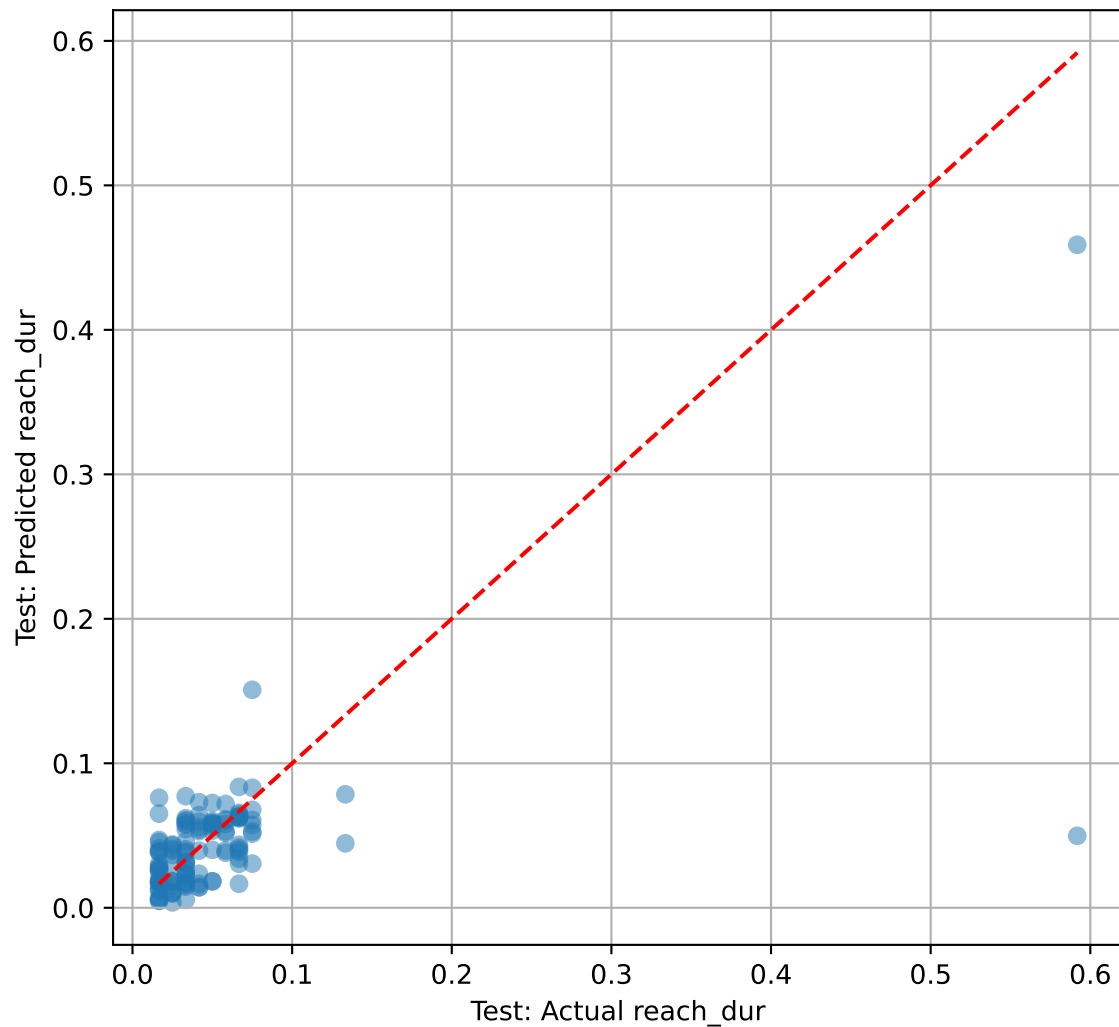


**sub-124**

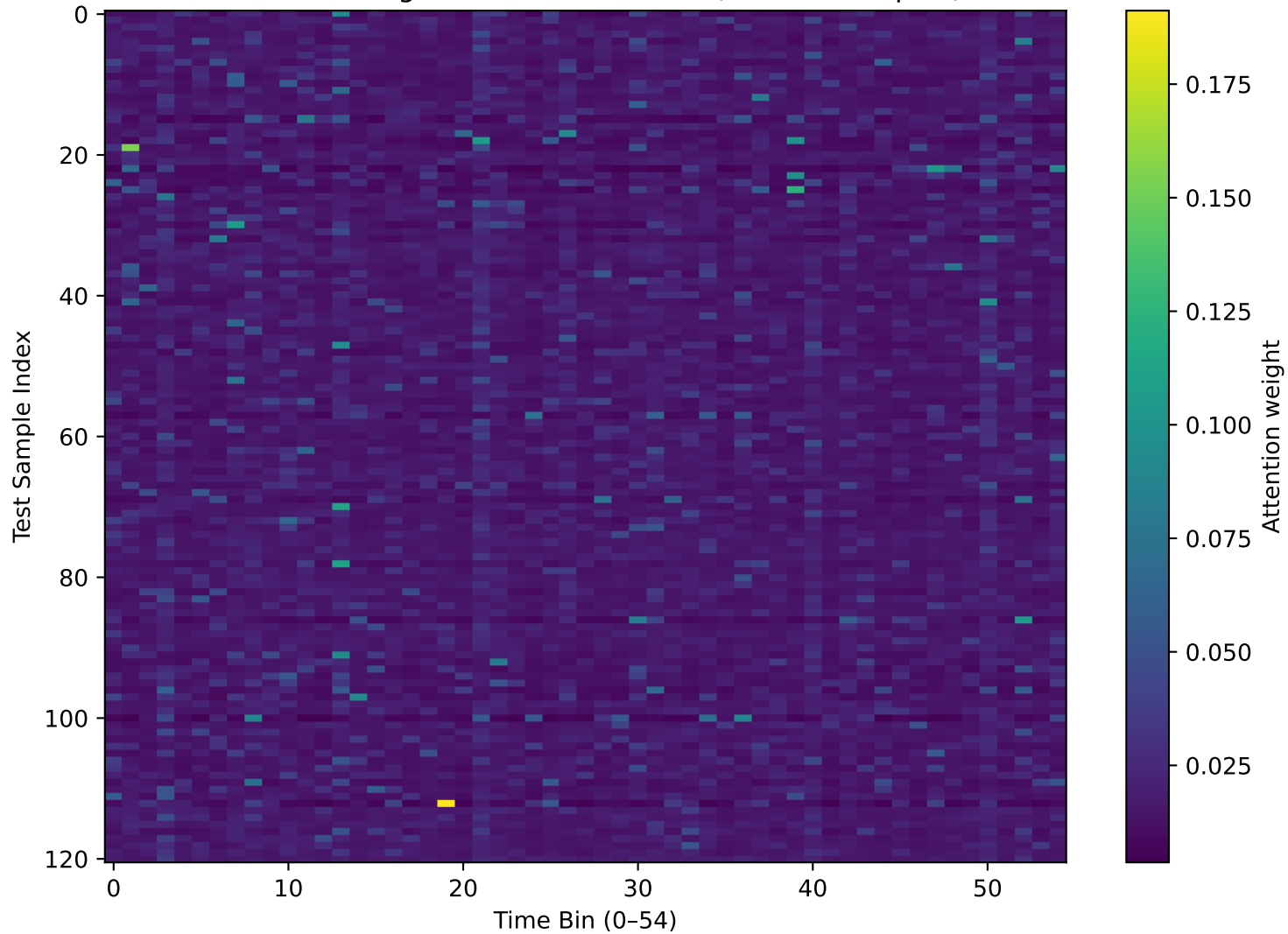
Train: Epoch 777  
MSE: 0.0768, R2: 0.9249



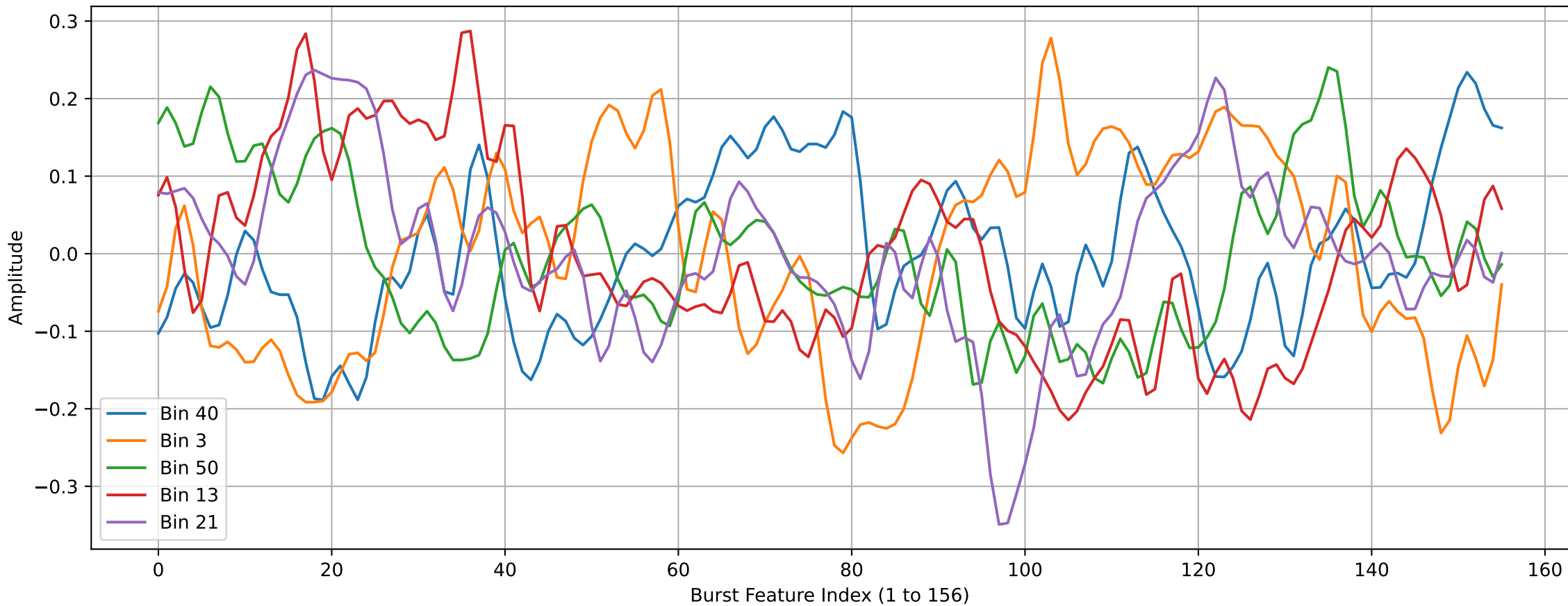
Val: Epoch 777  
MSE: 0.5159, R2: 0.4347



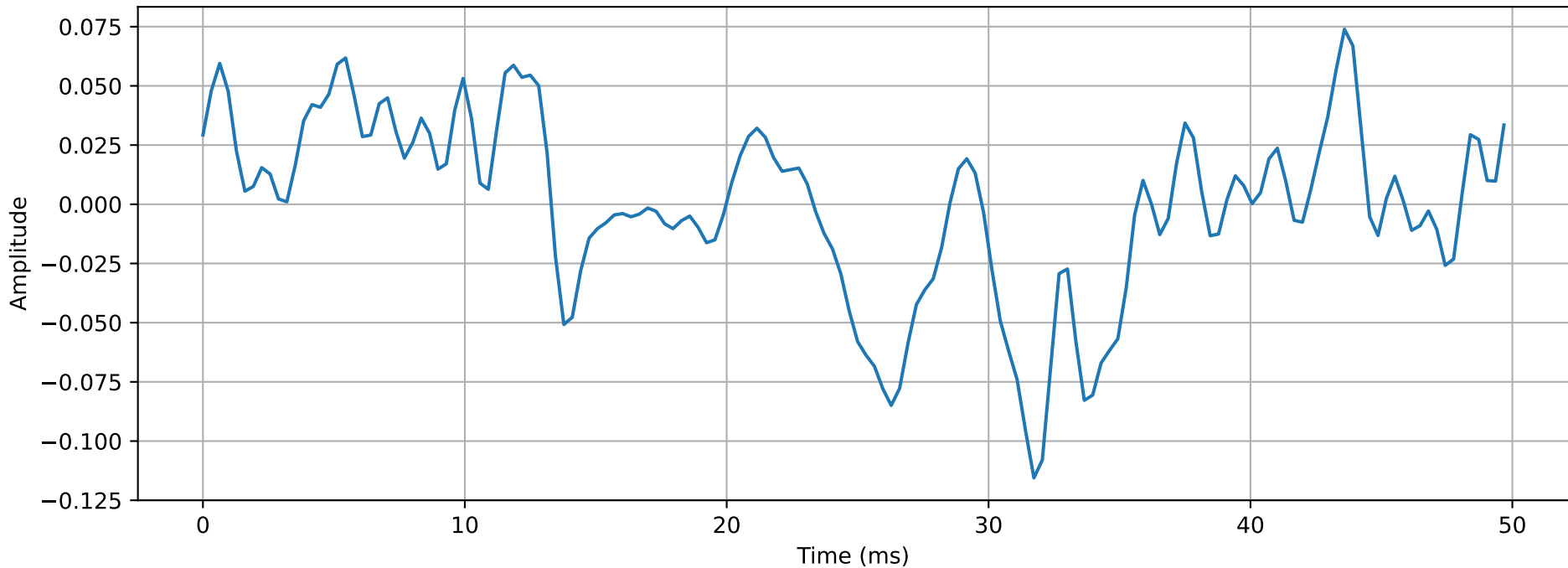
Attention Weights Across Time Bins (All Test Samples)



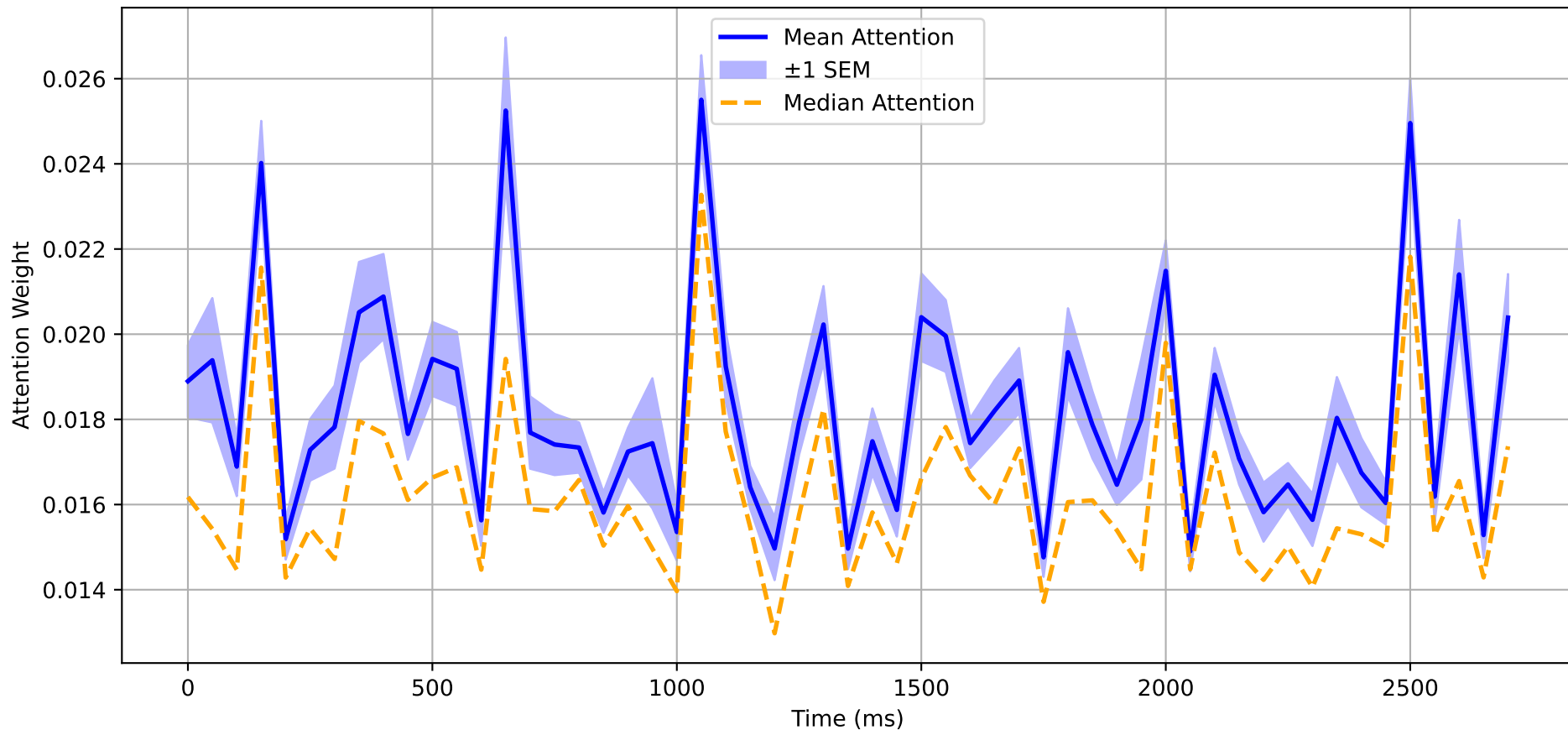
Waveform Shapes for Top Attention Bins (All Test Samples)



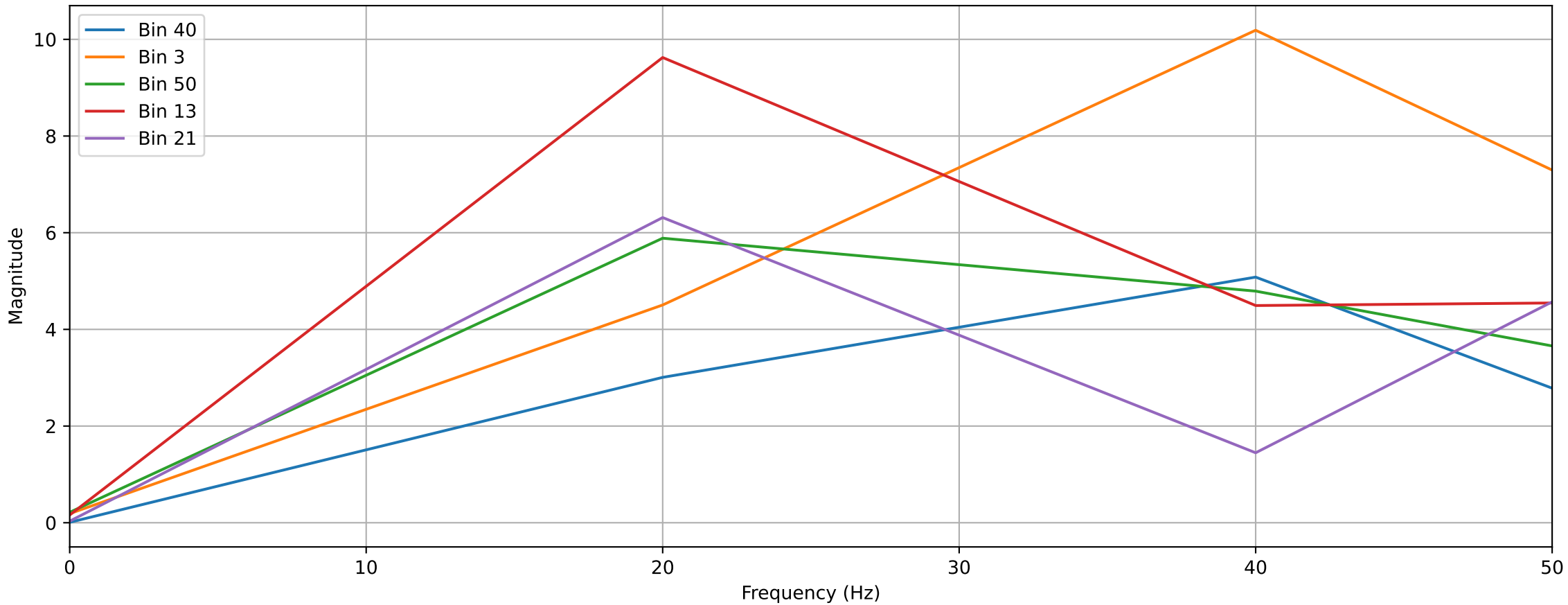
Average Burst Waveform from Top Attention Bins (All Test Samples)



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



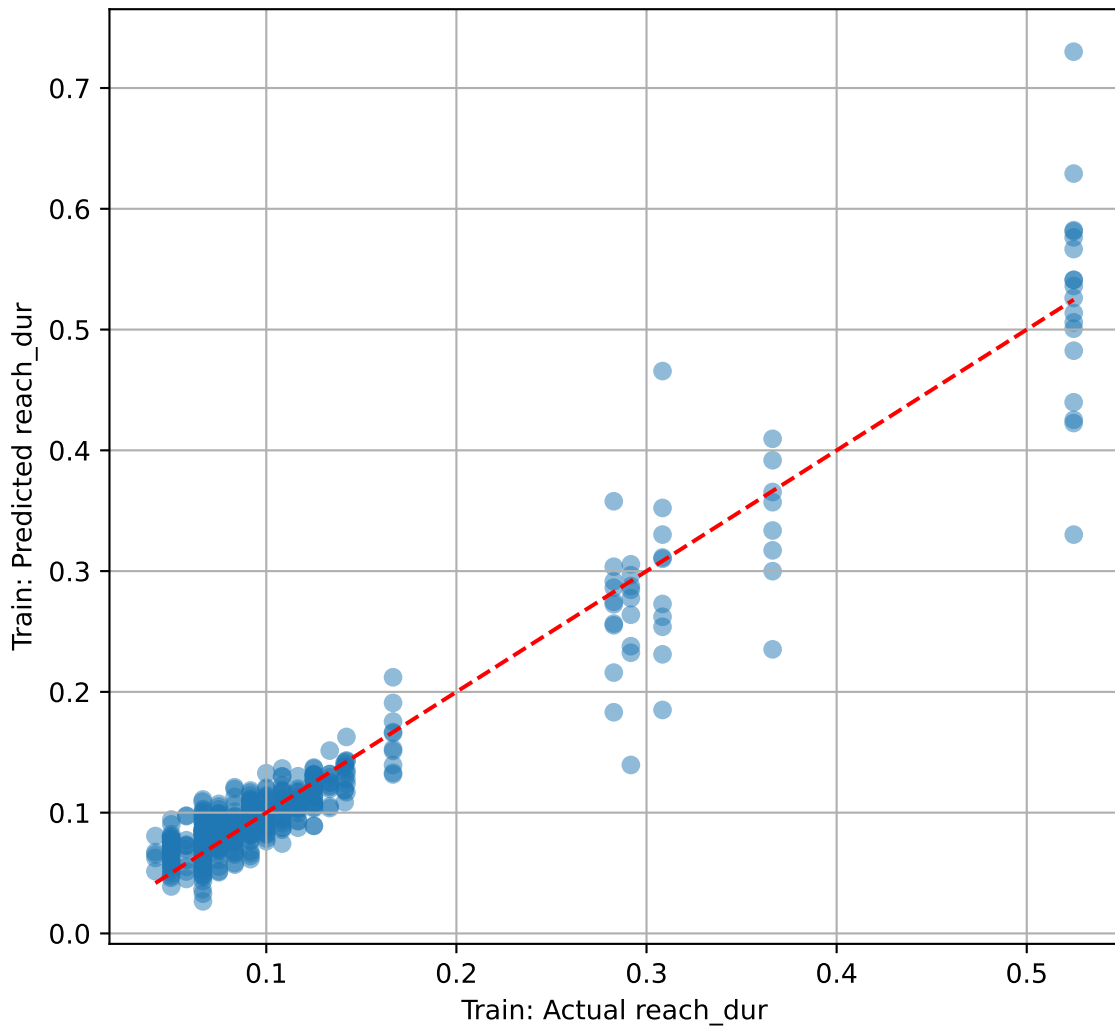
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



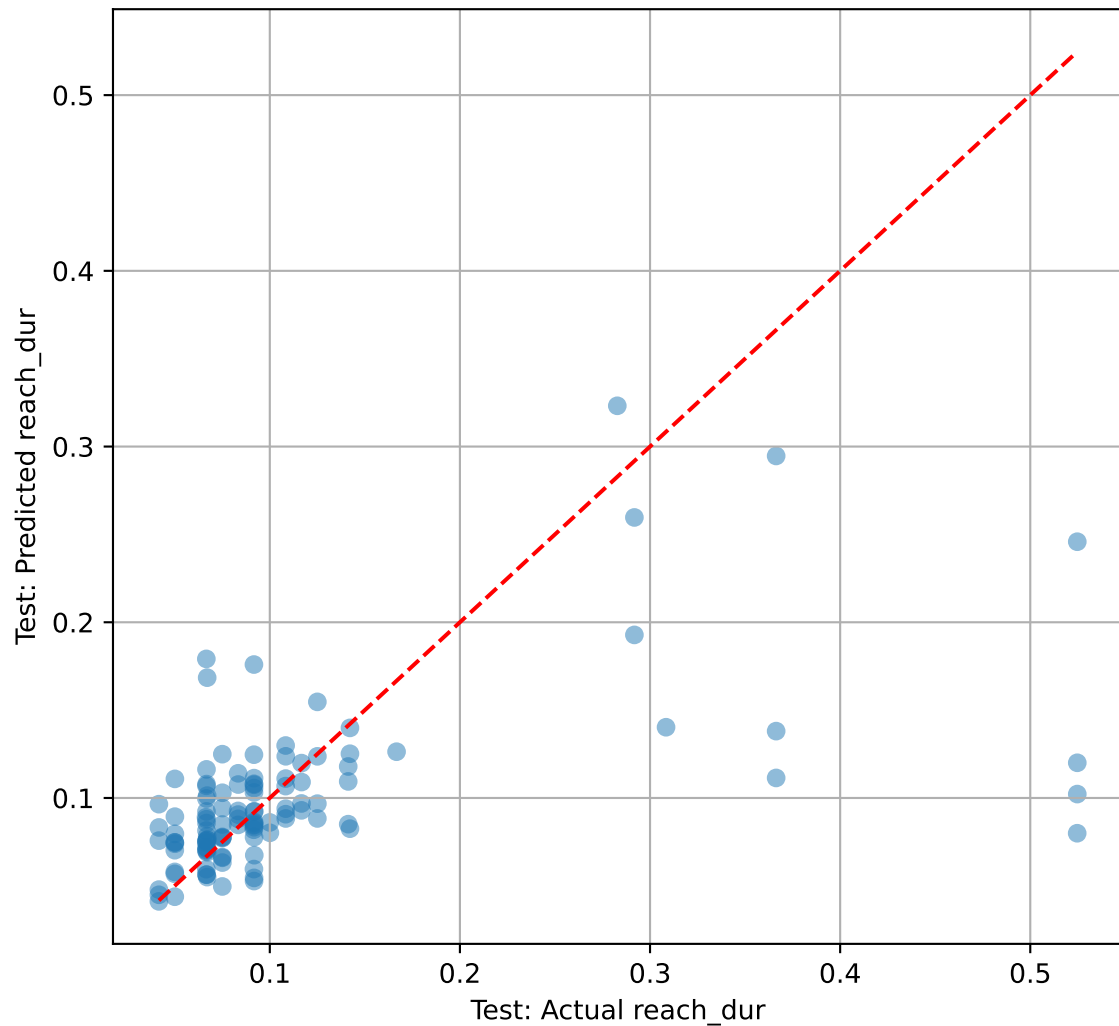


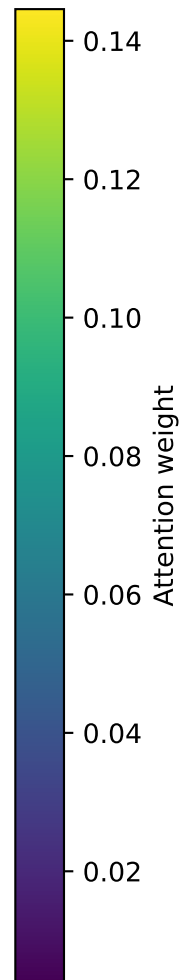
**sub-126**

Train: Epoch 980  
MSE: 0.0769, R2: 0.9241

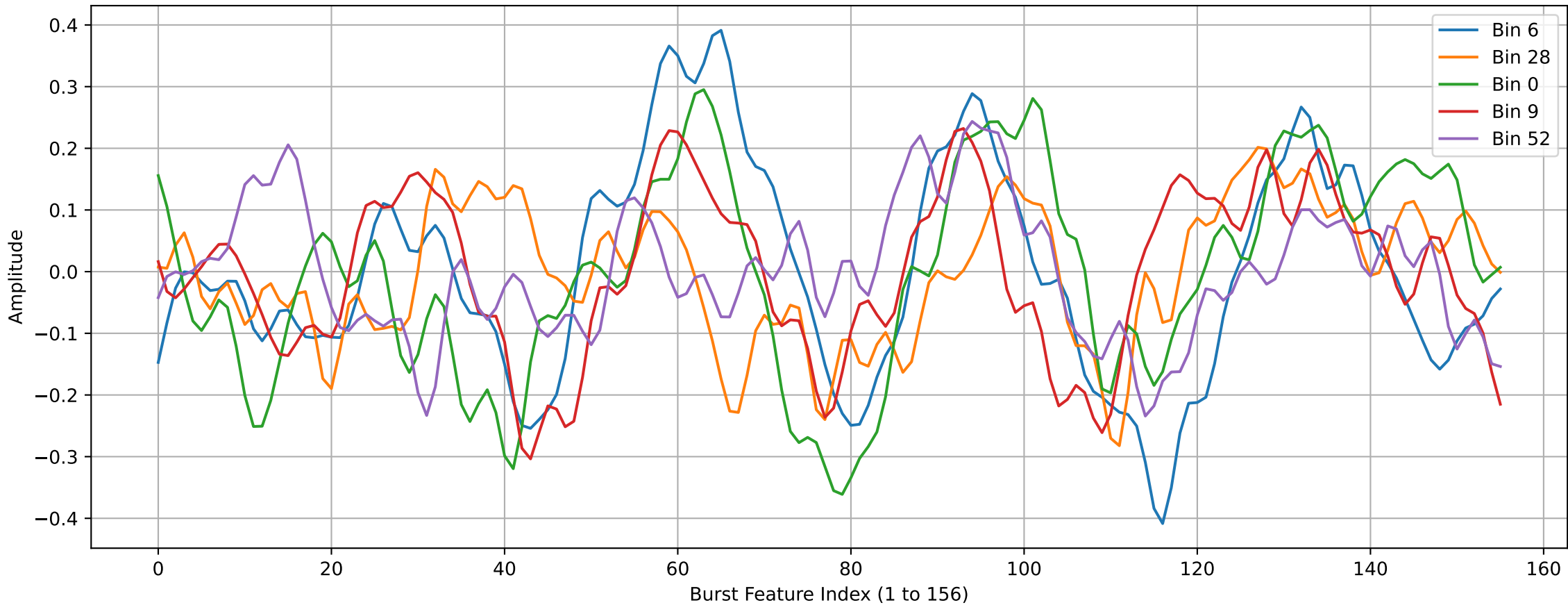


Val: Epoch 980  
MSE: 0.6989, R2: 0.2582

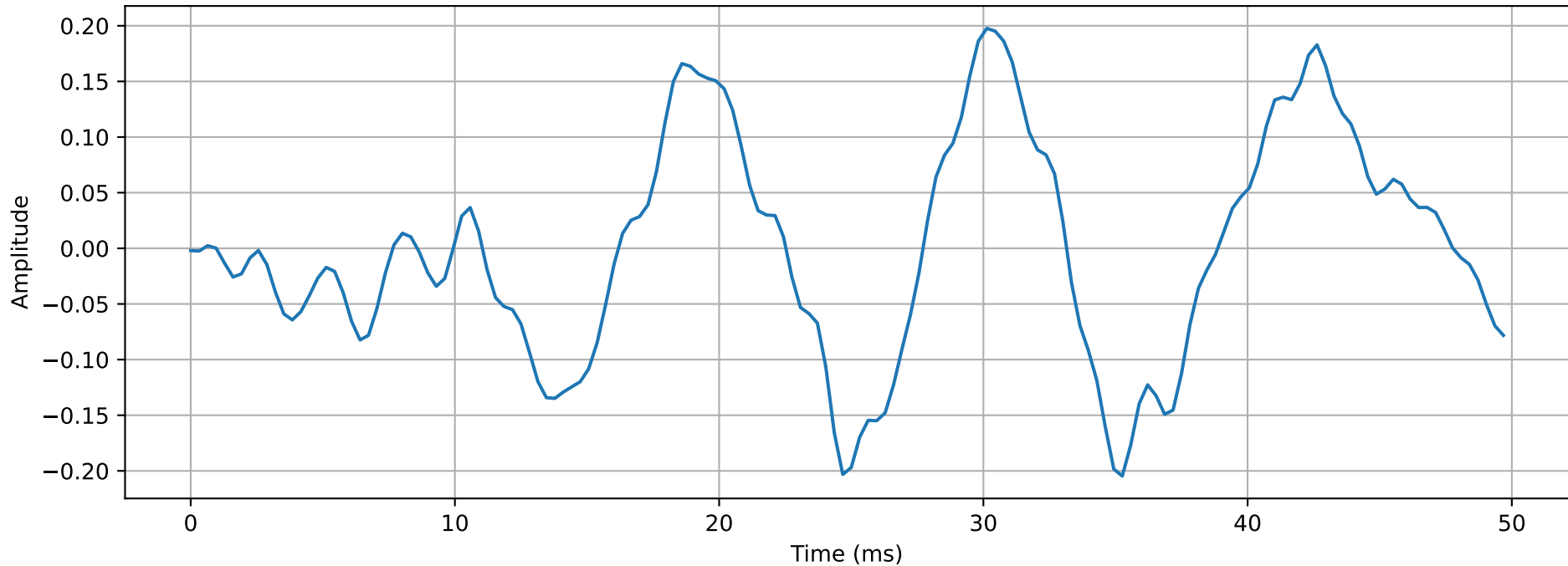




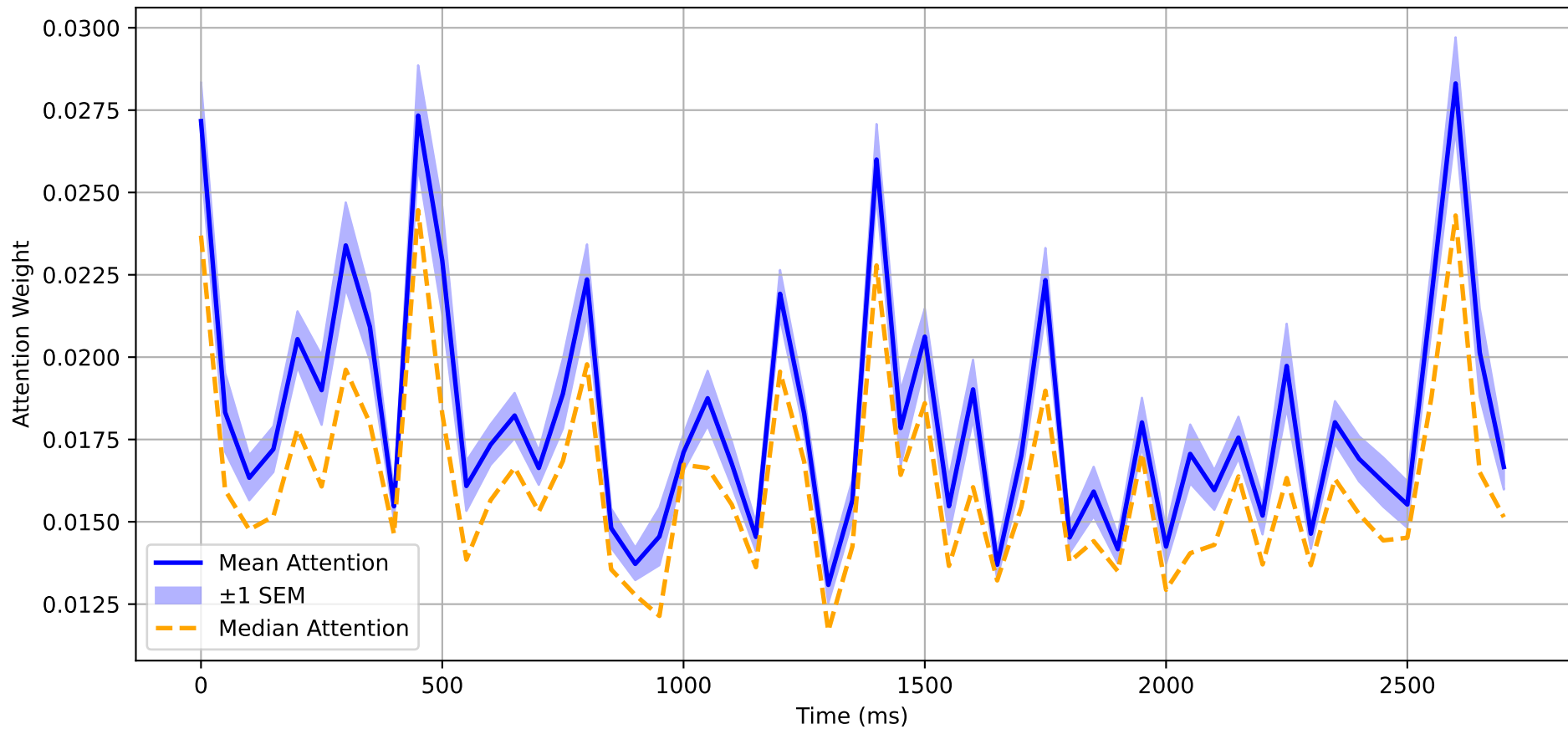
Waveform Shapes for Top Attention Bins (All Test Samples)



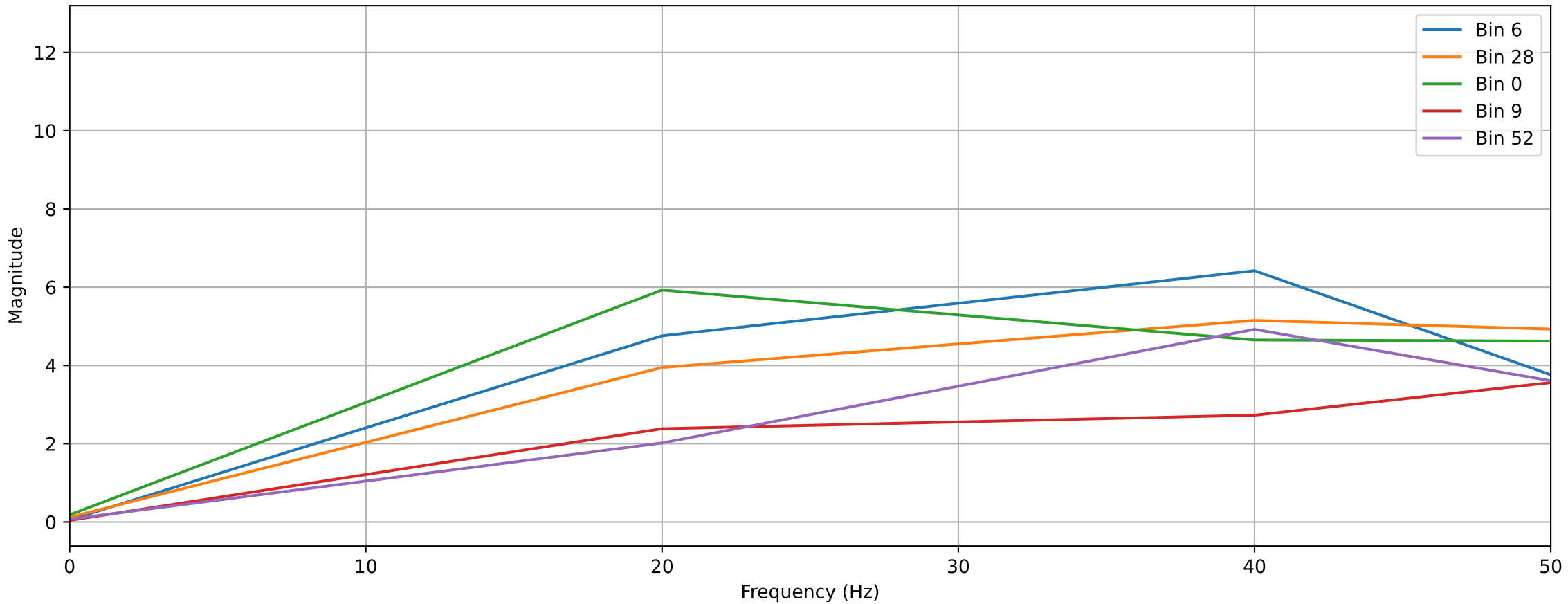
Average Burst Waveform from Top Attention Bins (All Test Samples)



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



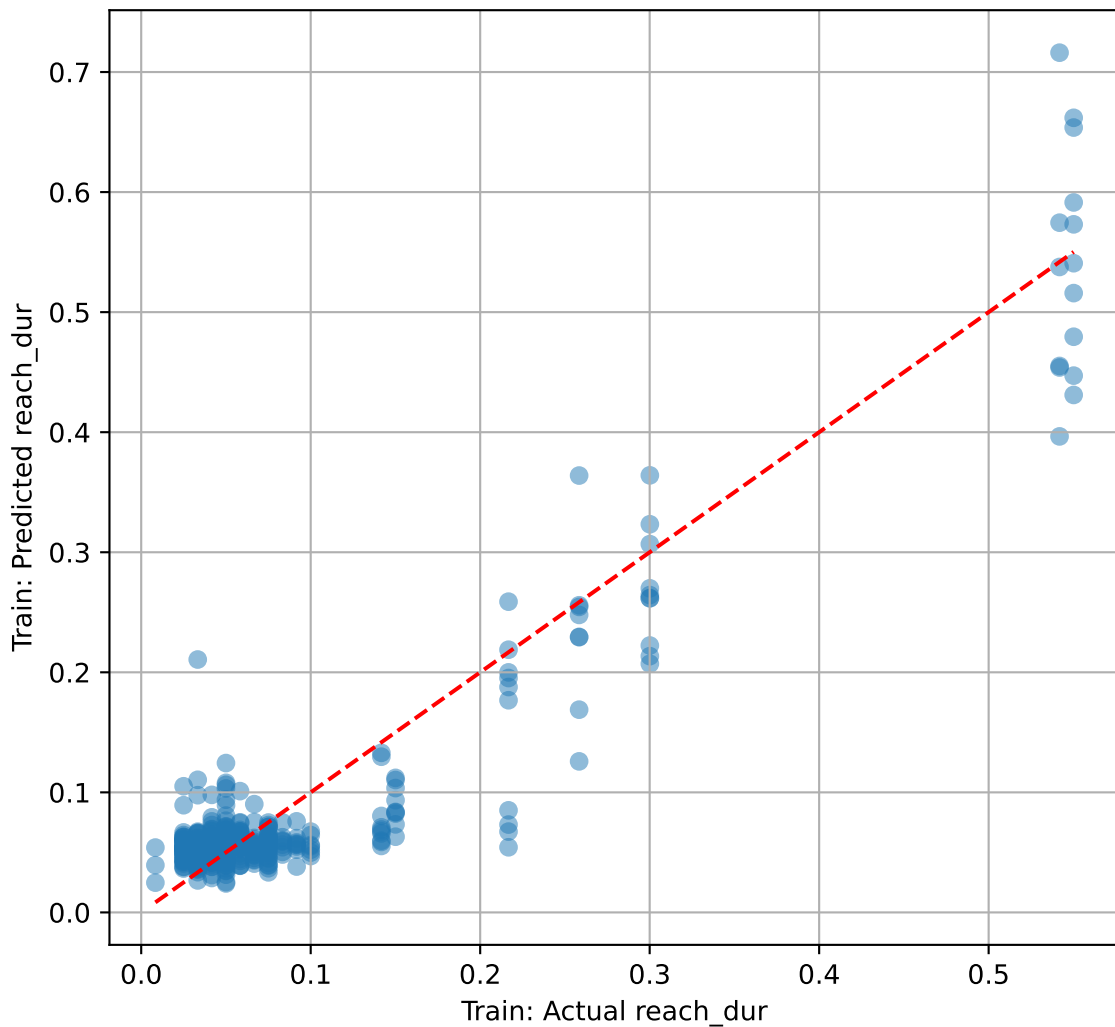
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



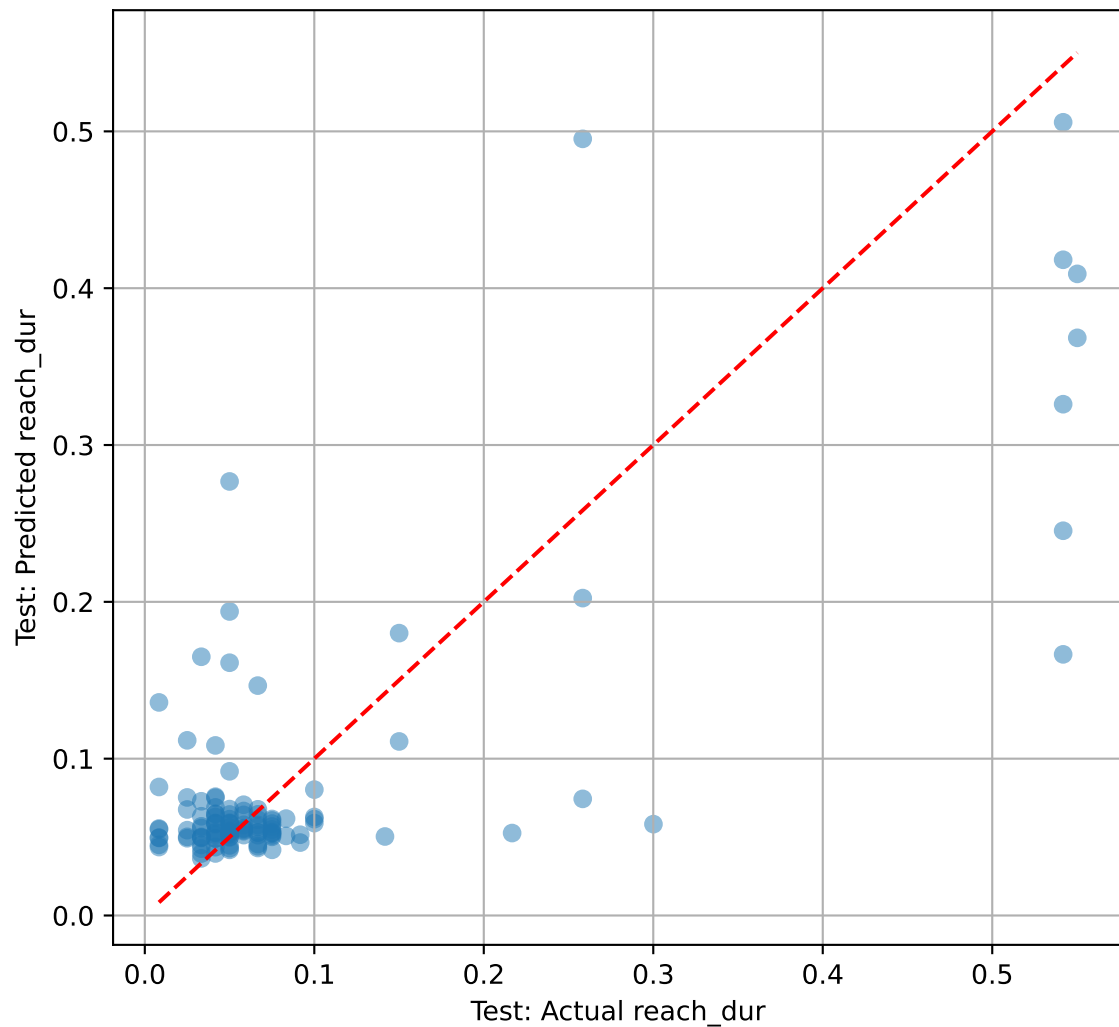
**sub-127**



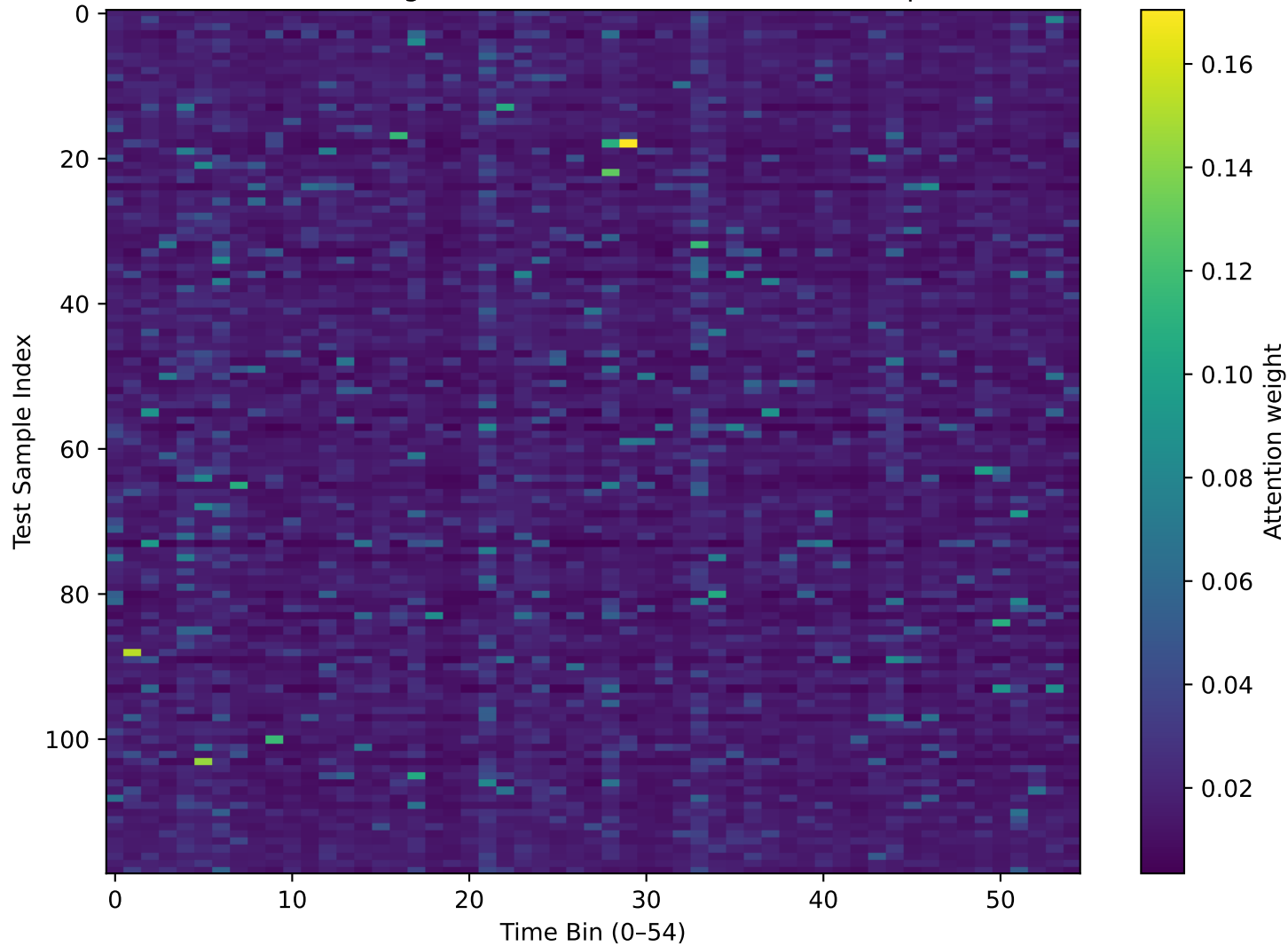
Train: Epoch 238  
MSE: 0.1118, R2: 0.8769



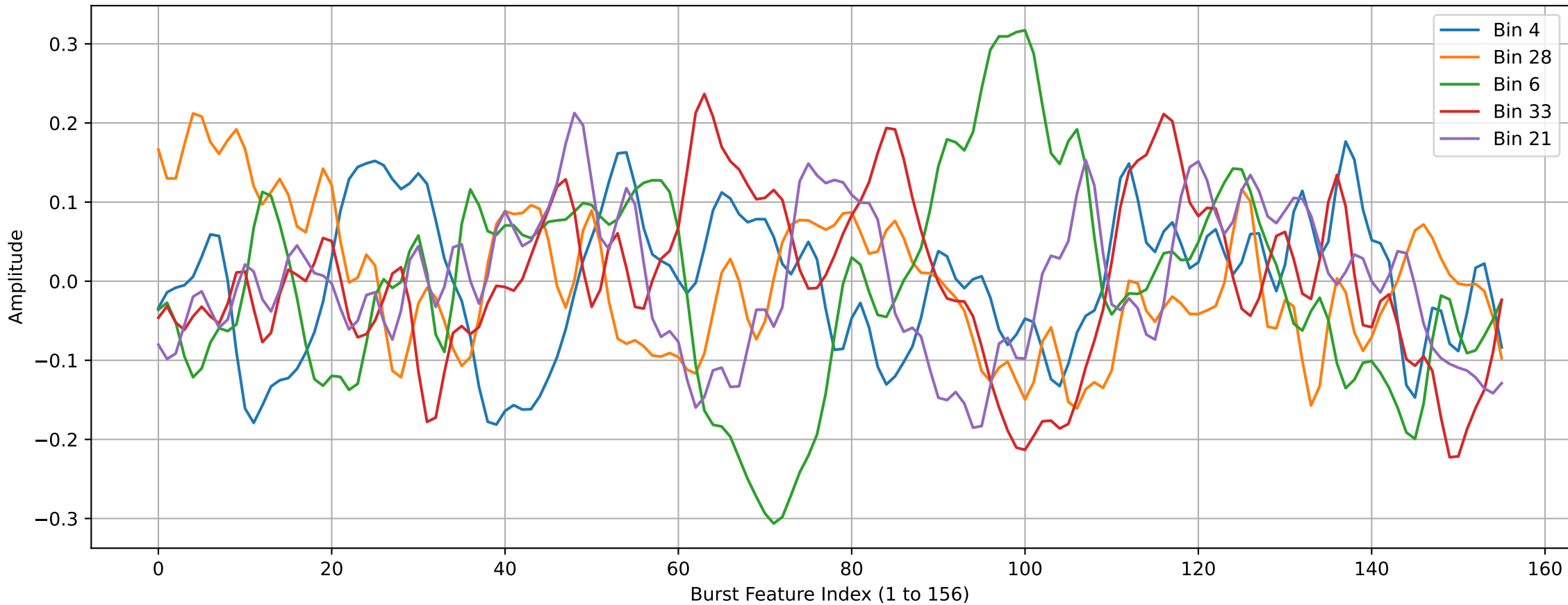
Val: Epoch 238  
MSE: 0.5446, R2: 0.5995



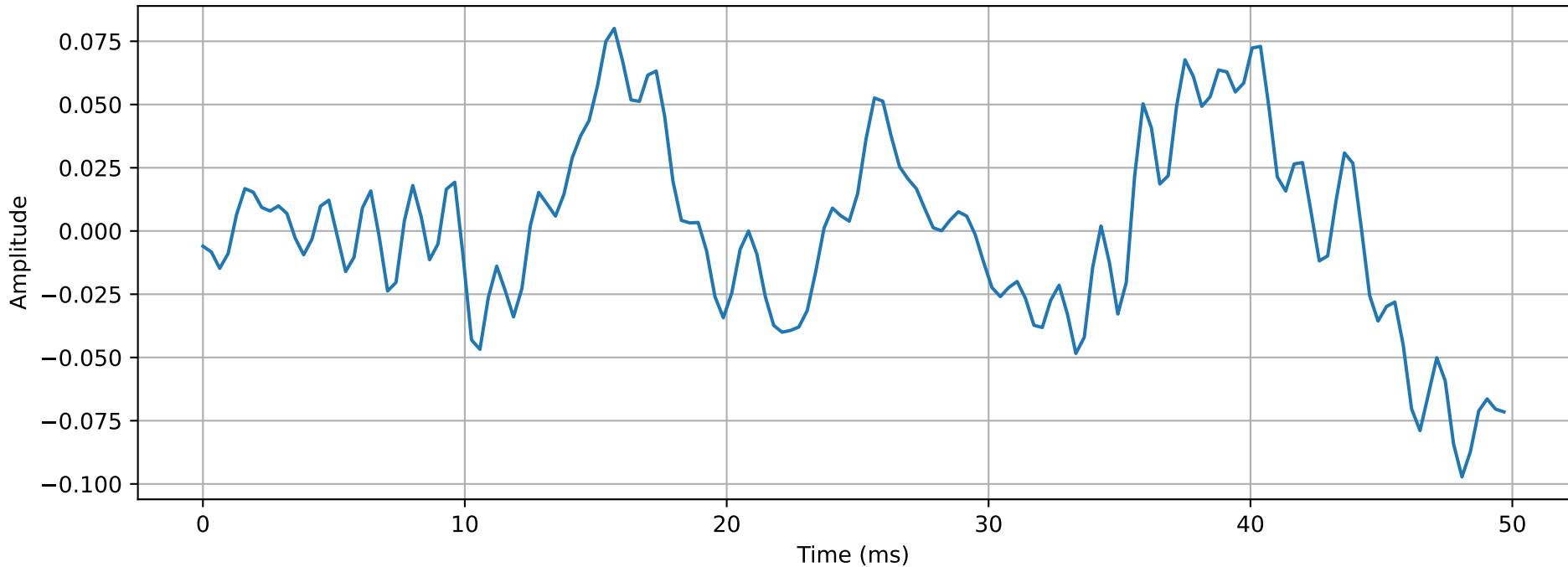
Attention Weights Across Time Bins (All Test Samples)



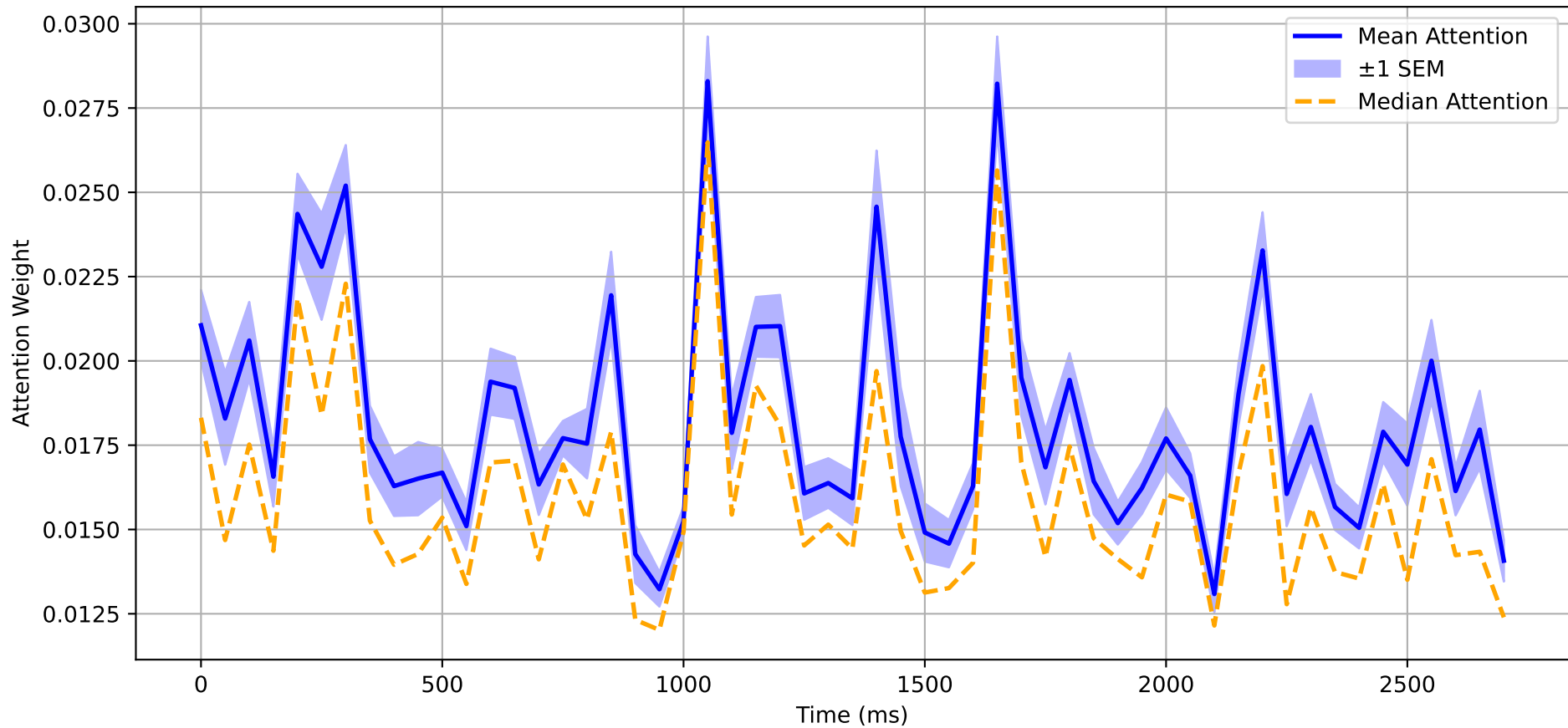
Waveform Shapes for Top Attention Bins (All Test Samples)



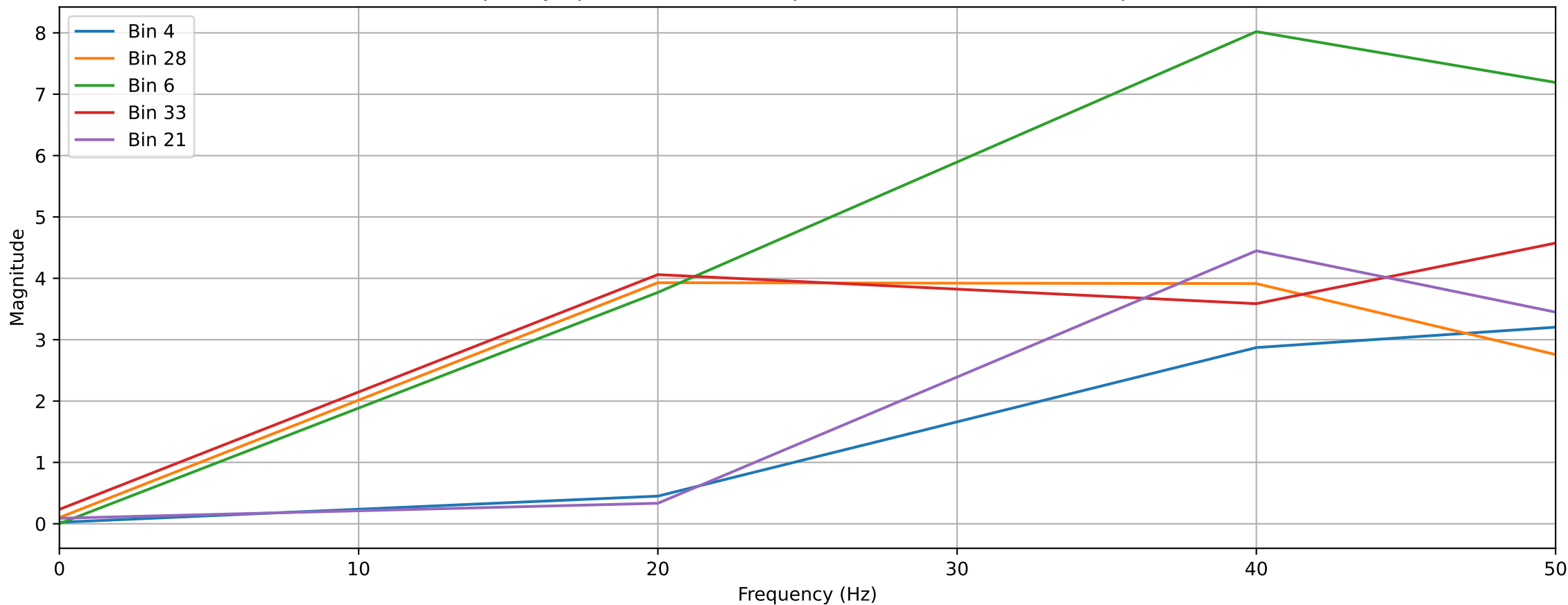
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

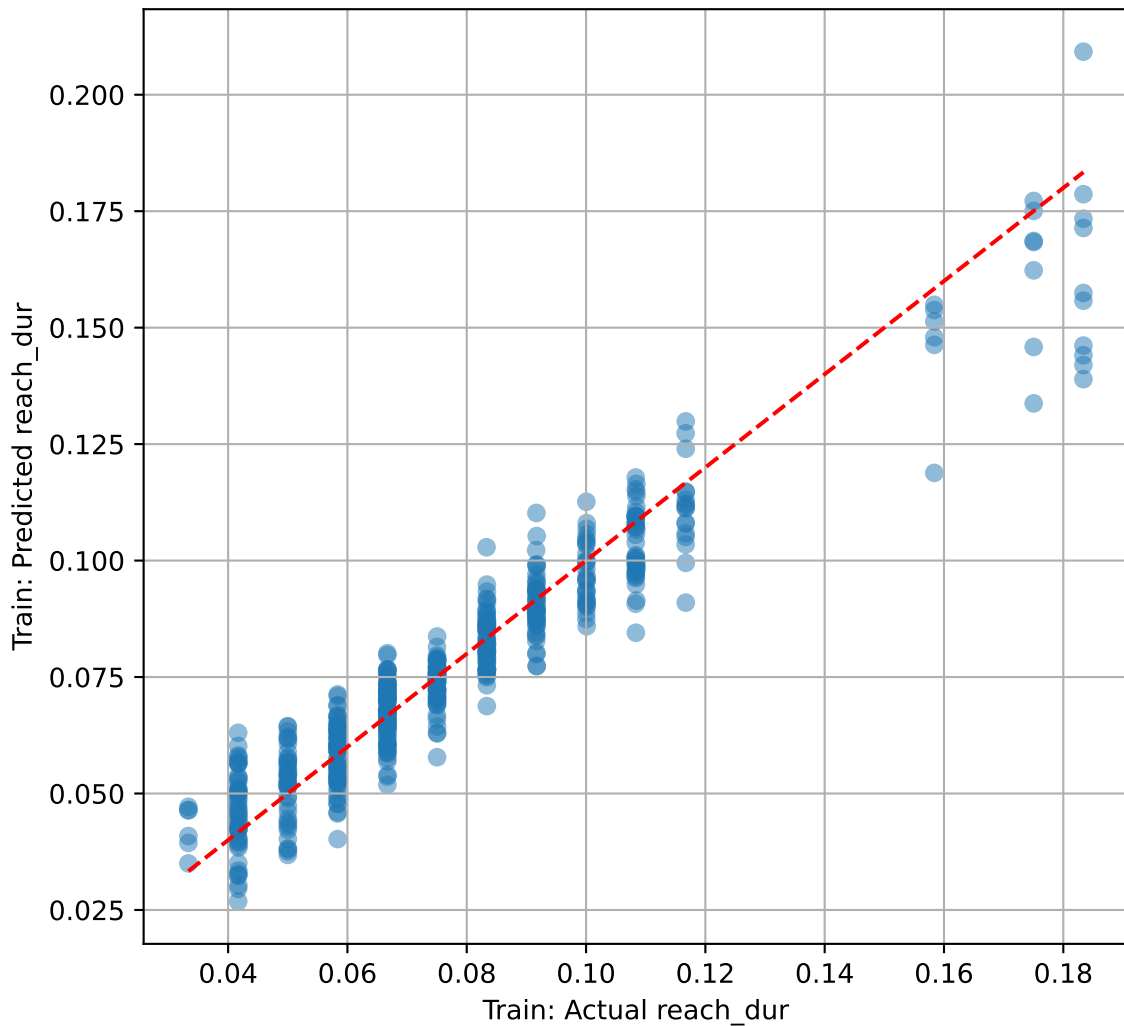


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

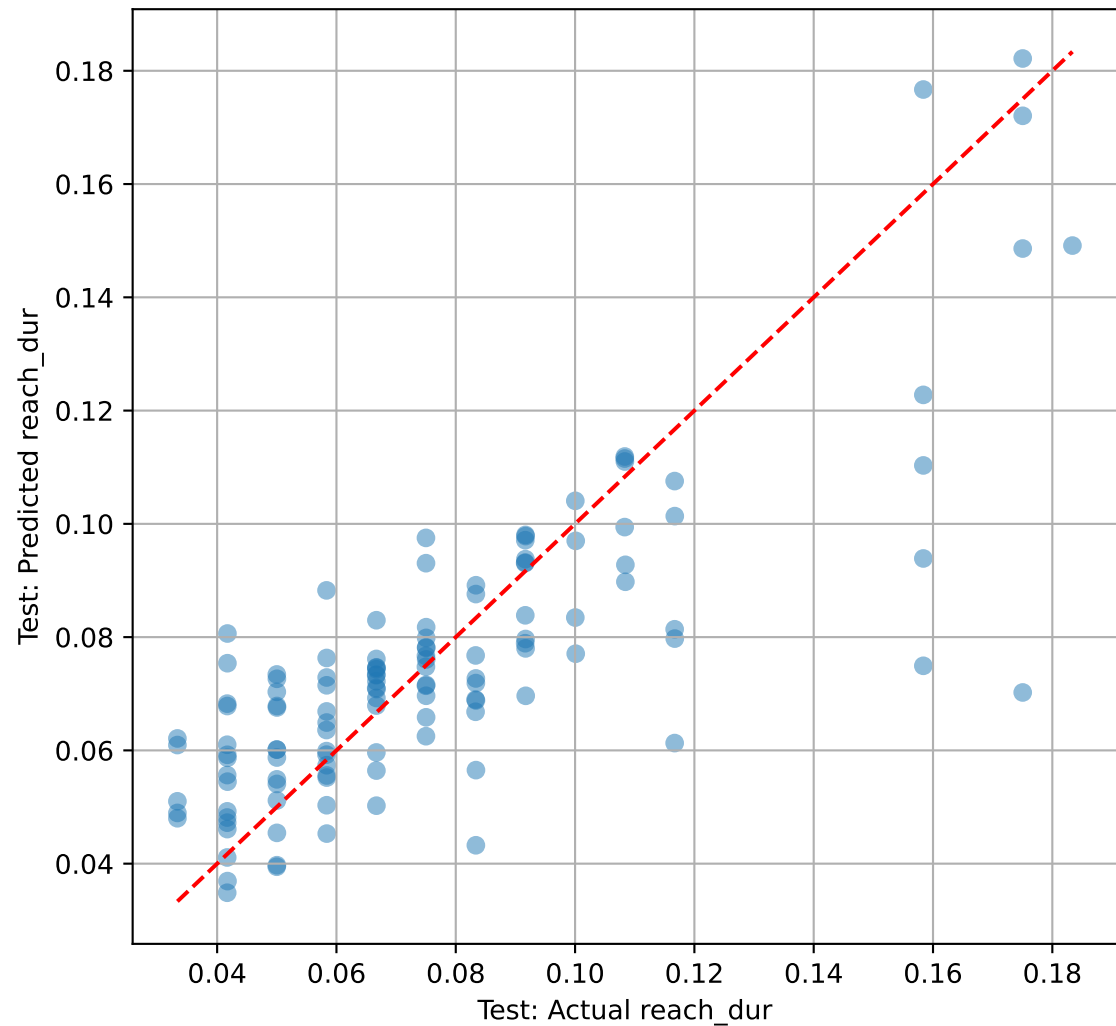


**sub-129**

Train: Epoch 919  
MSE: 0.0831, R2: 0.9116

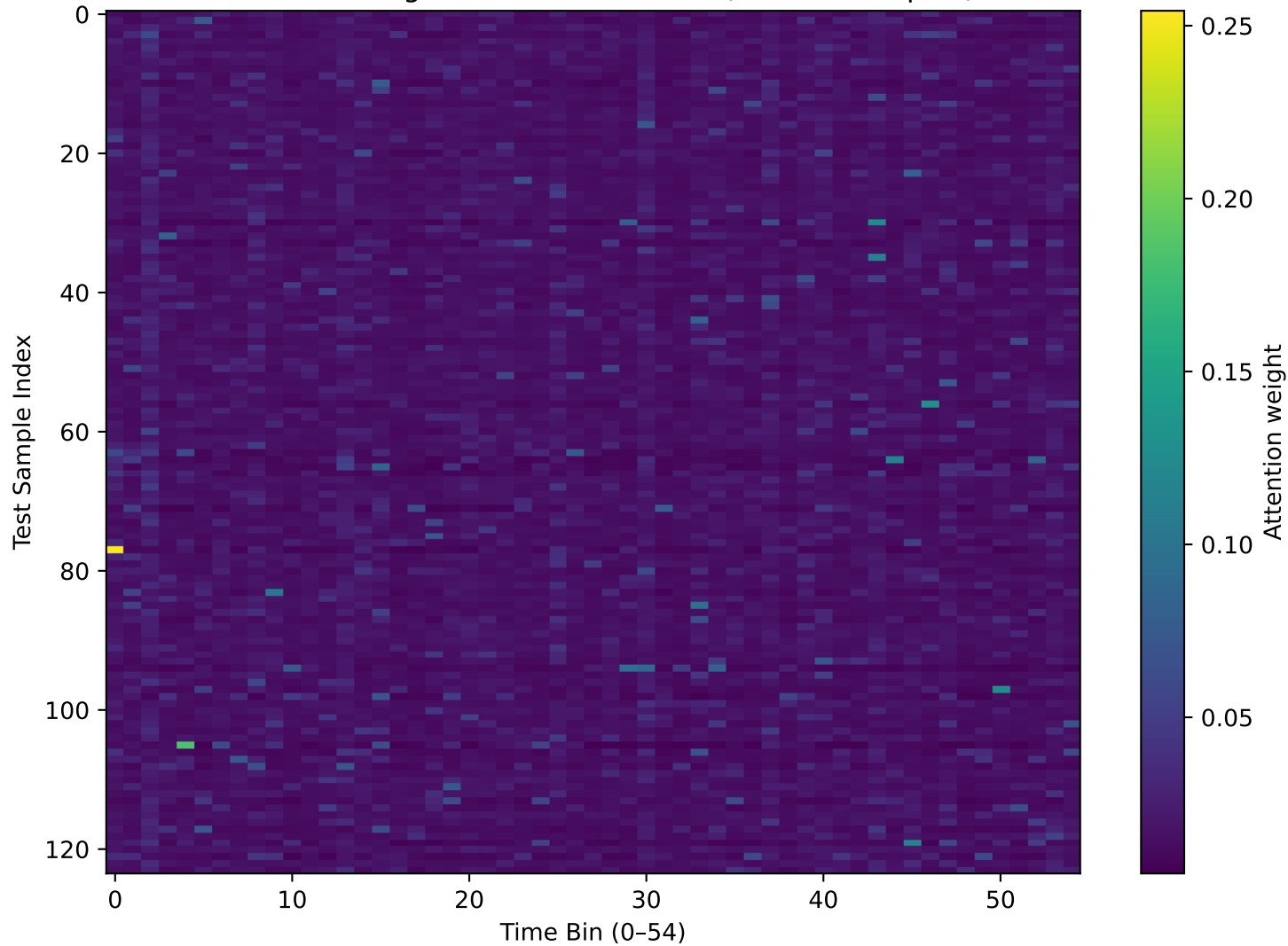


Val: Epoch 919  
MSE: 0.4611, R2: 0.6280

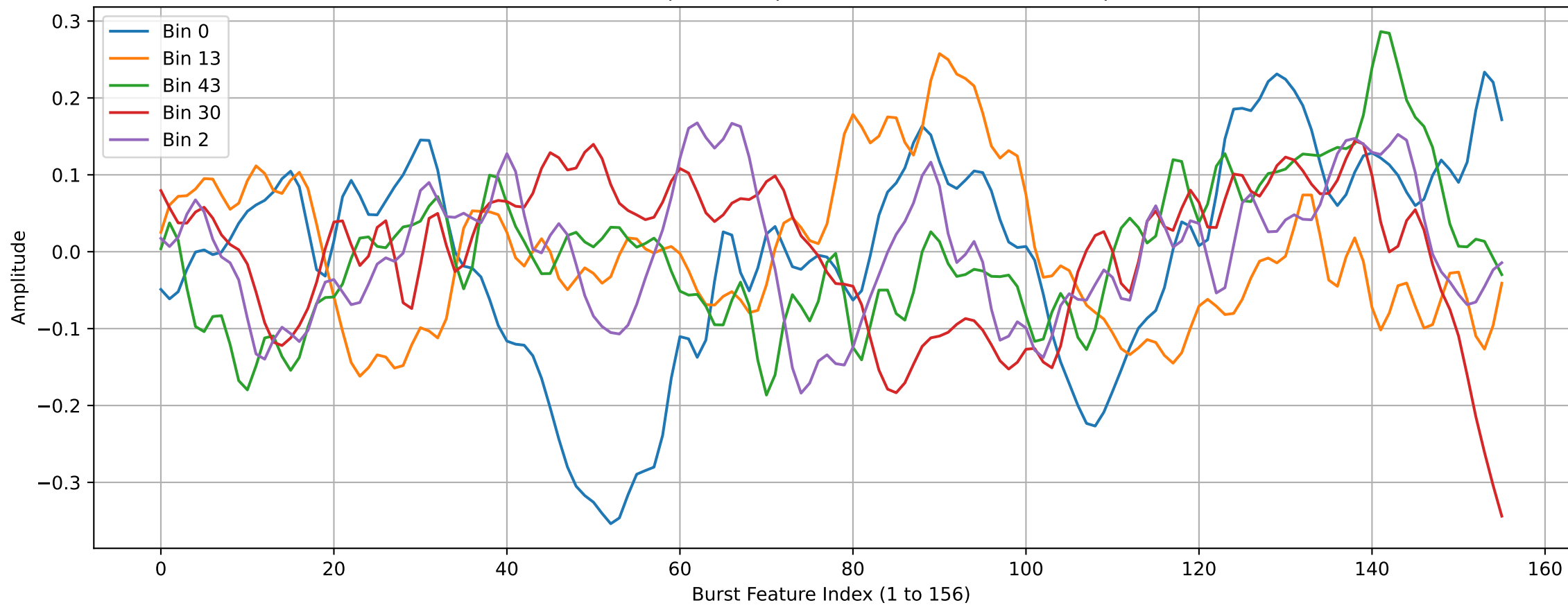




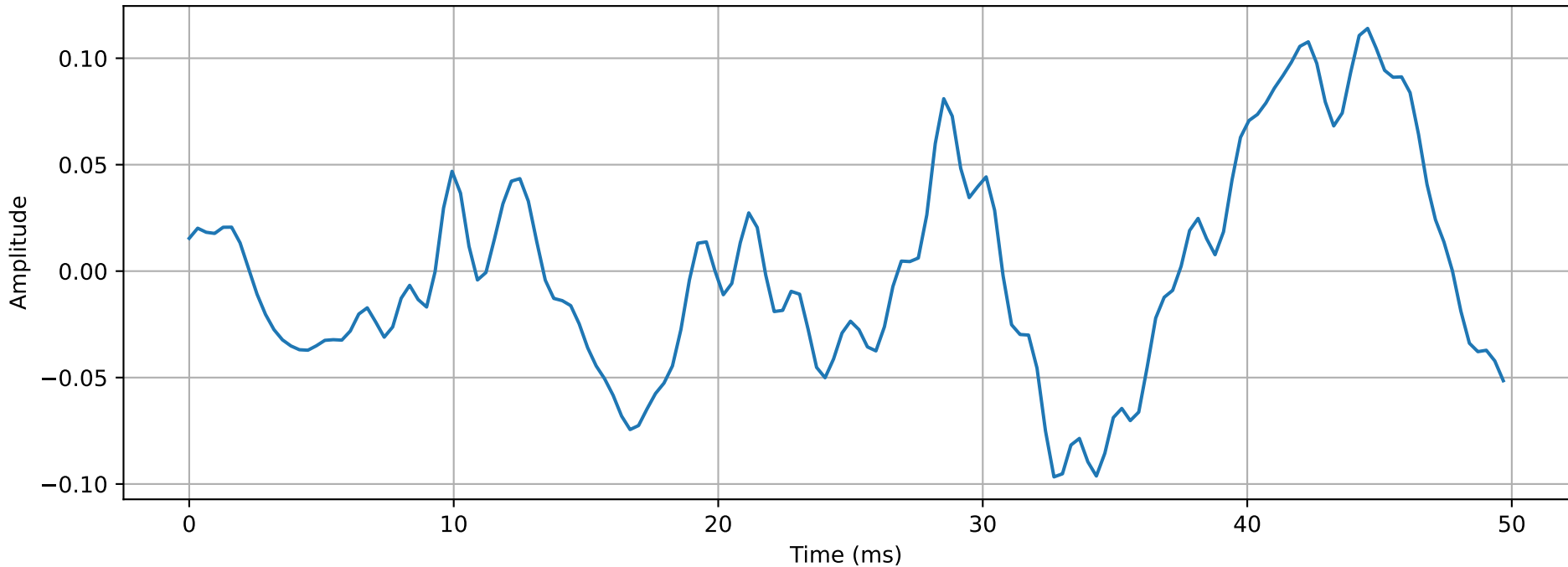
Attention Weights Across Time Bins (All Test Samples)



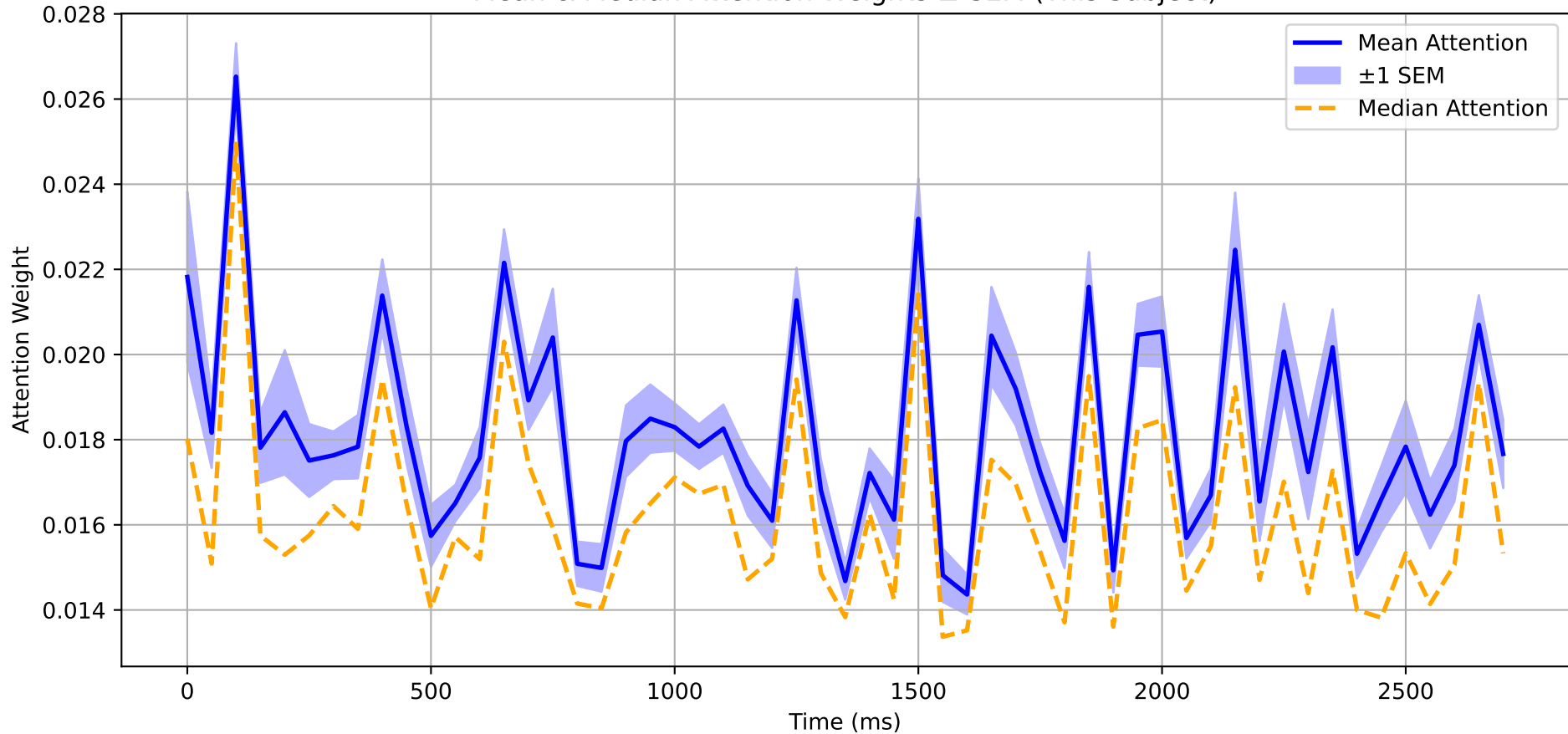
Waveform Shapes for Top Attention Bins (All Test Samples)



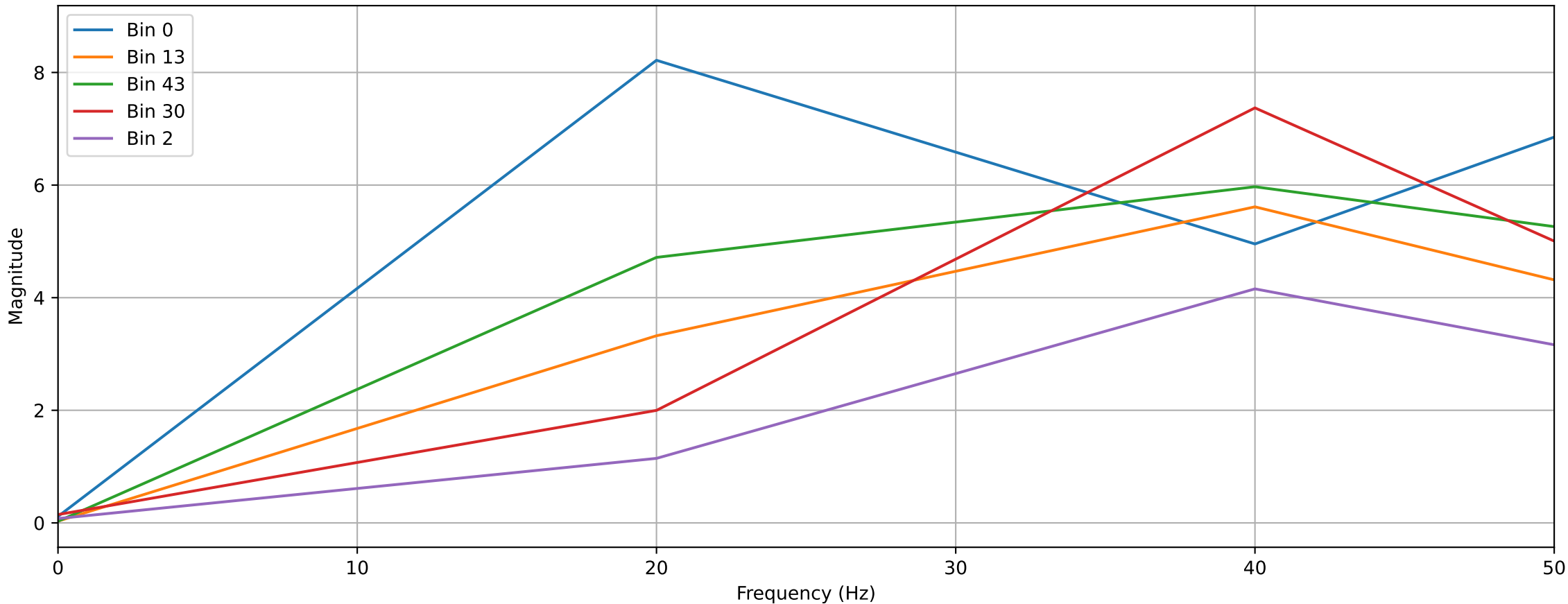
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

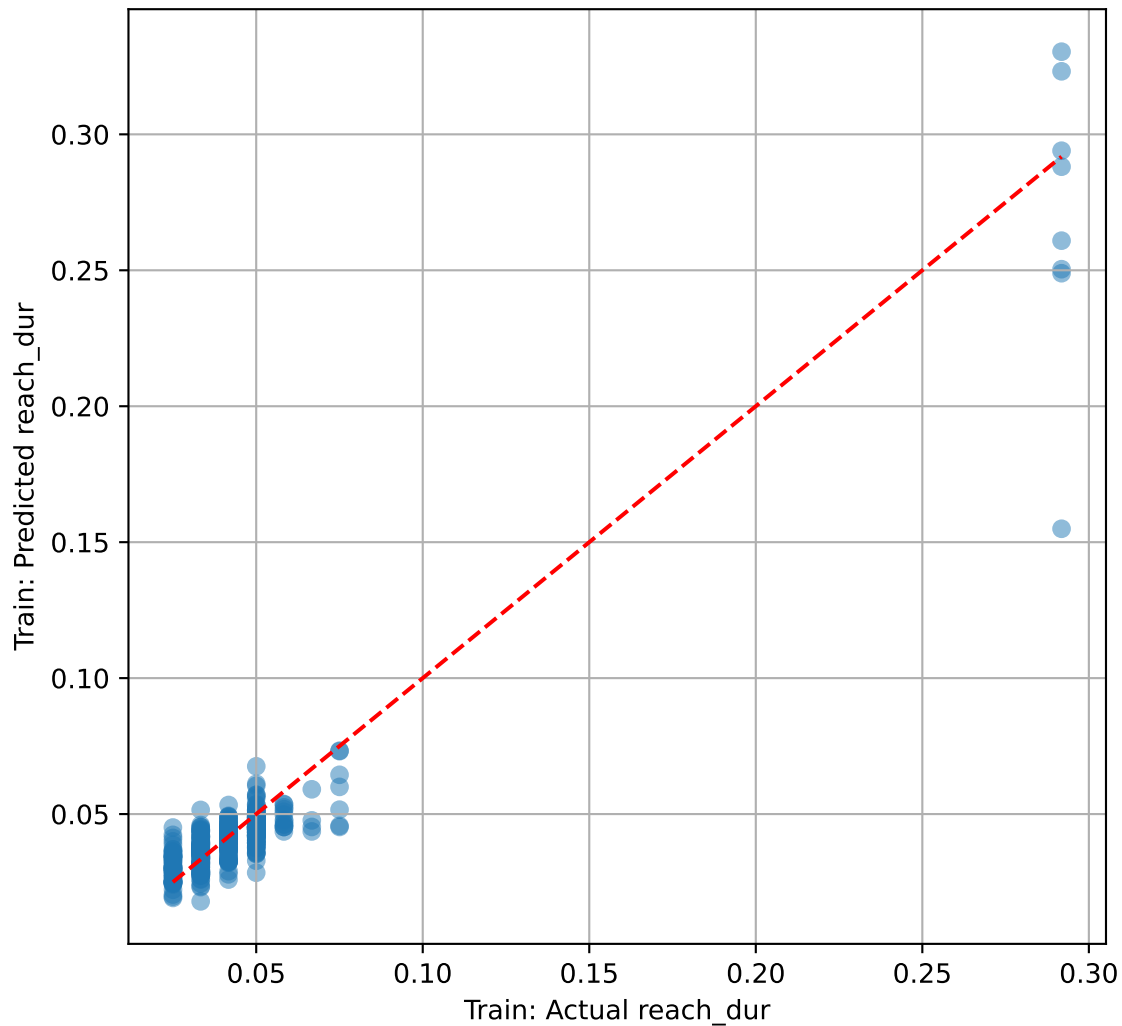


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

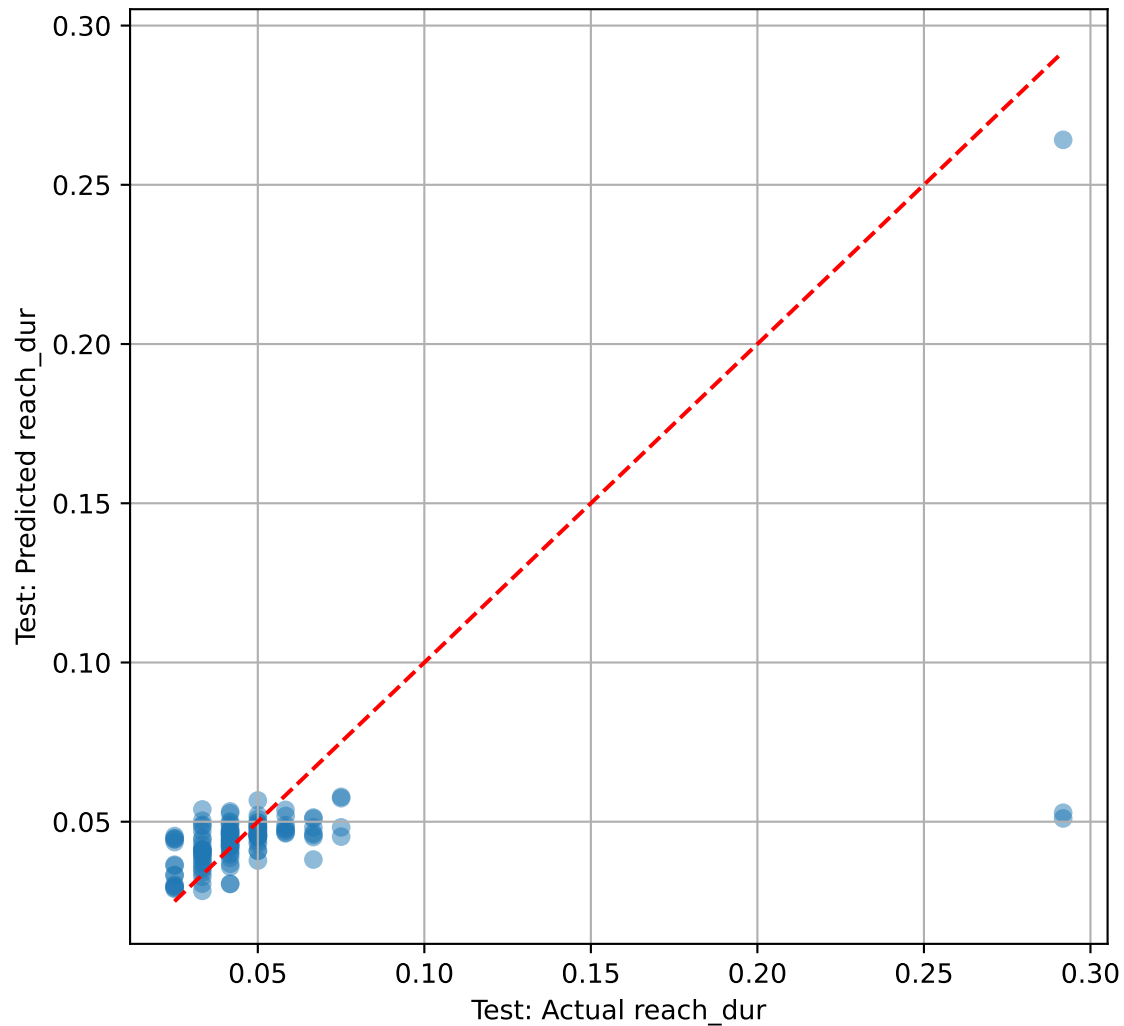


**sub-130**

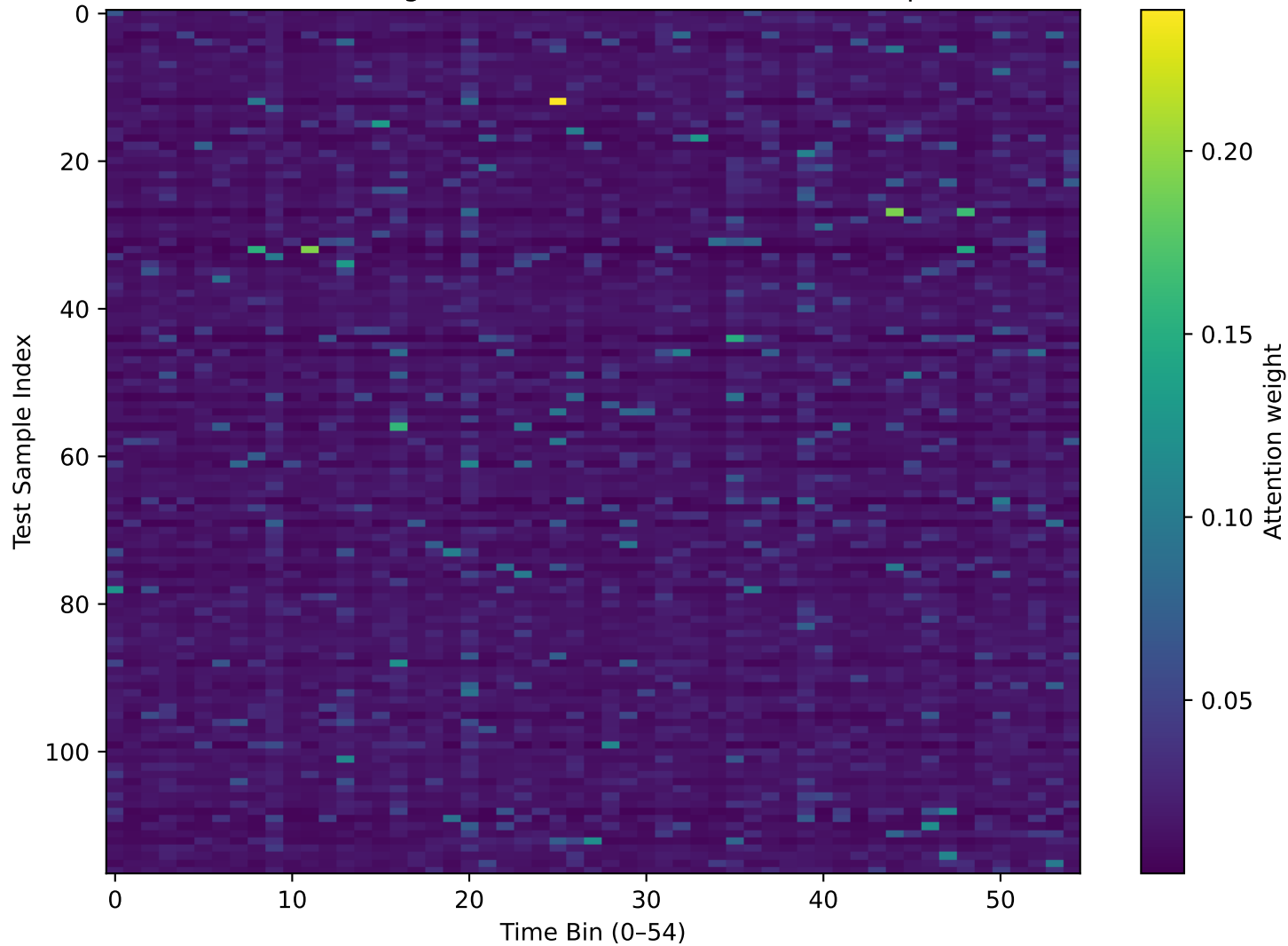
Train: Epoch 861  
MSE: 0.0828, R2: 0.9094



Val: Epoch 861  
MSE: 0.8578, R2: 0.3537

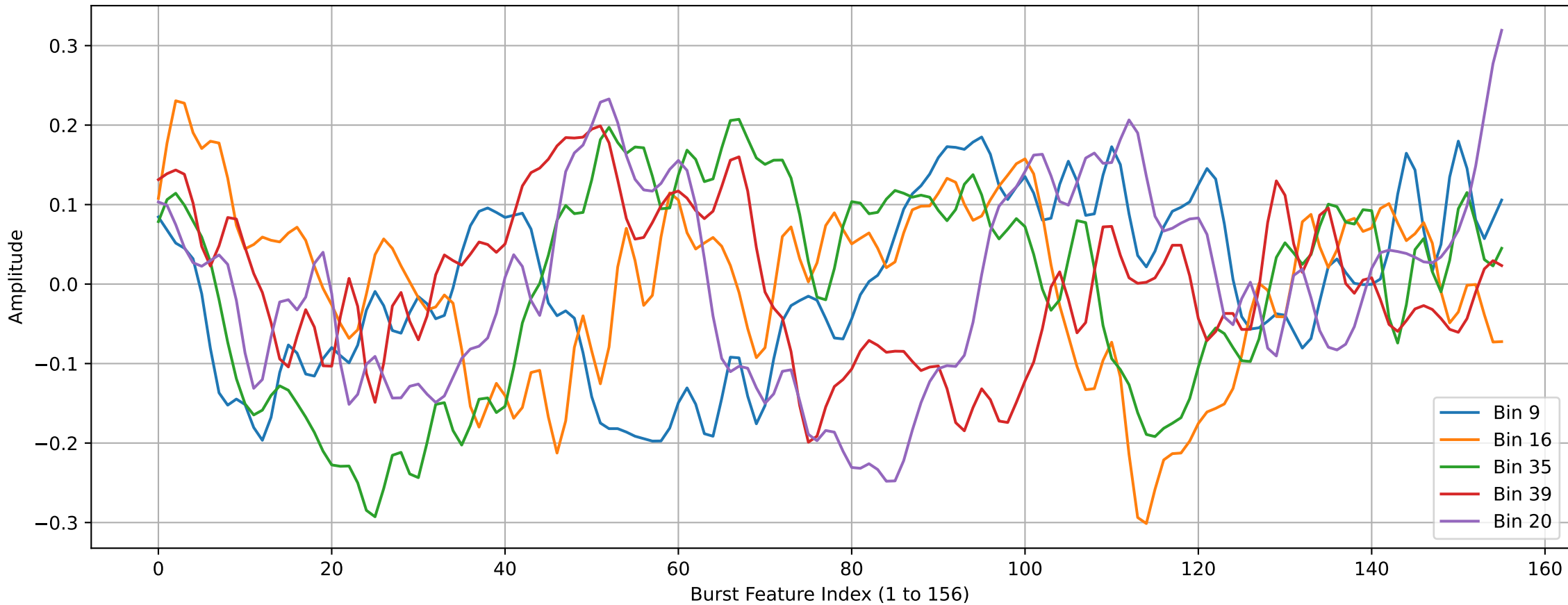


Attention Weights Across Time Bins (All Test Samples)

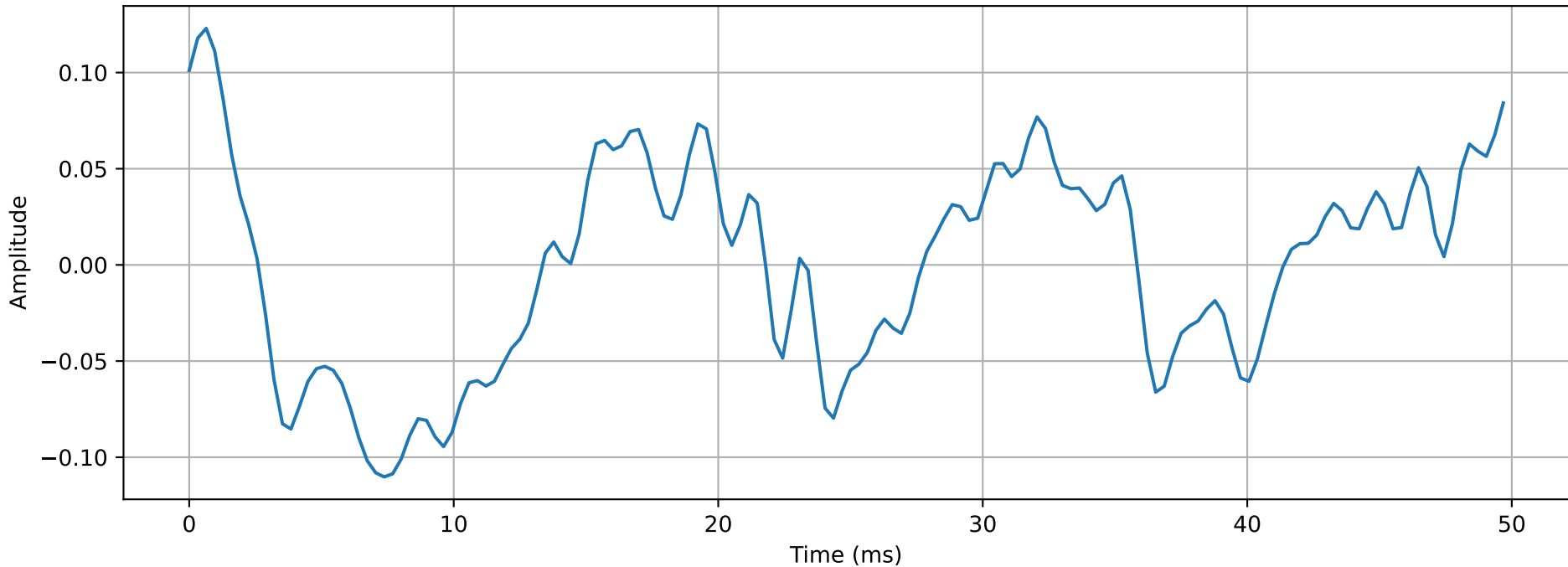




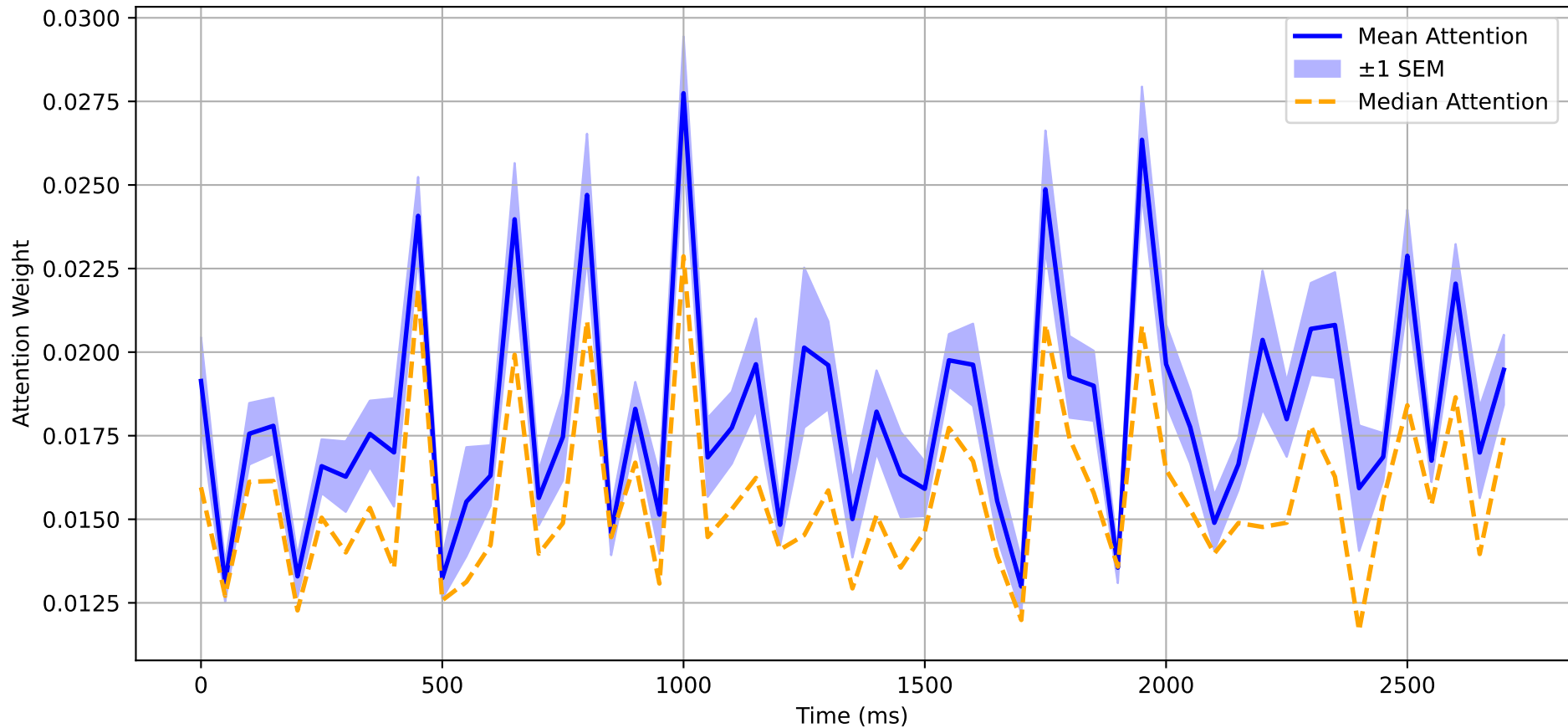
Waveform Shapes for Top Attention Bins (All Test Samples)



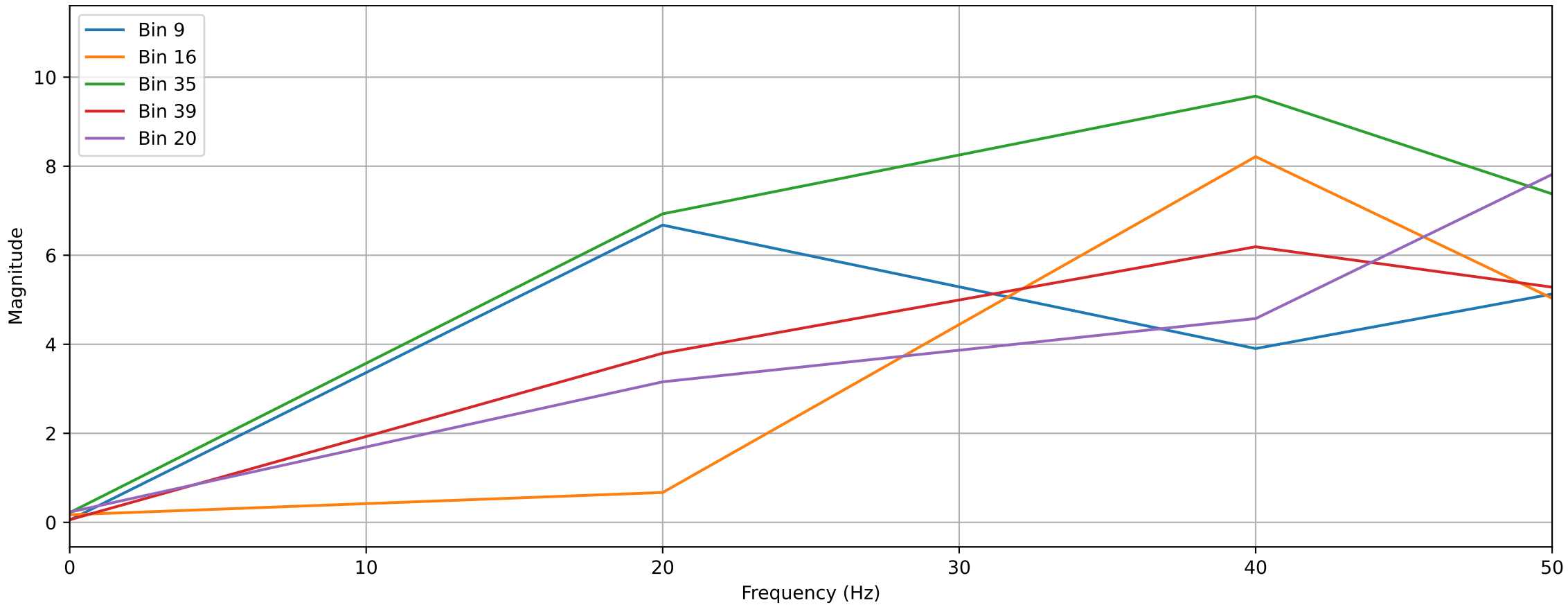
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

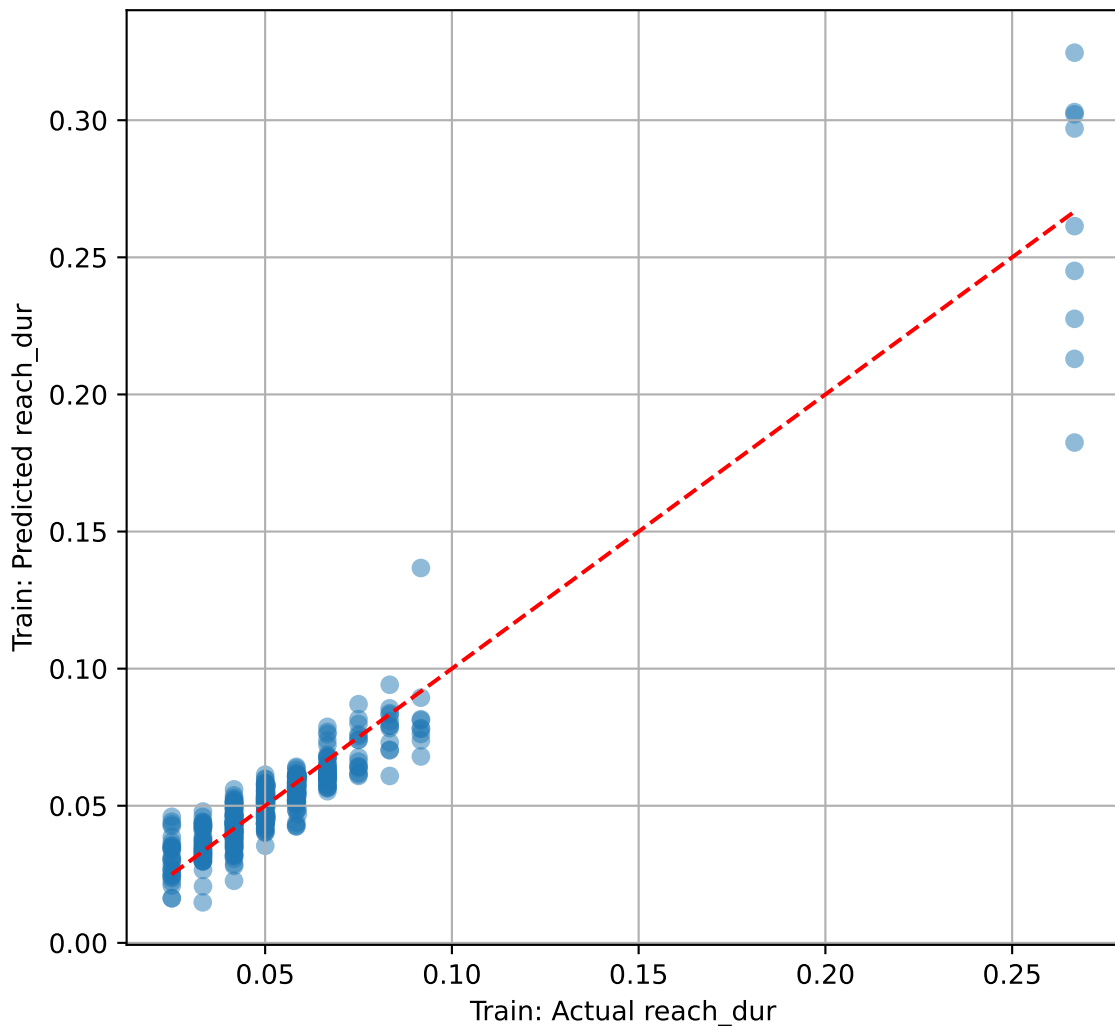


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

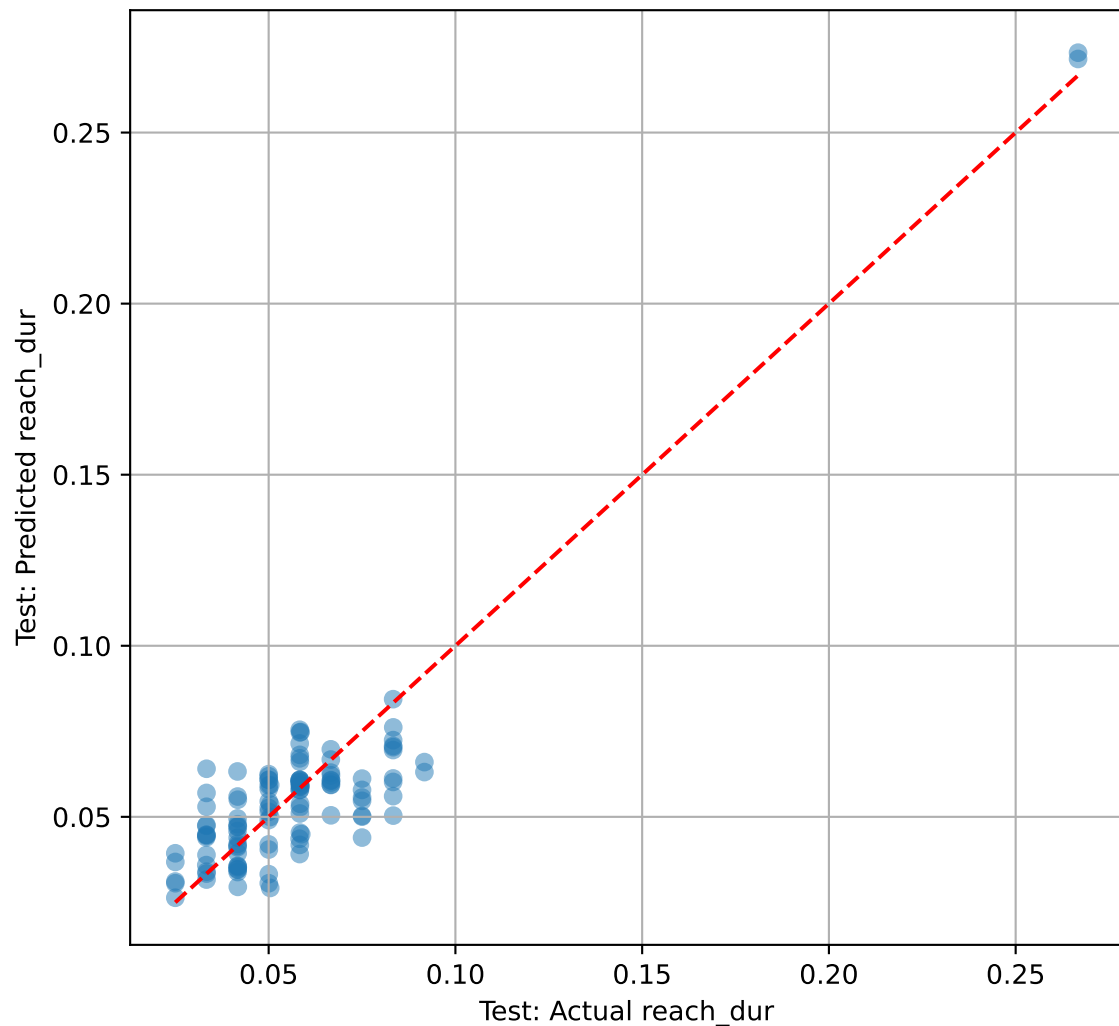


**sub-131**

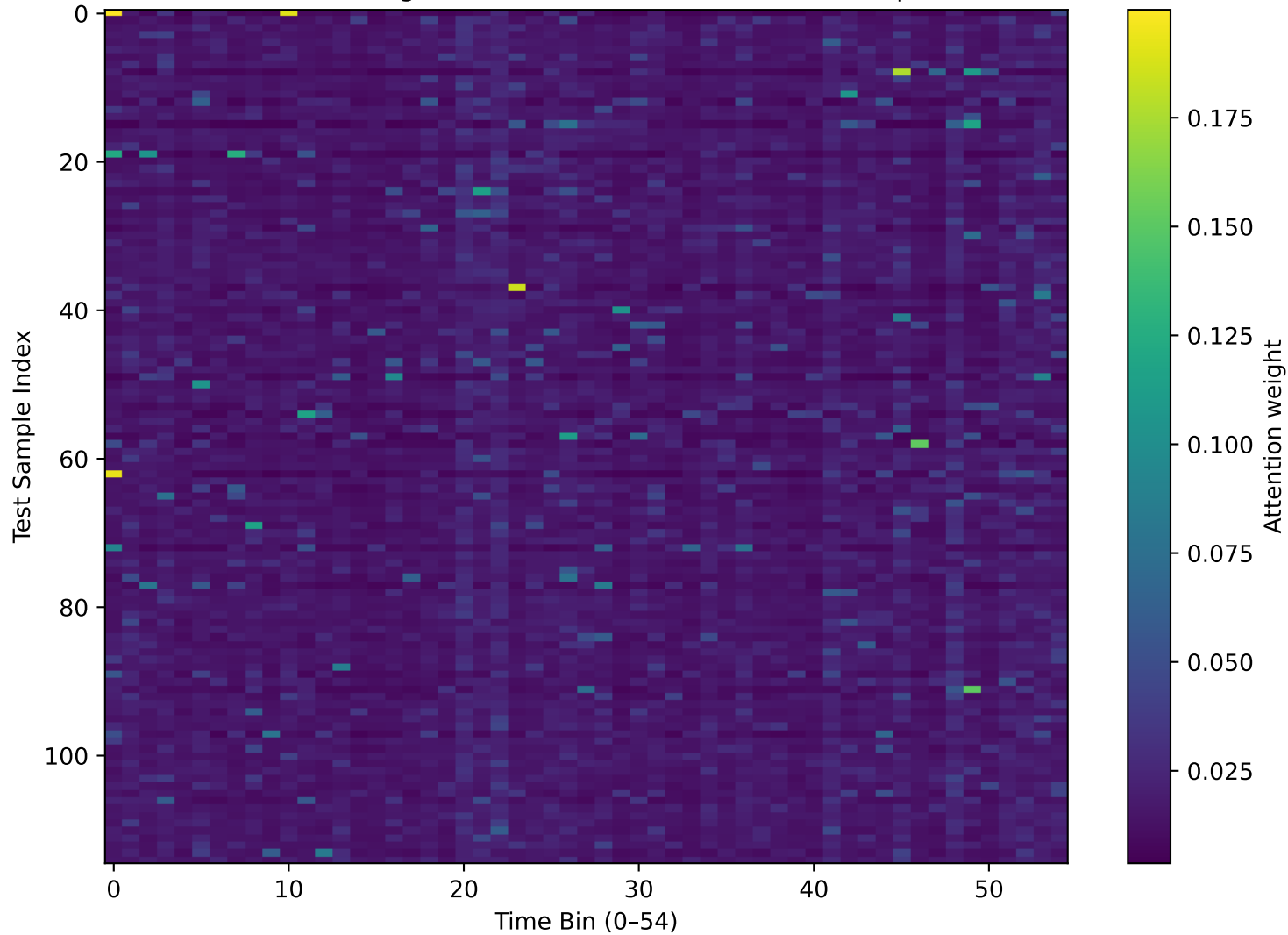
Train: Epoch 960  
MSE: 0.0813, R2: 0.9196



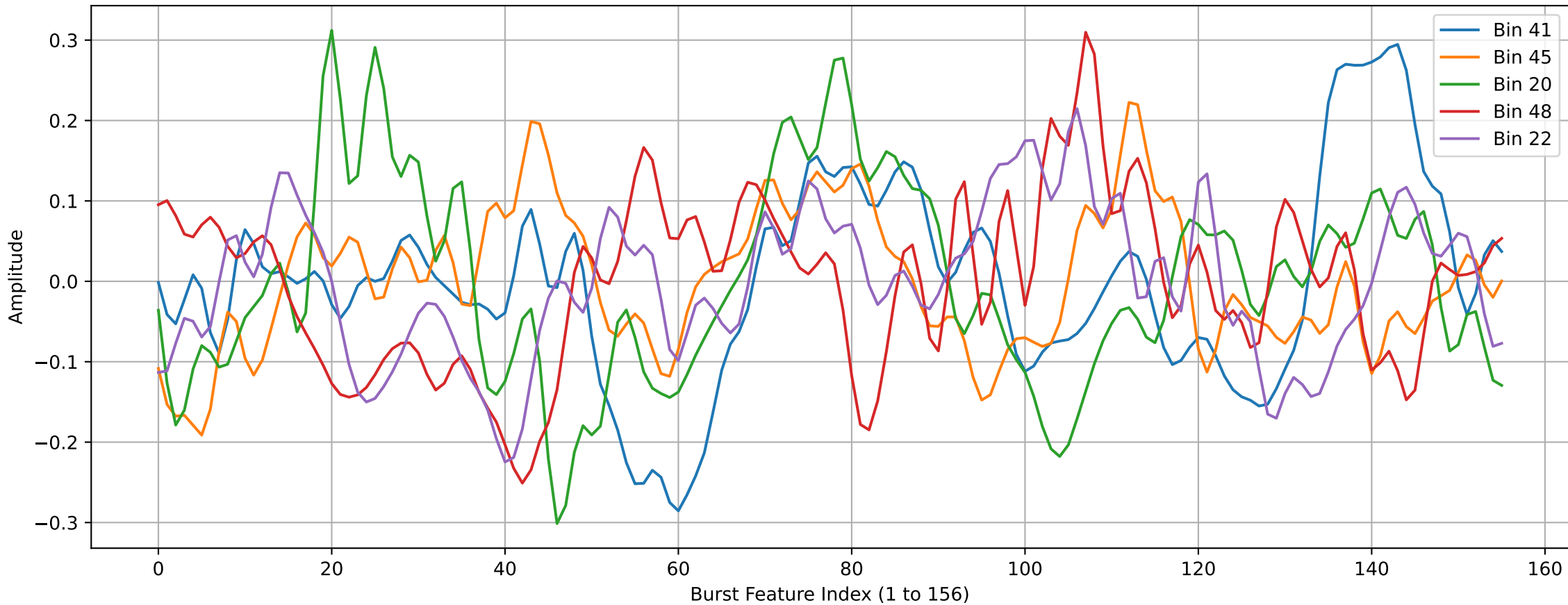
Val: Epoch 960  
MSE: 0.1479, R2: 0.8450



Attention Weights Across Time Bins (All Test Samples)

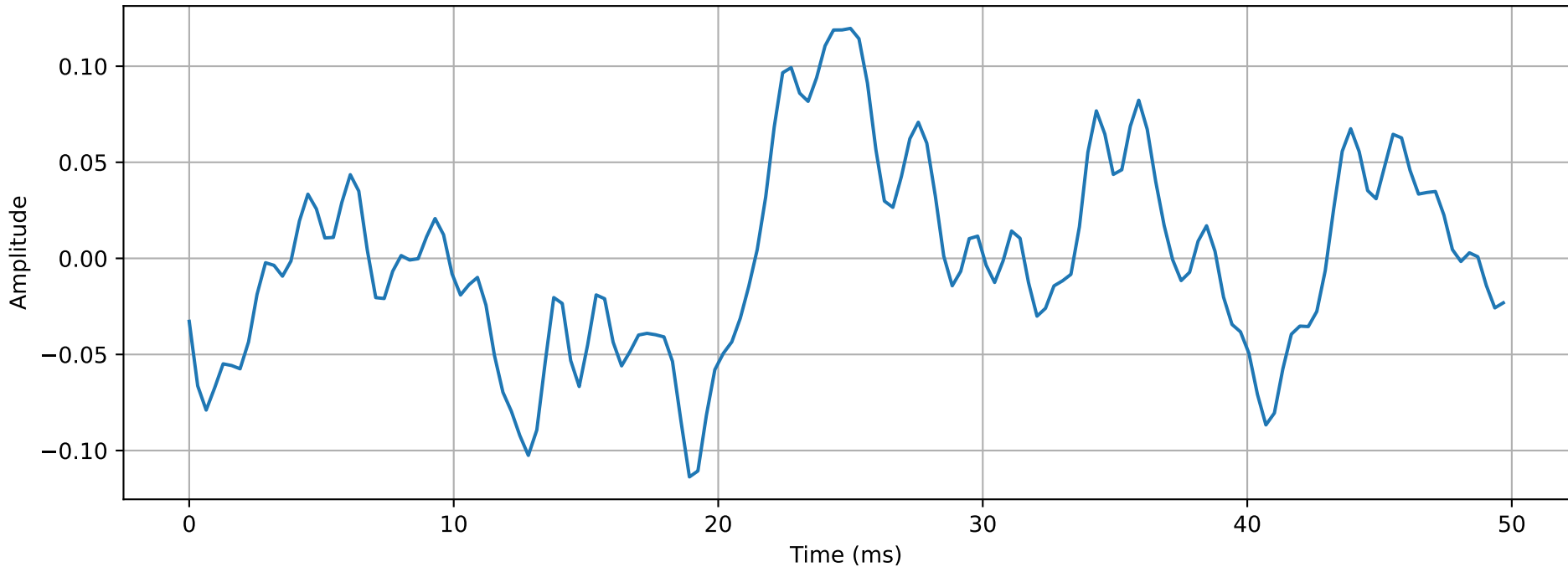


Waveform Shapes for Top Attention Bins (All Test Samples)

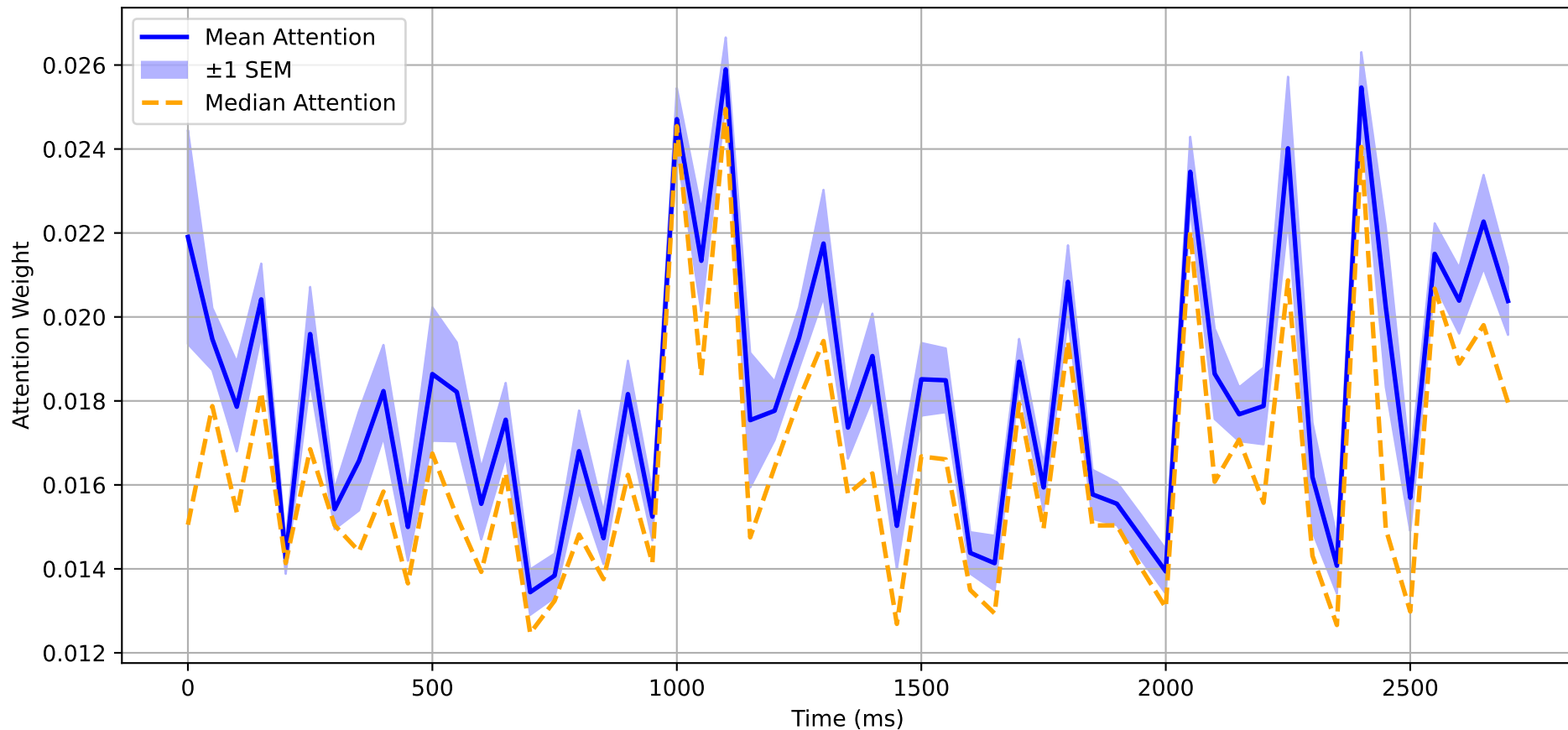




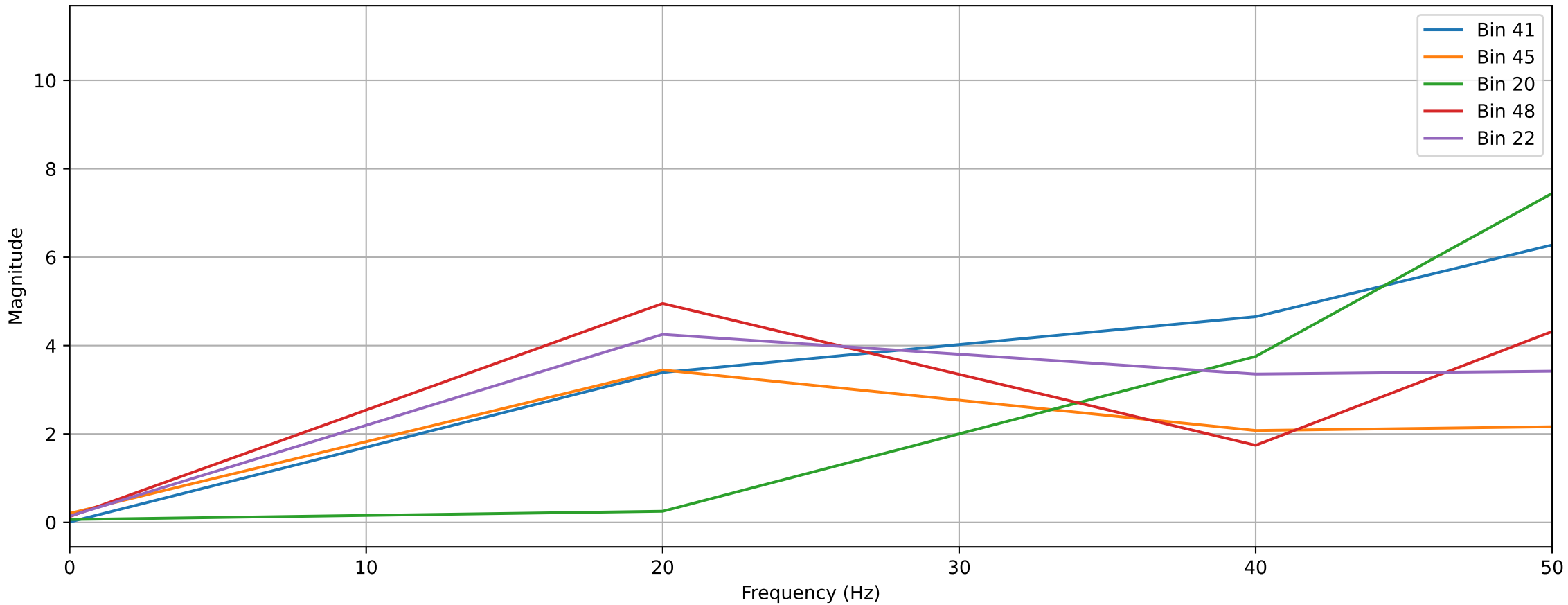
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

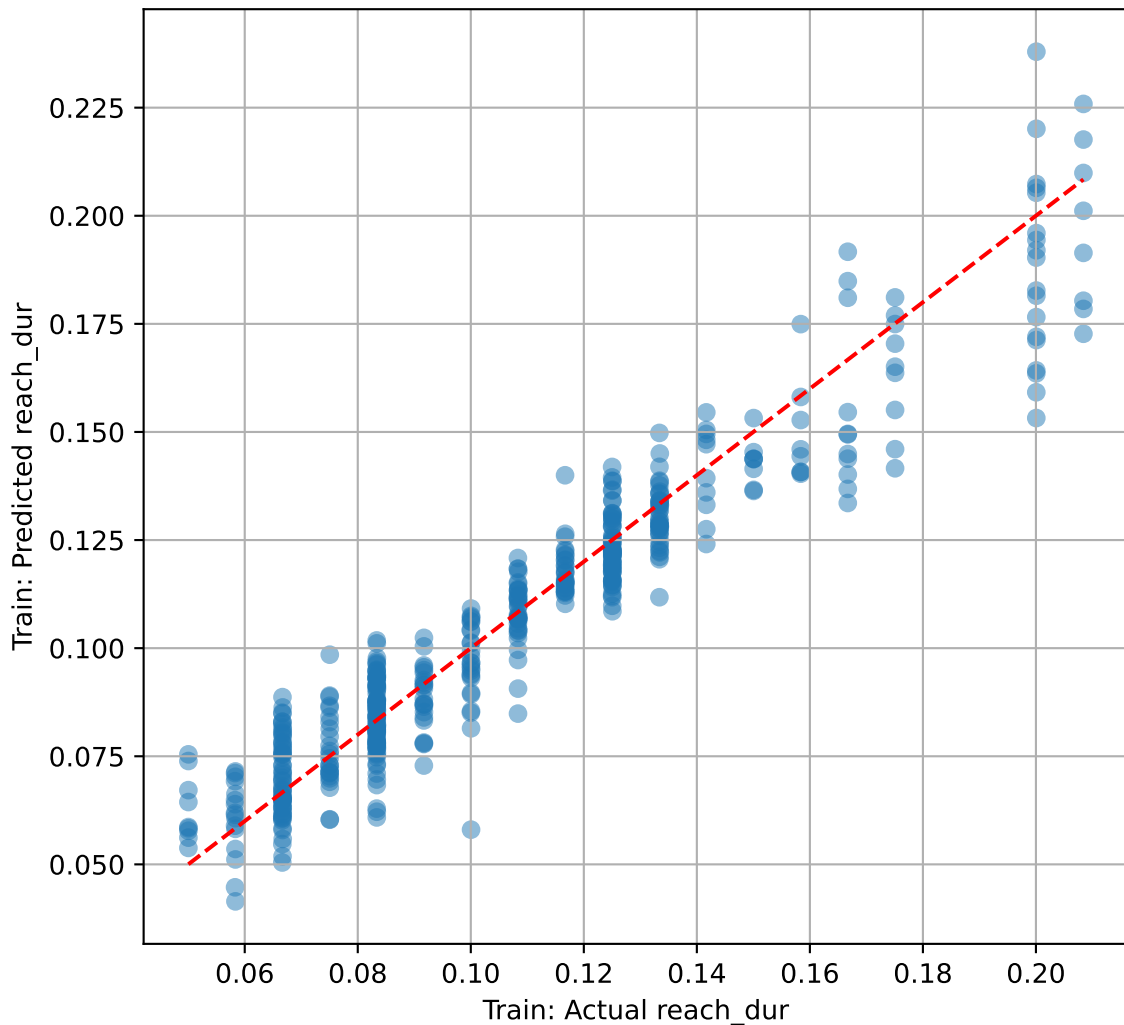


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

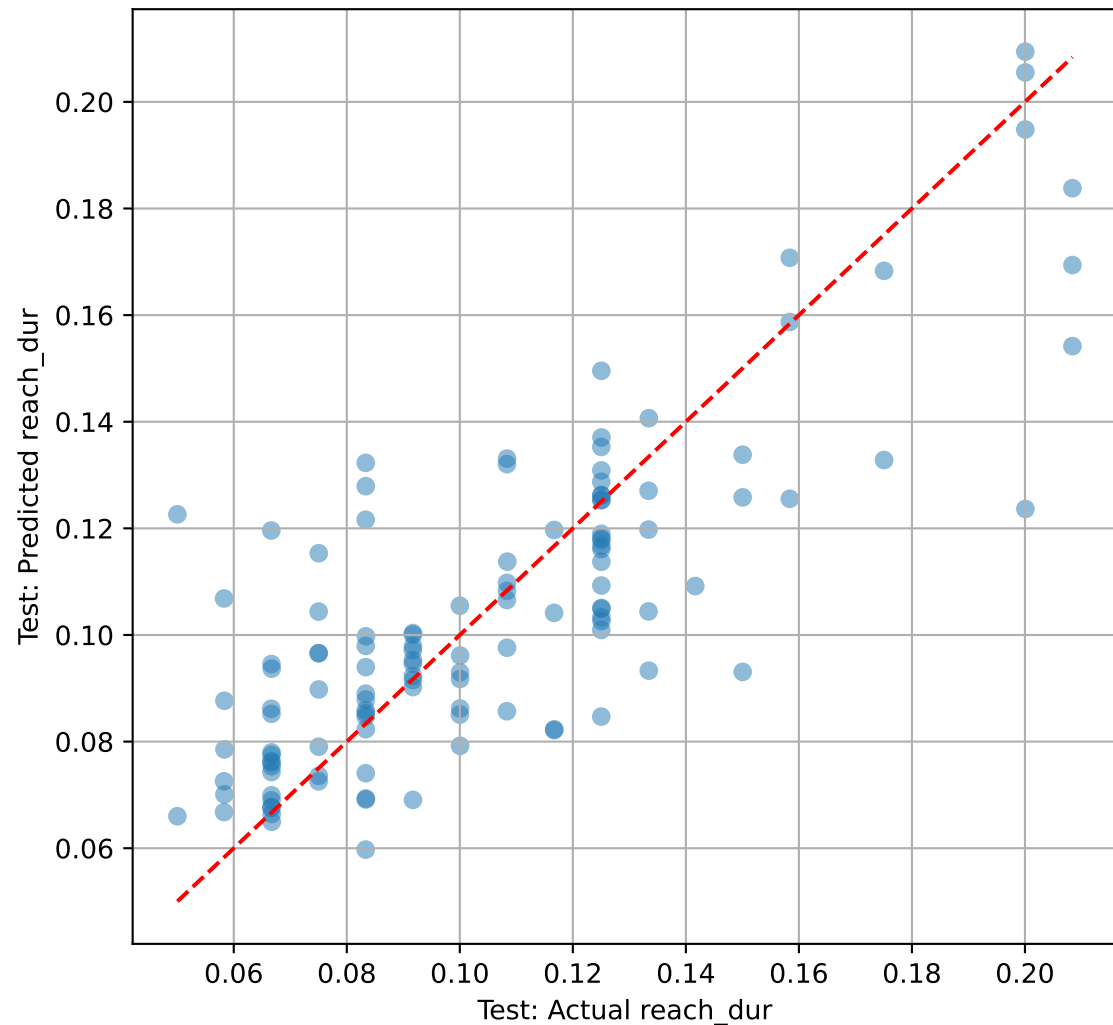


**sub-133**

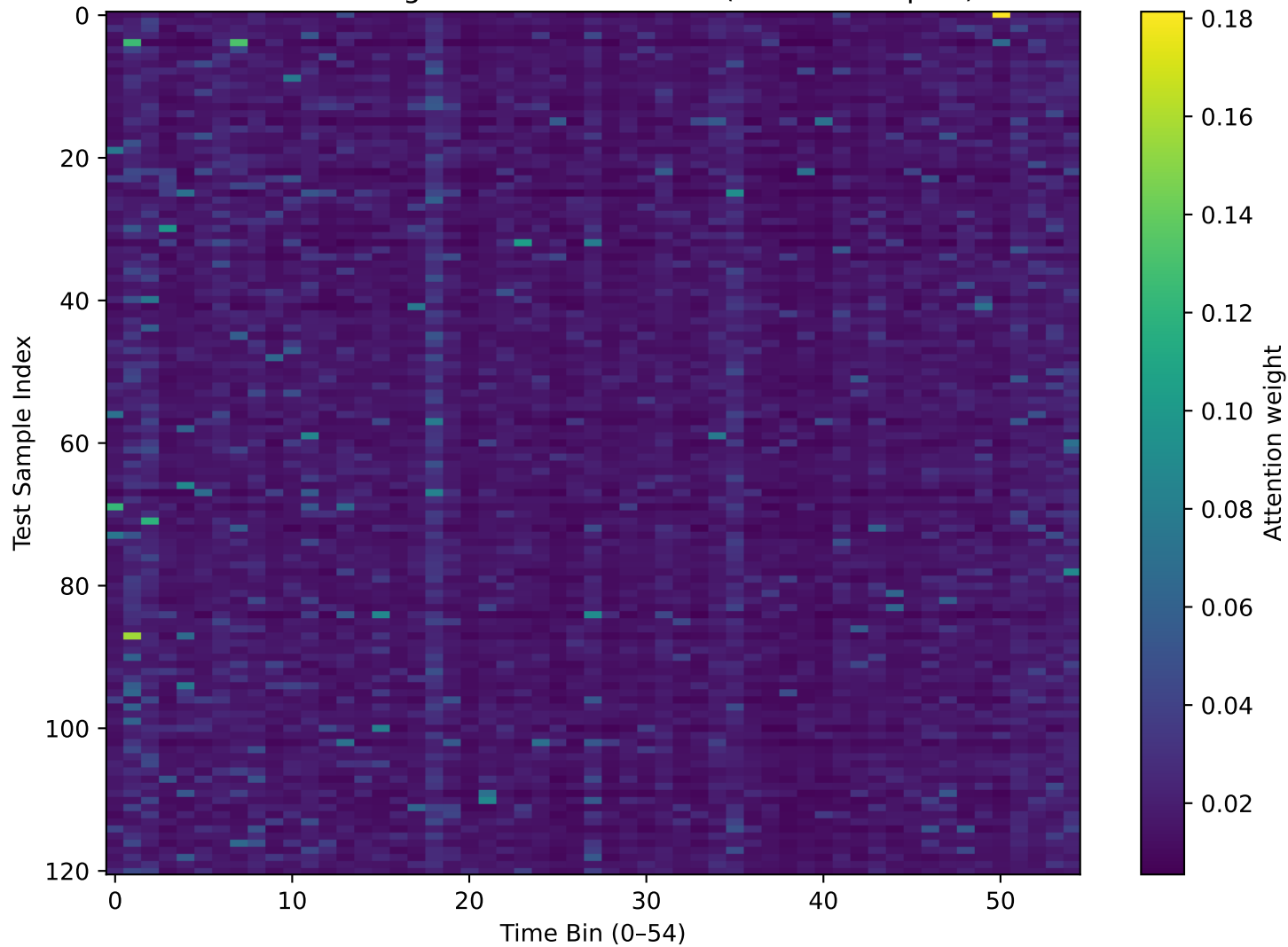
Train: Epoch 895  
MSE: 0.0868, R2: 0.9128



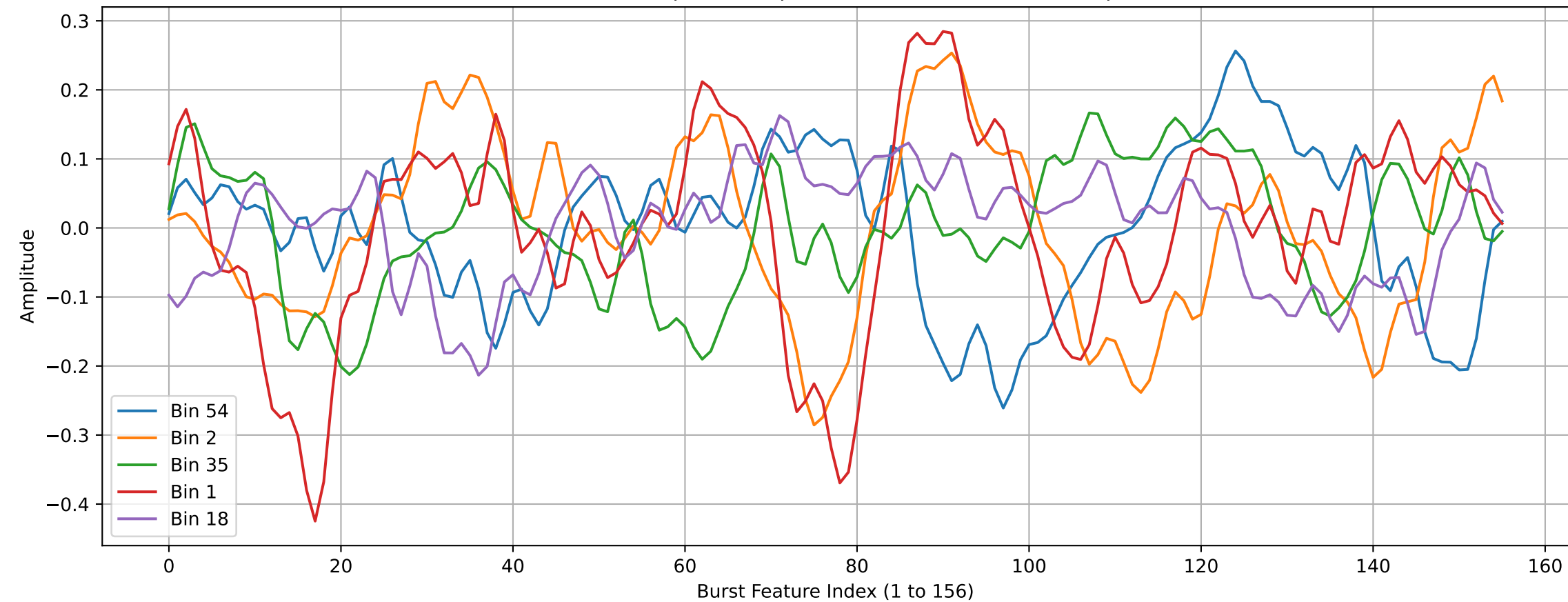
Val: Epoch 895  
MSE: 0.3617, R2: 0.6429



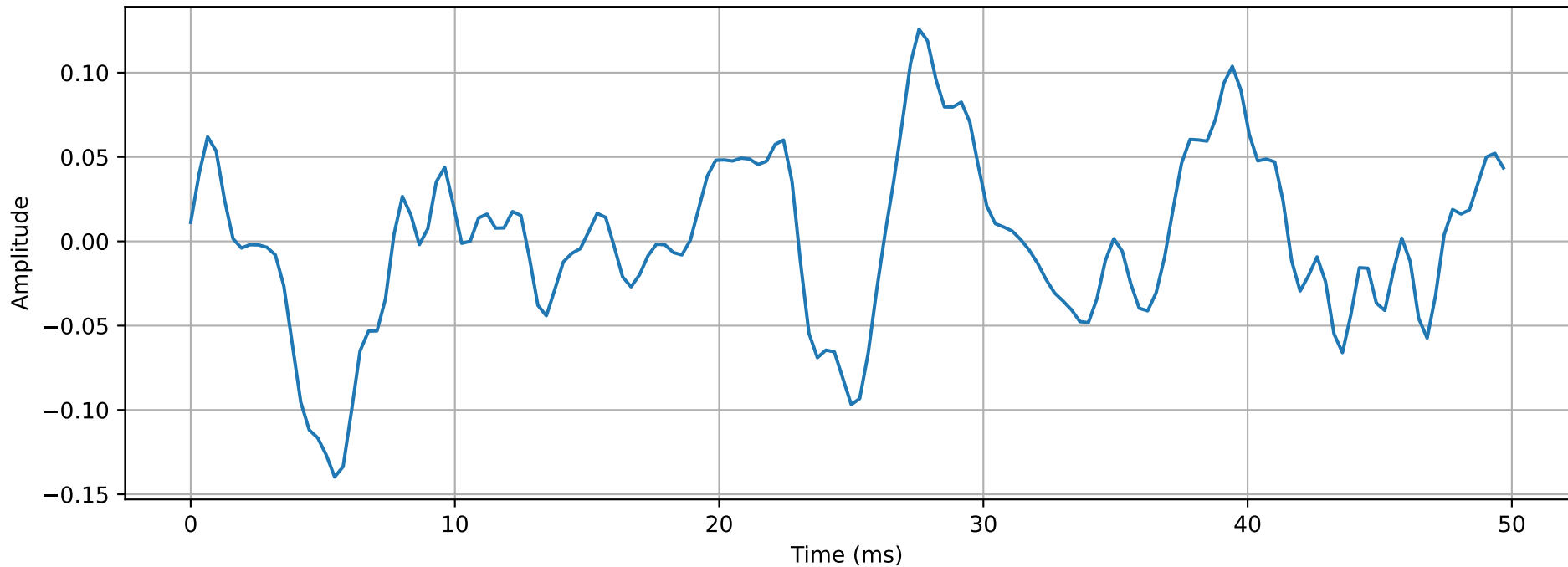
Attention Weights Across Time Bins (All Test Samples)



Waveform Shapes for Top Attention Bins (All Test Samples)

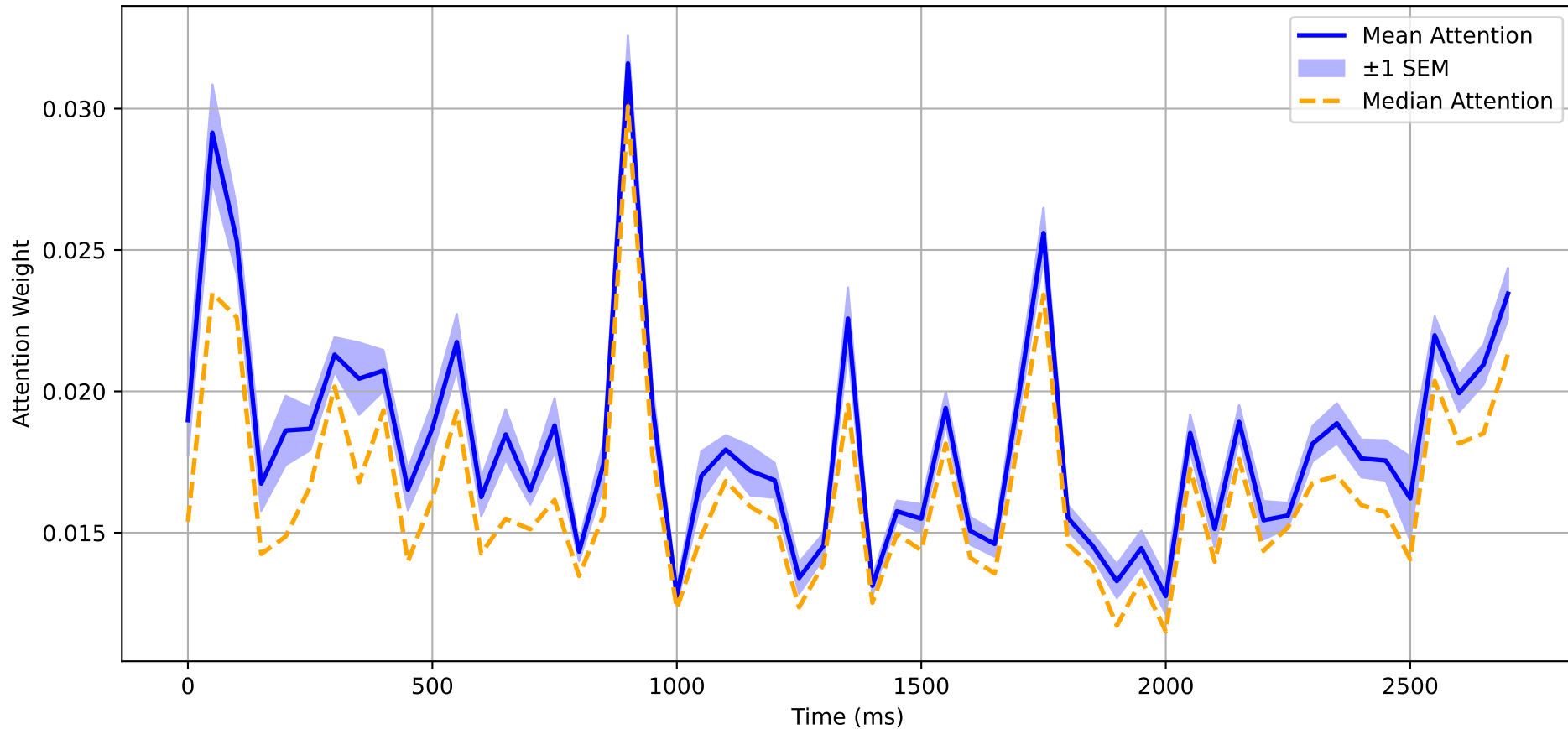


Average Burst Waveform from Top Attention Bins (All Test Samples)

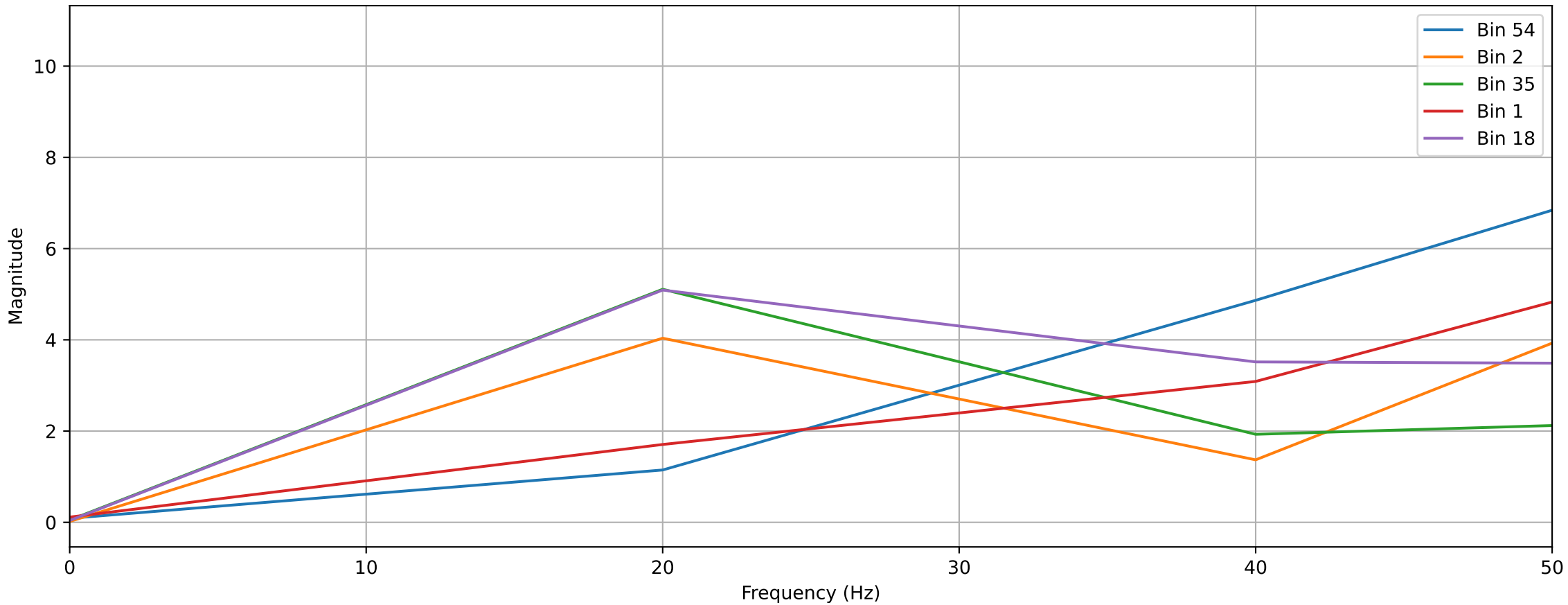




Mean & Median Attention Weights  $\pm$  SEM (This Subject)

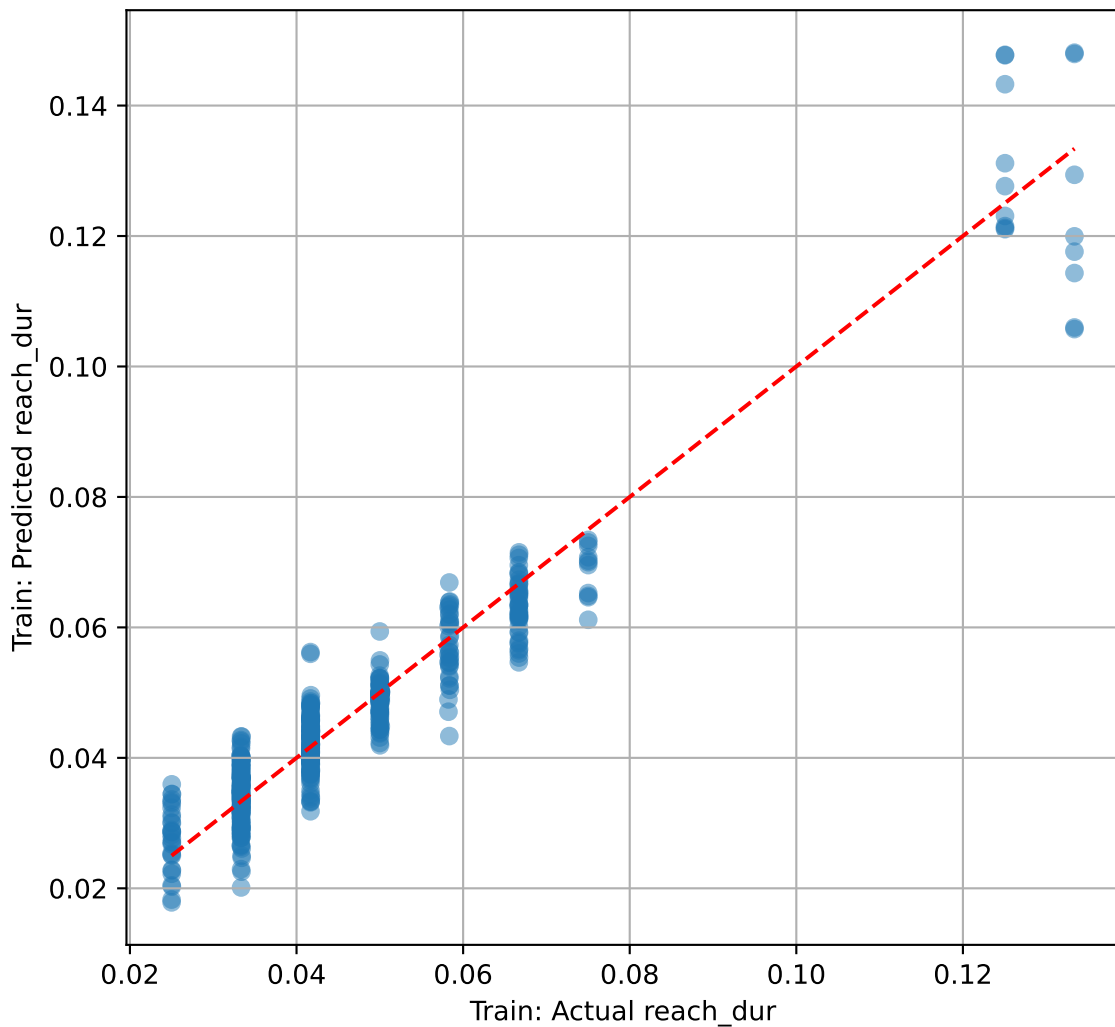


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

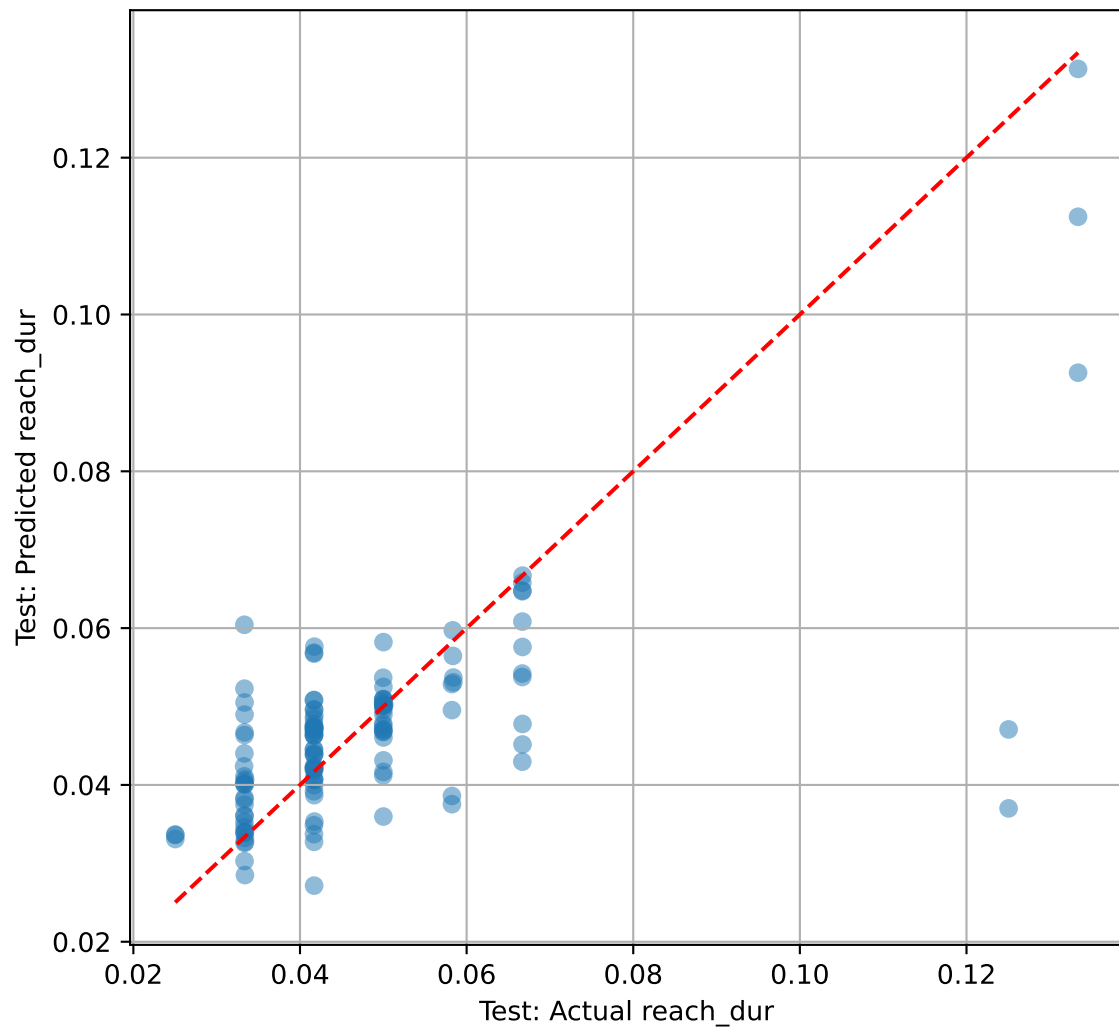


**sub-134**

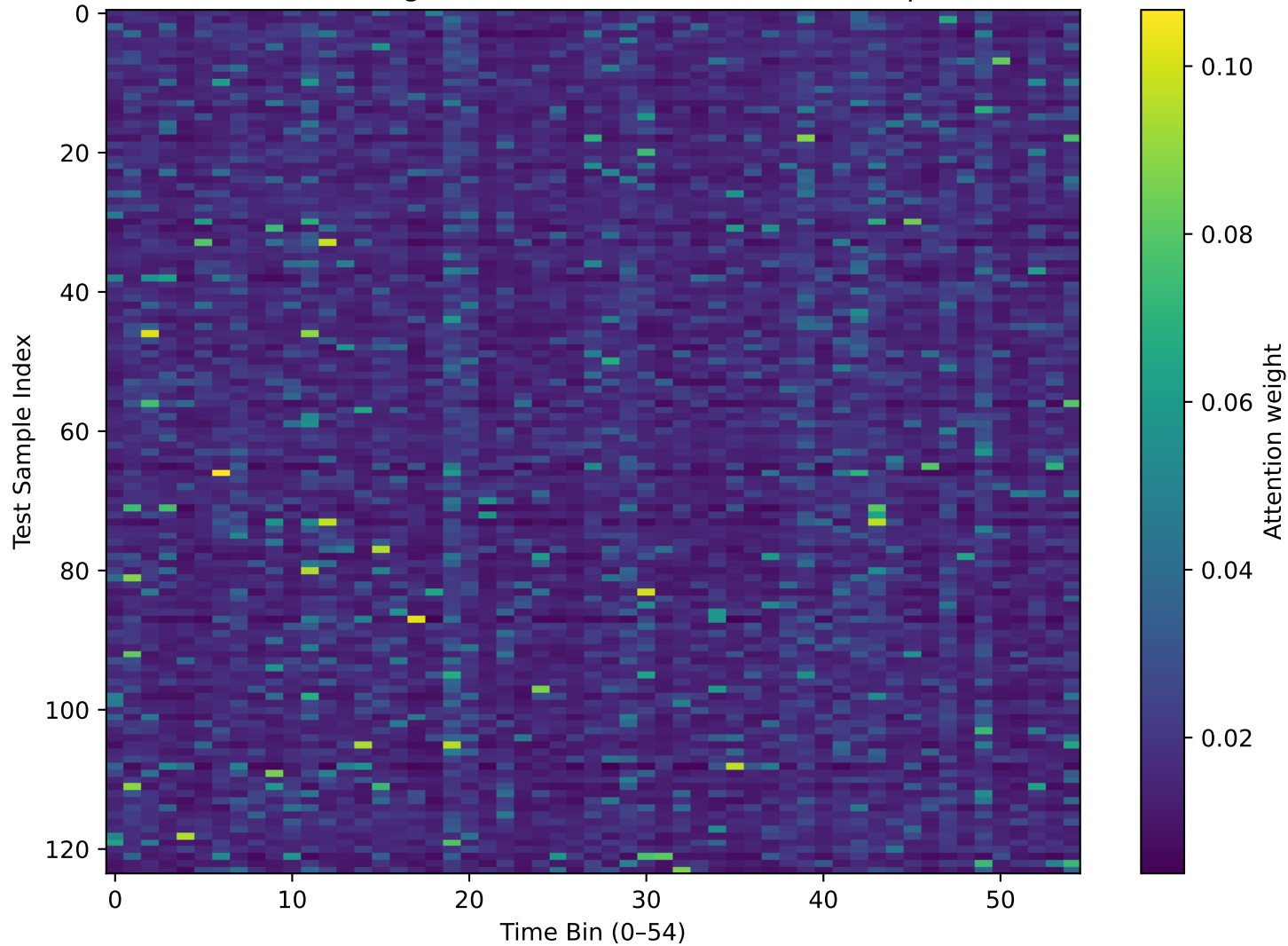
Train: Epoch 996  
MSE: 0.0749, R2: 0.9250



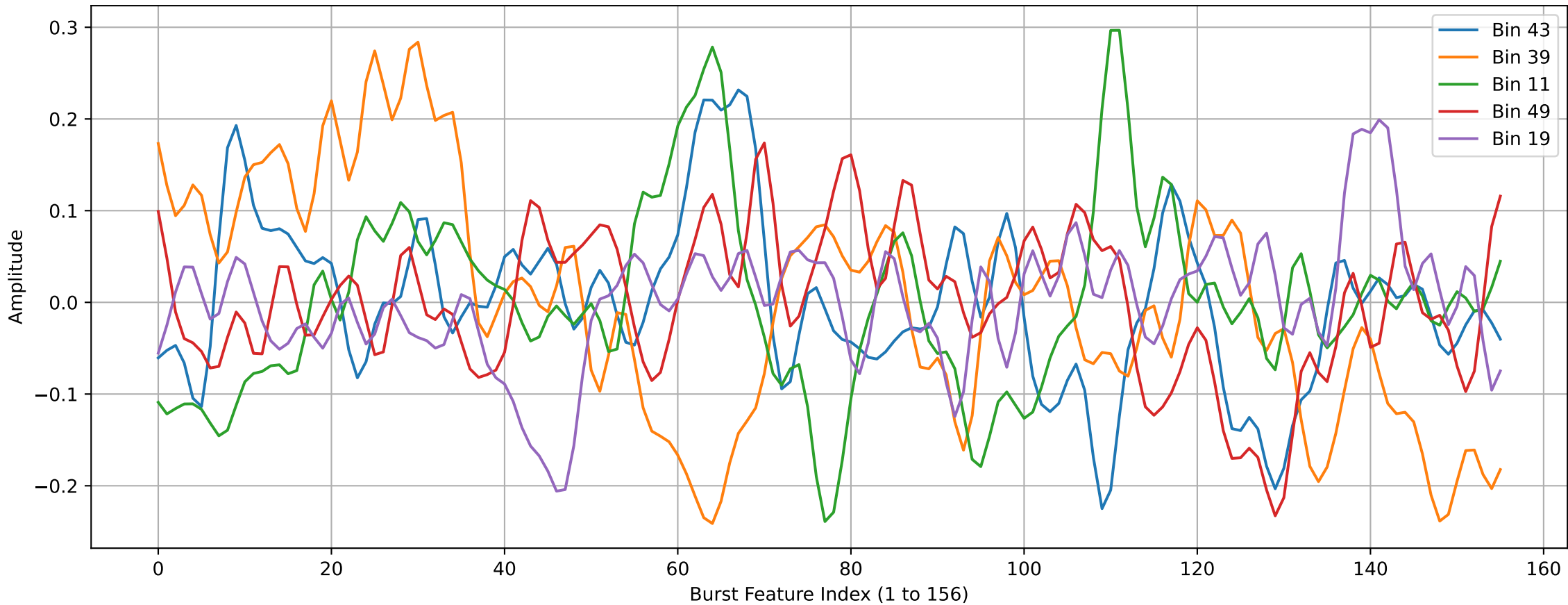
Val: Epoch 996  
MSE: 0.5032, R2: 0.4998



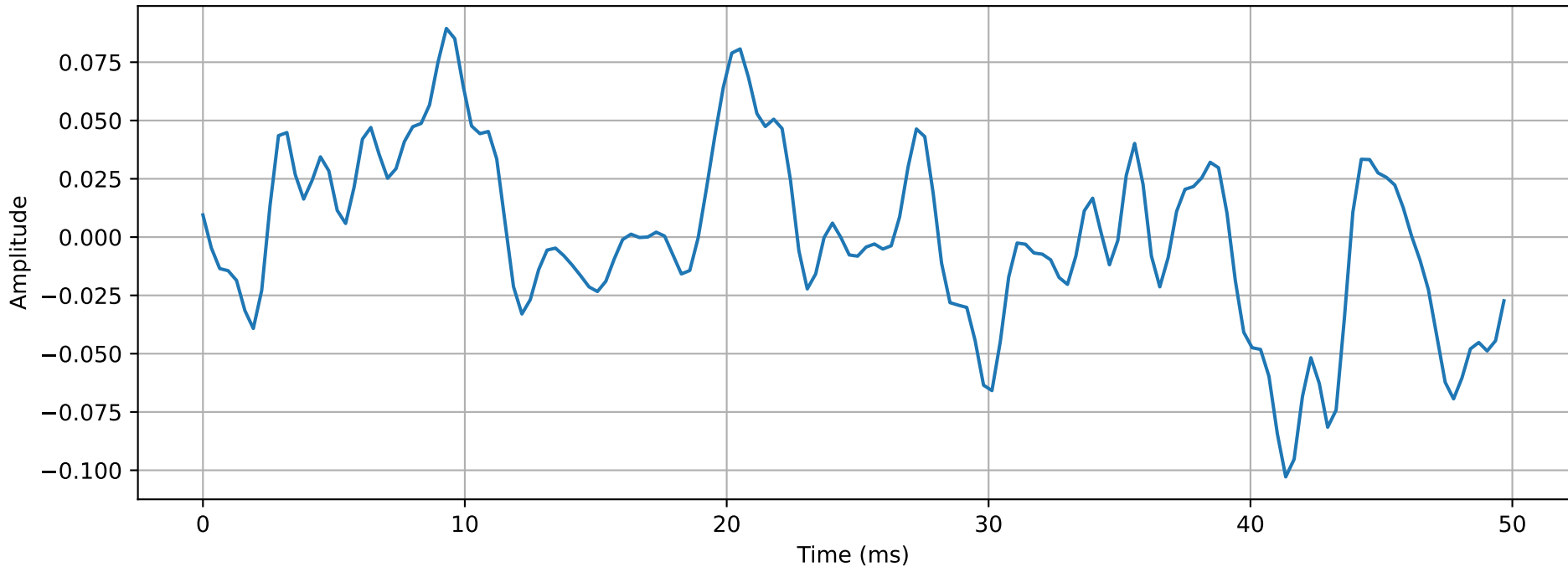
Attention Weights Across Time Bins (All Test Samples)



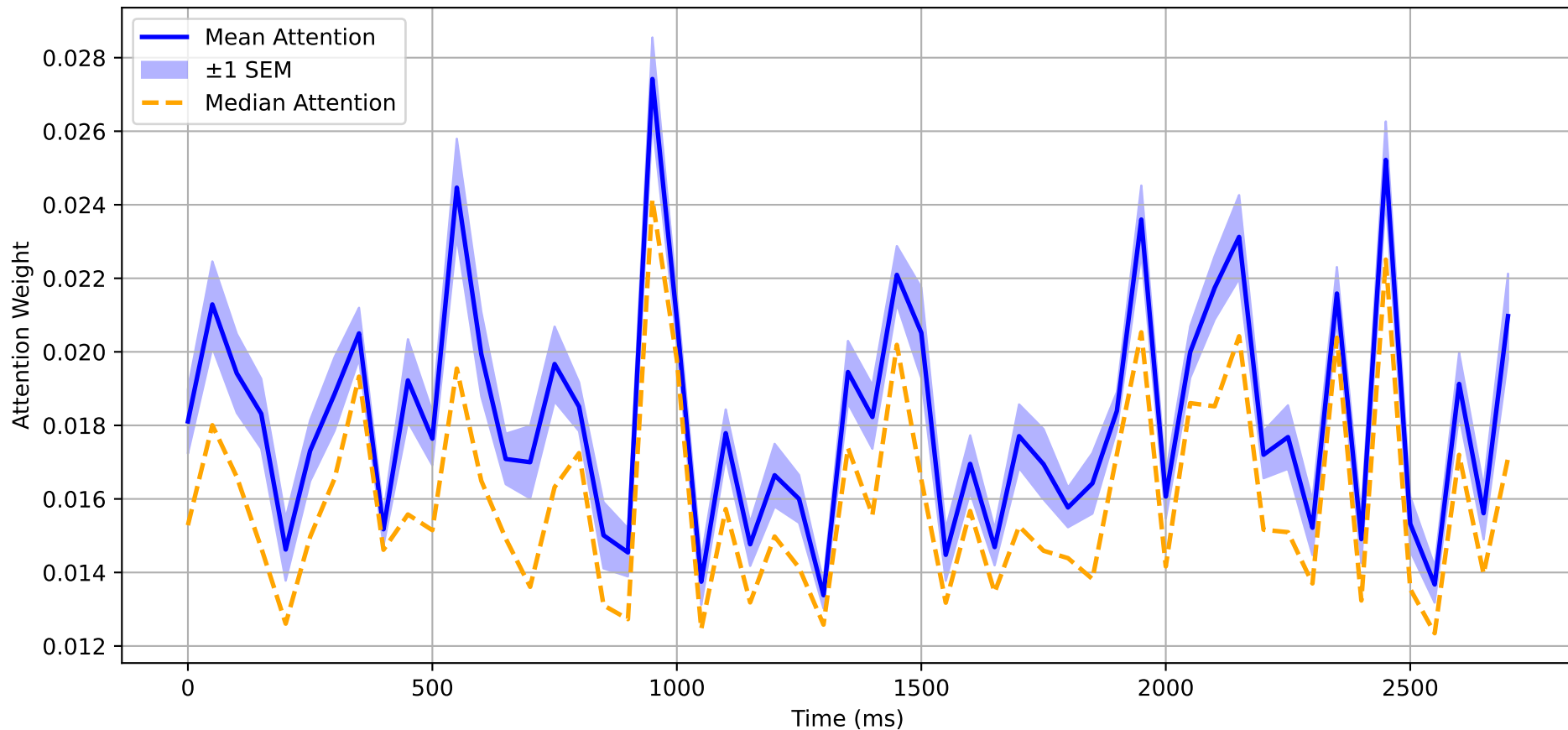
Waveform Shapes for Top Attention Bins (All Test Samples)



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

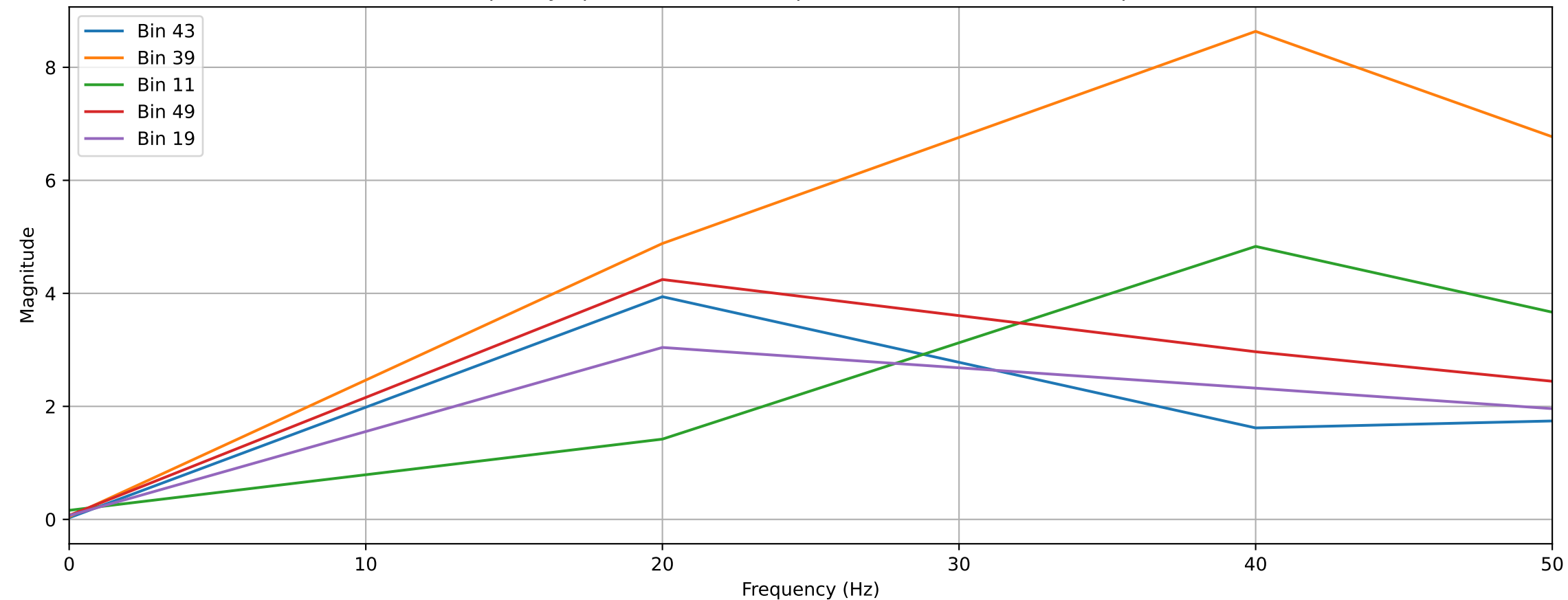


Mean & Median Attention Weights  $\pm$  SEM (This Subject)



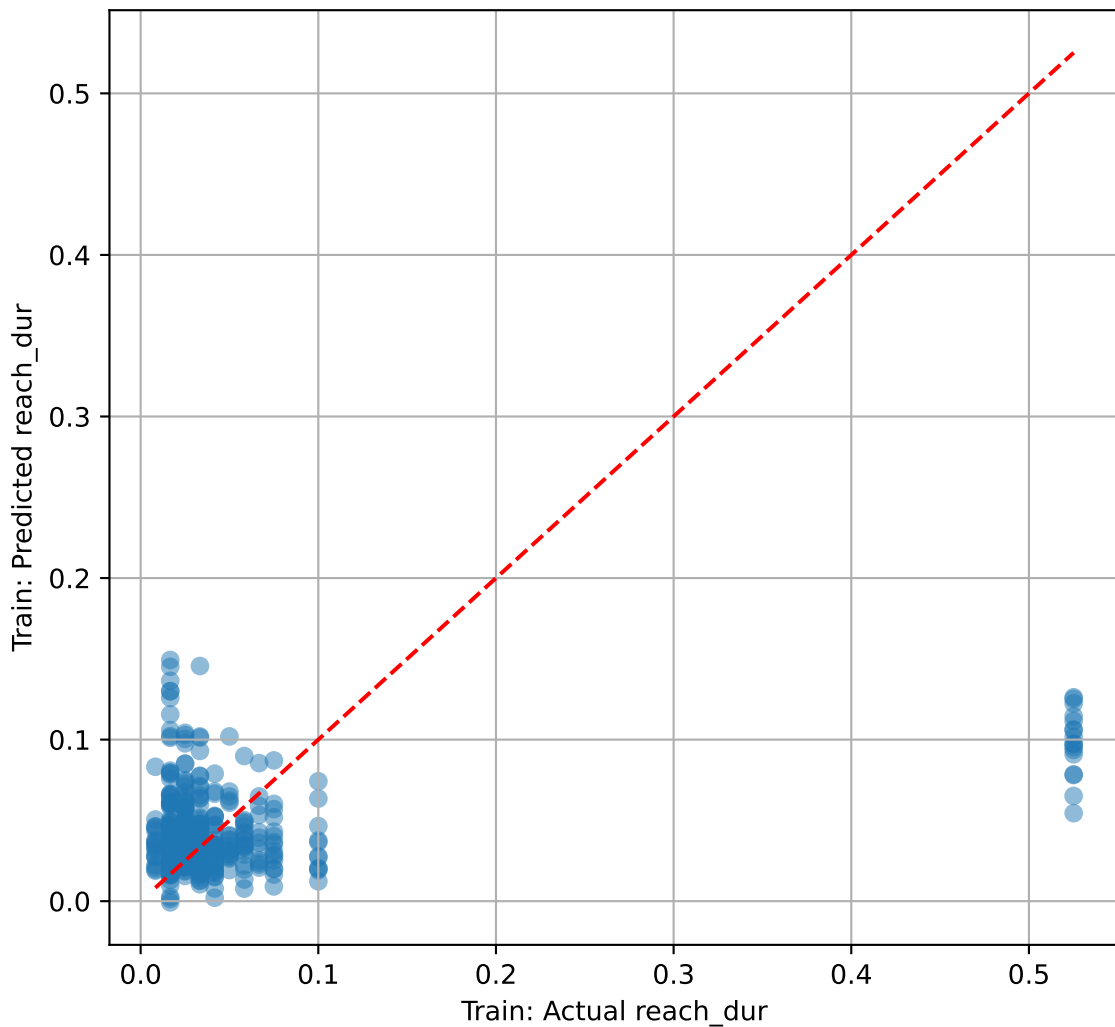


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

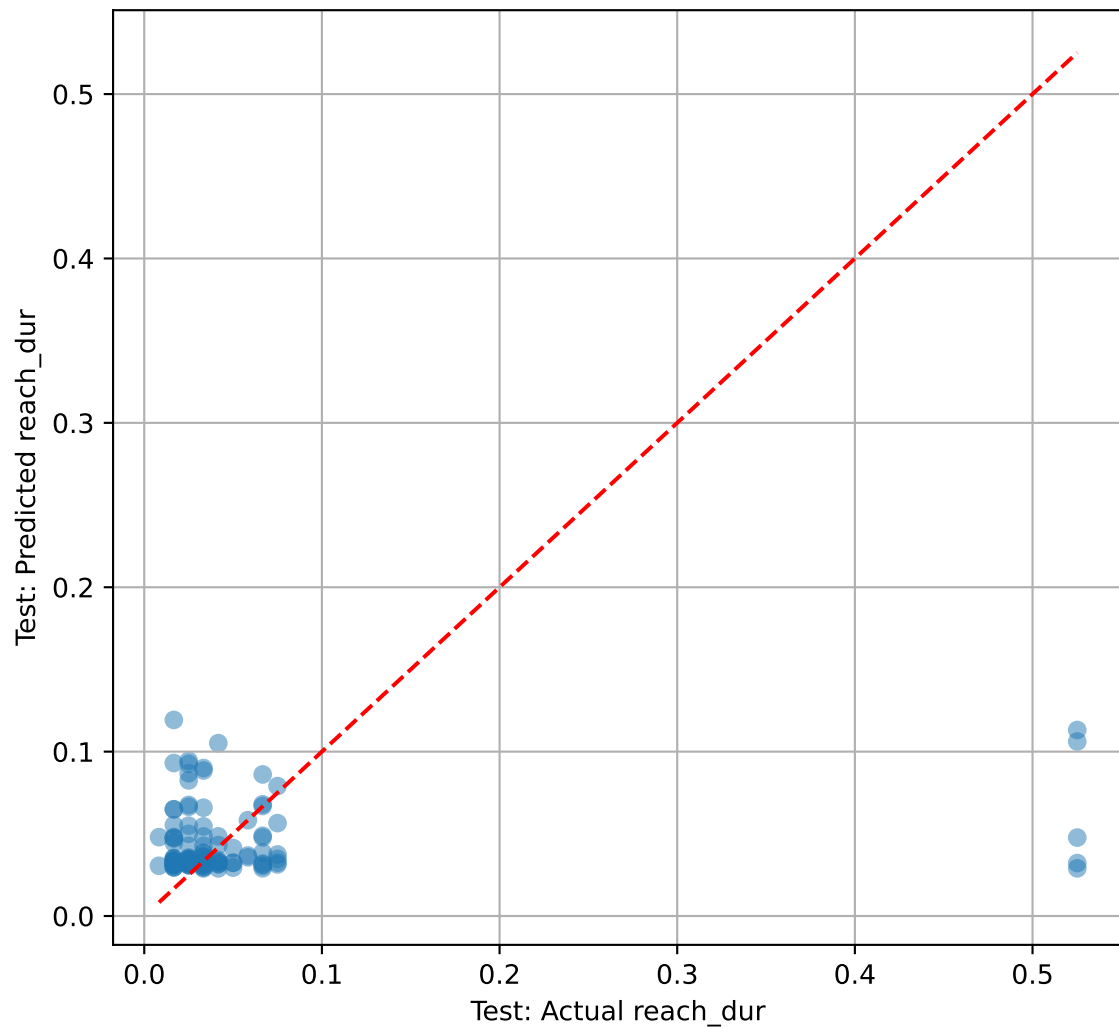


**sub-135**

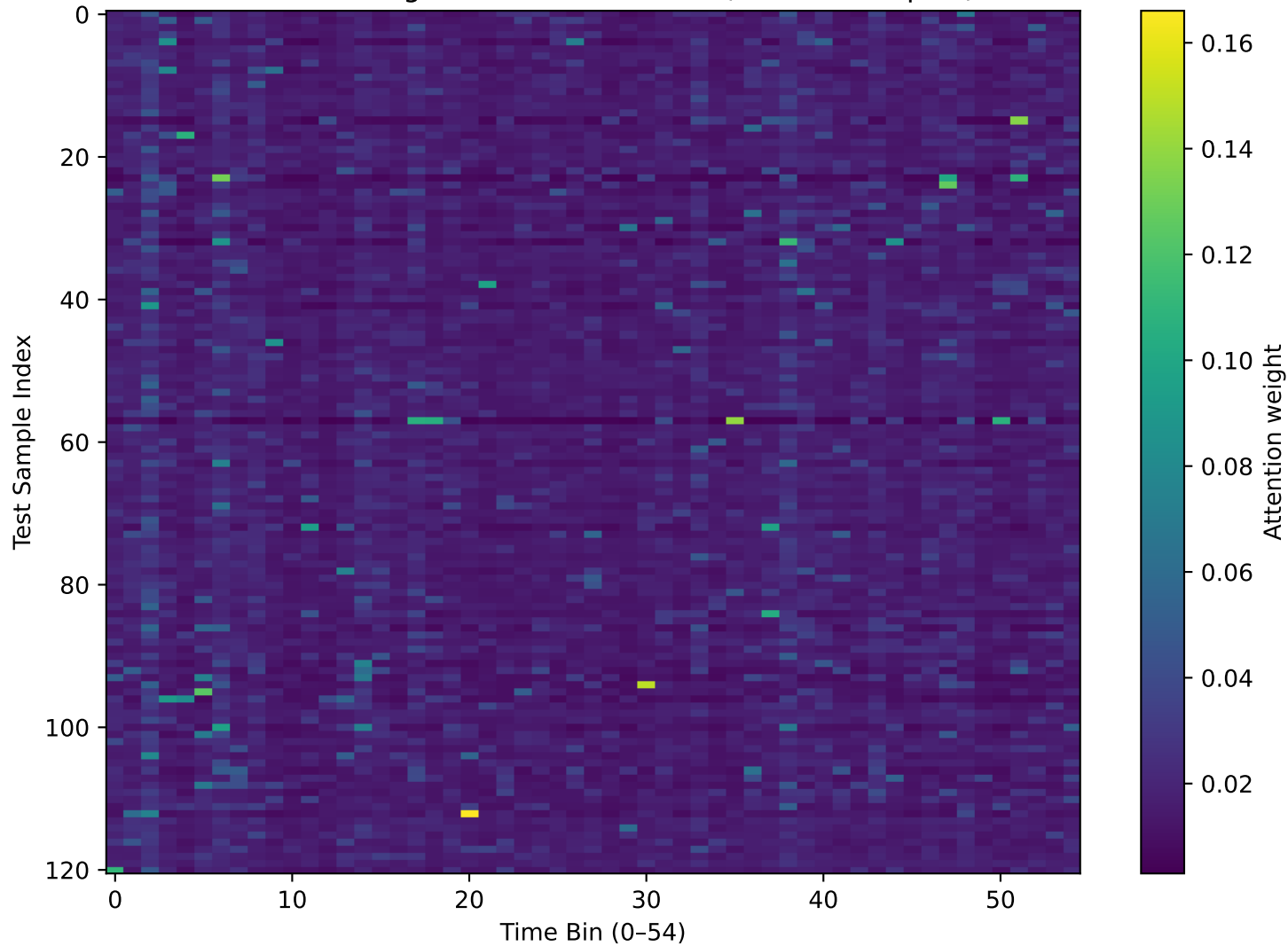
Train: Epoch 28  
MSE: 0.8339, R2: 0.1406



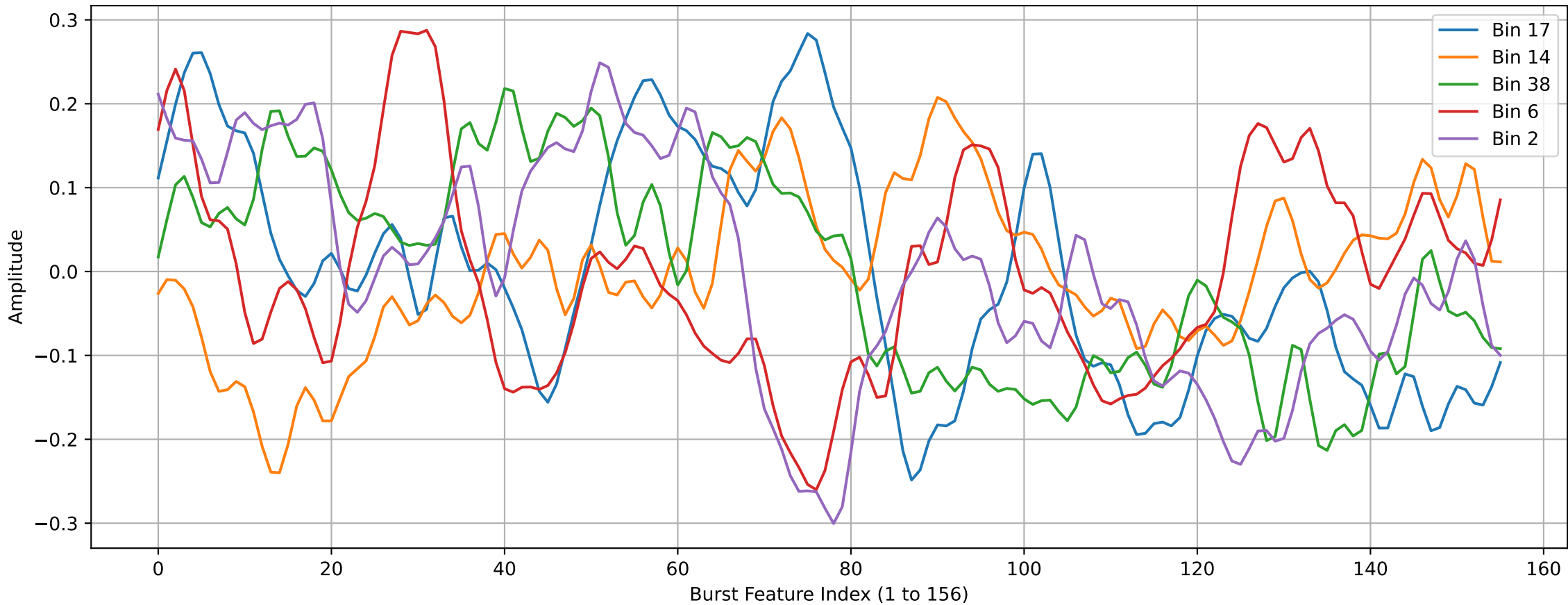
Val: Epoch 28  
MSE: 1.0756, R2: 0.0371



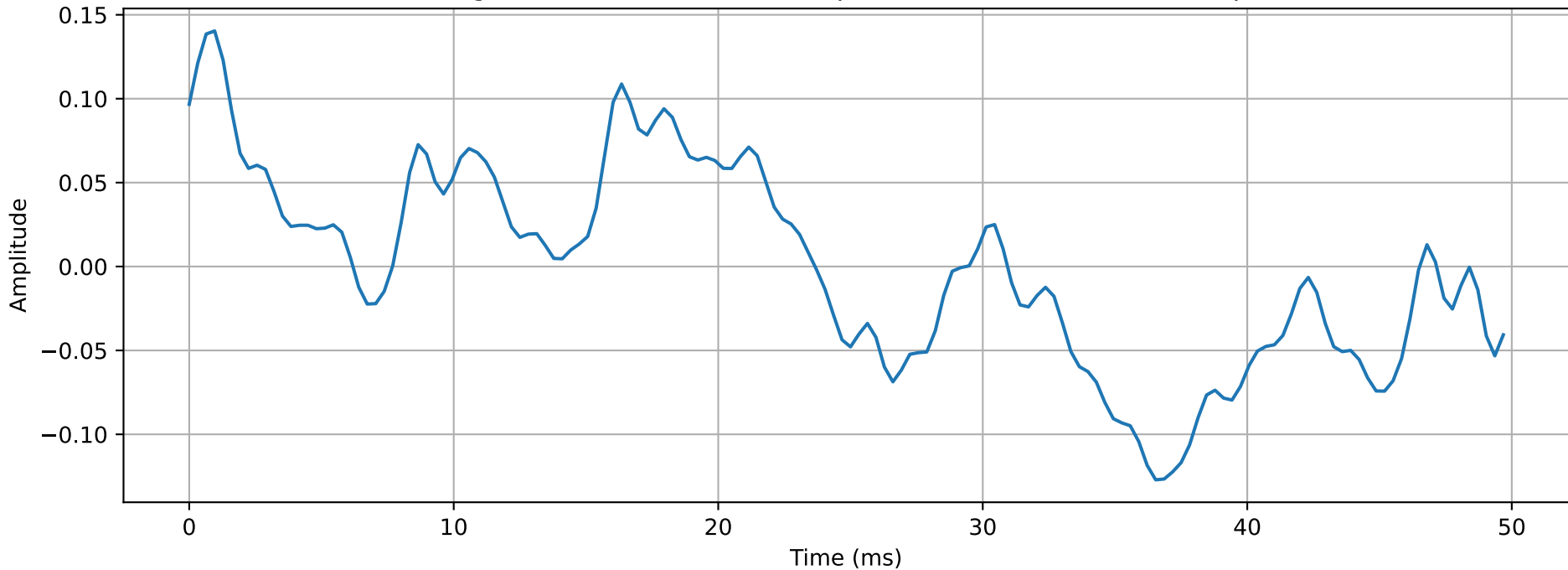
Attention Weights Across Time Bins (All Test Samples)



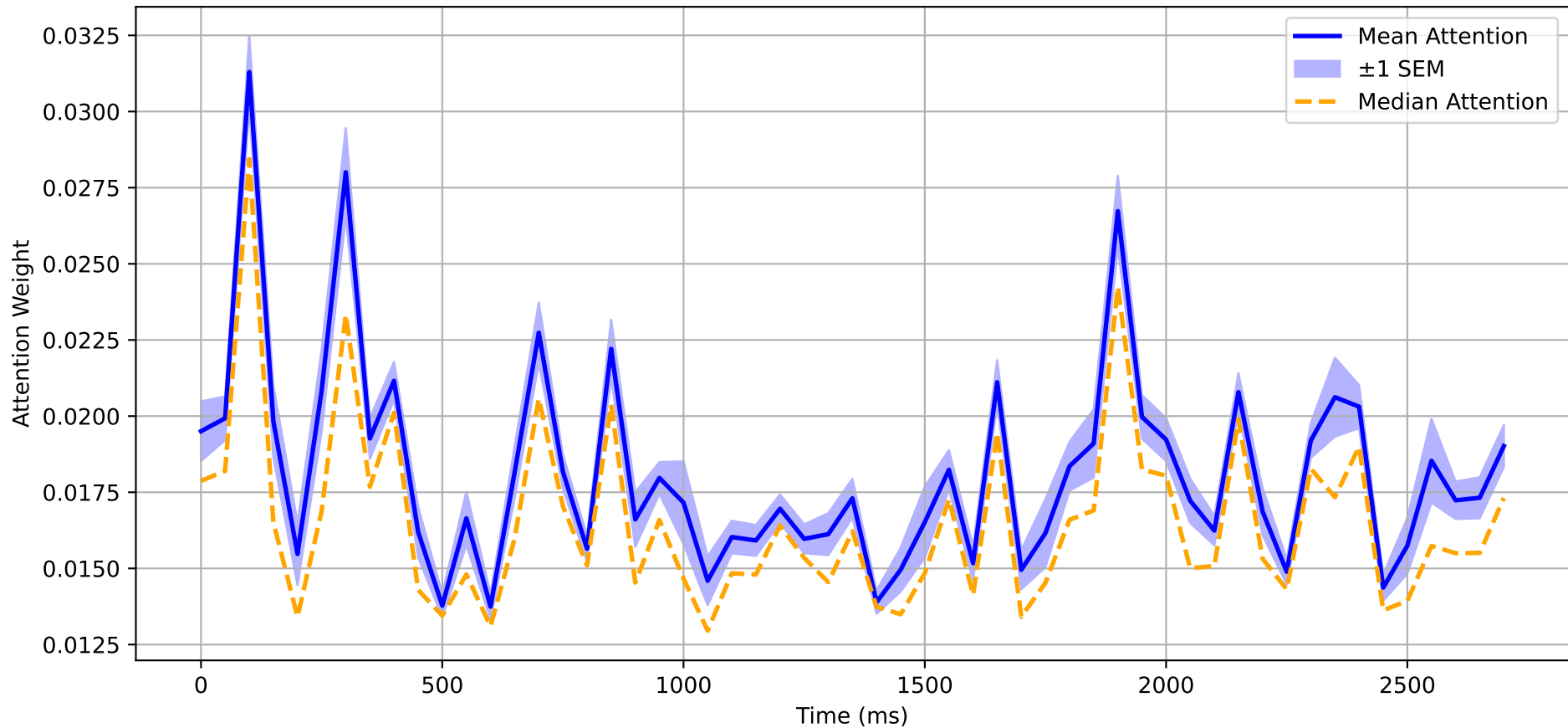
Waveform Shapes for Top Attention Bins (All Test Samples)



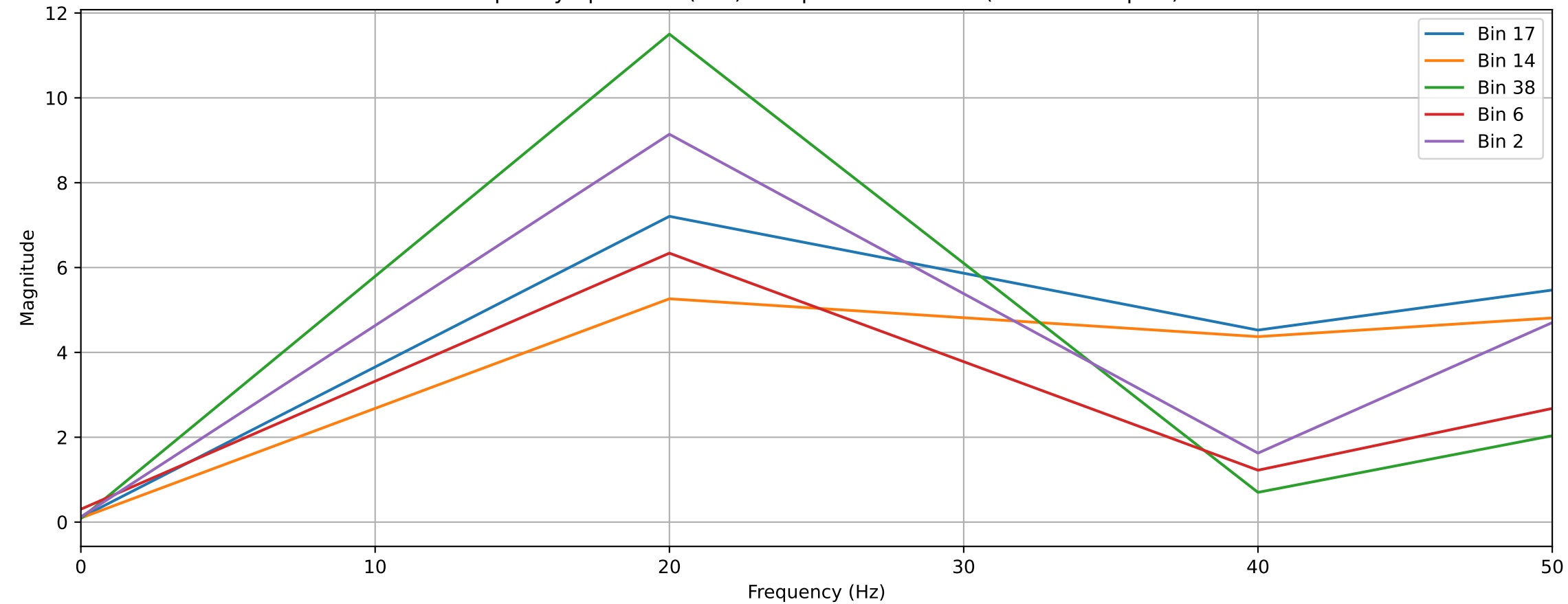
Average Burst Waveform from Top Attention Bins (All Test Samples)



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



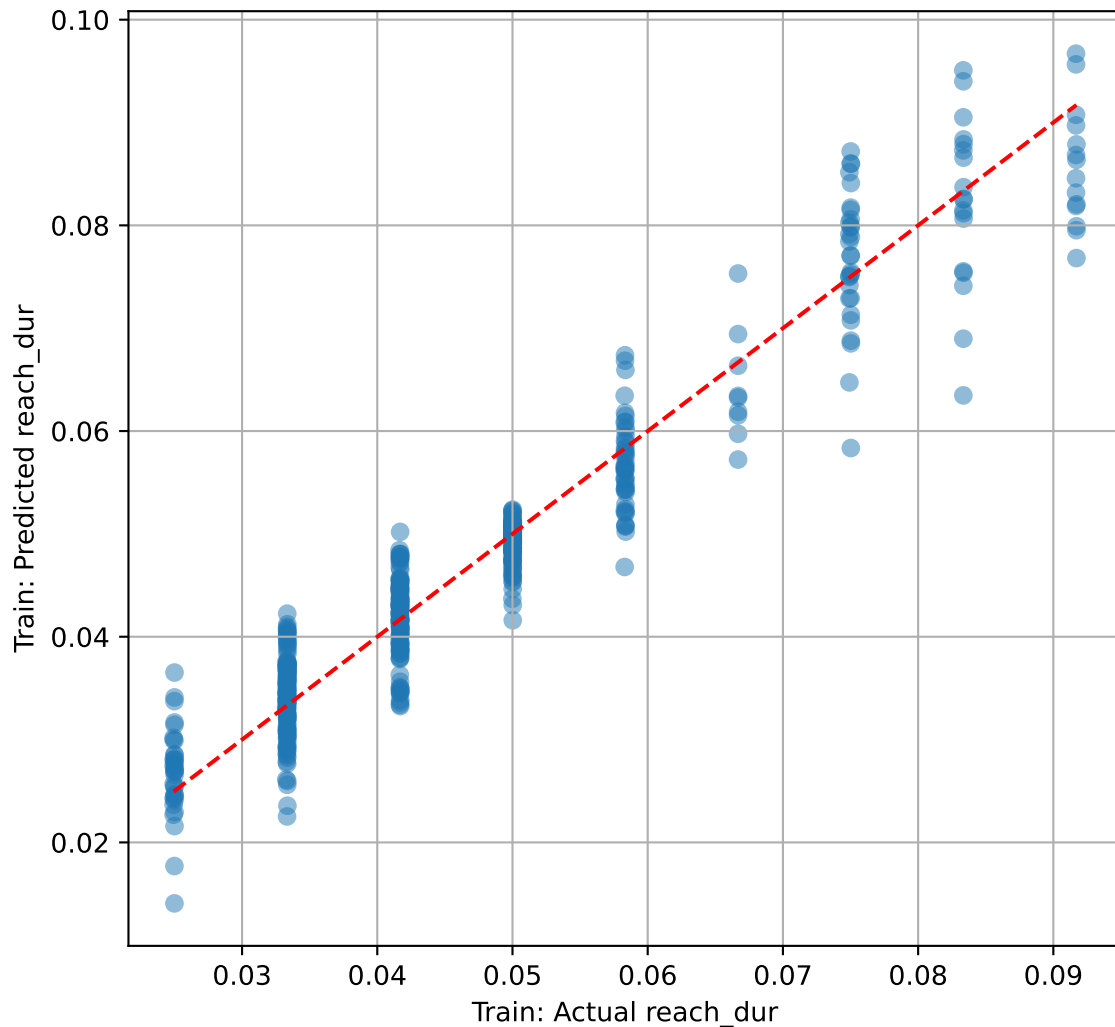
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



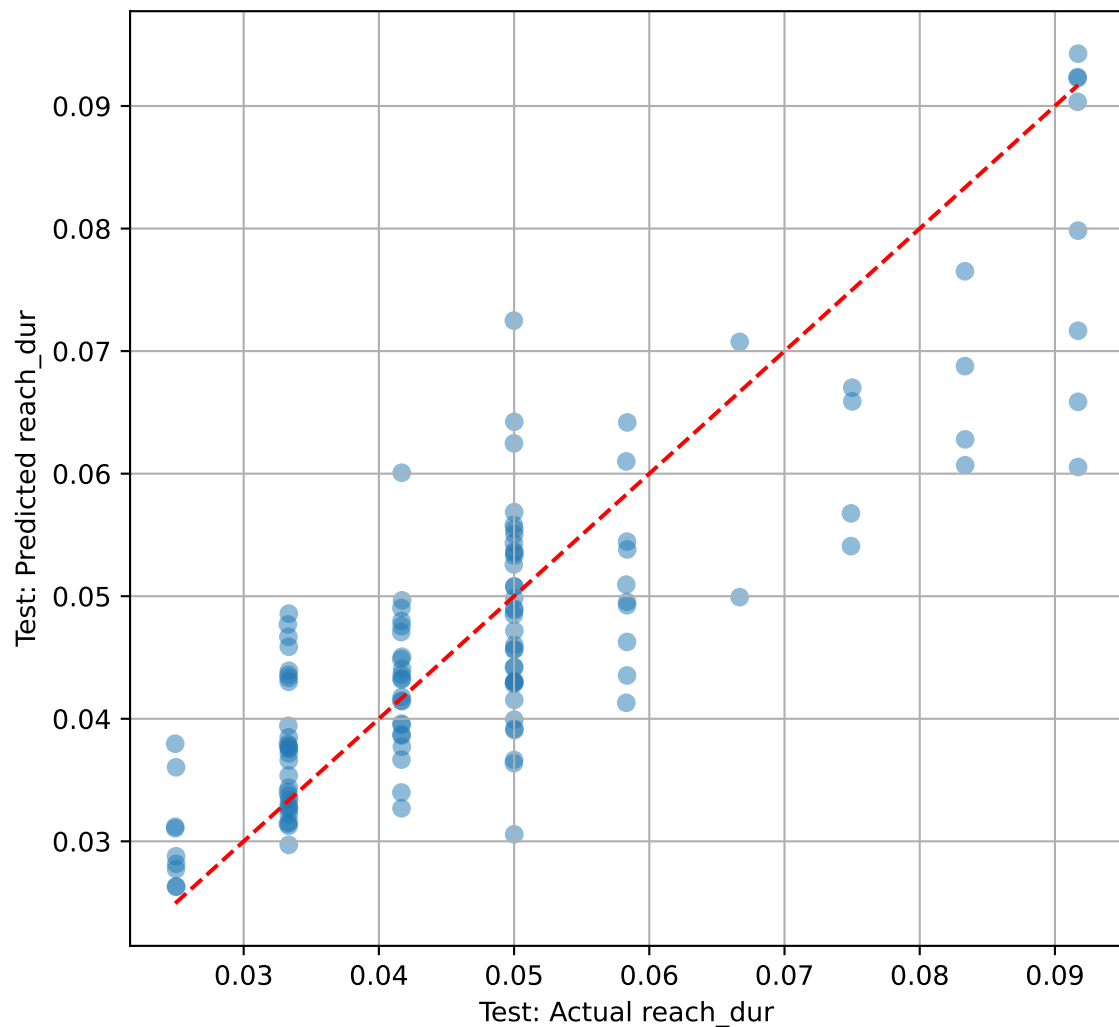


**sub-136**

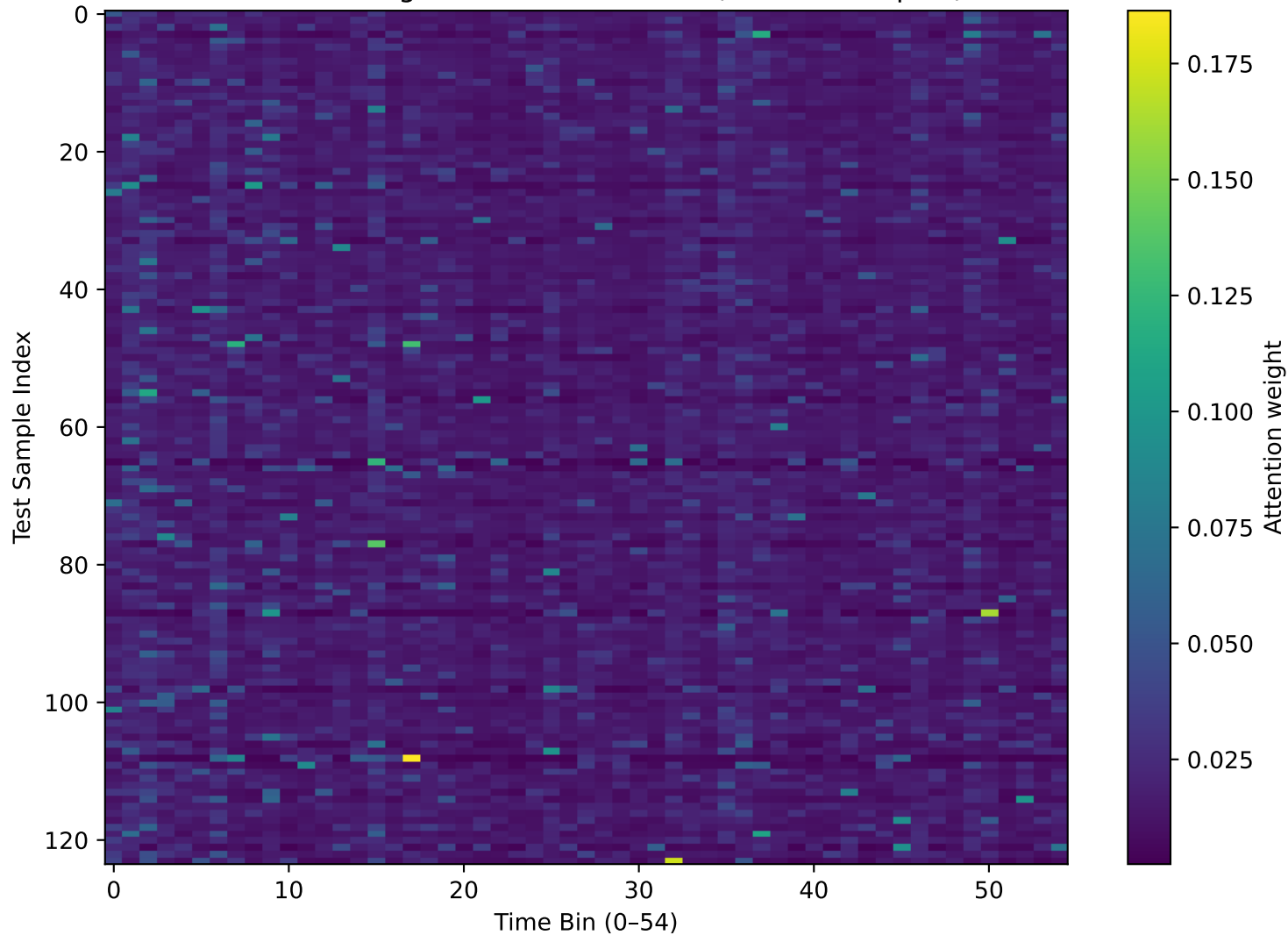
Train: Epoch 990  
MSE: 0.0724, R2: 0.9254



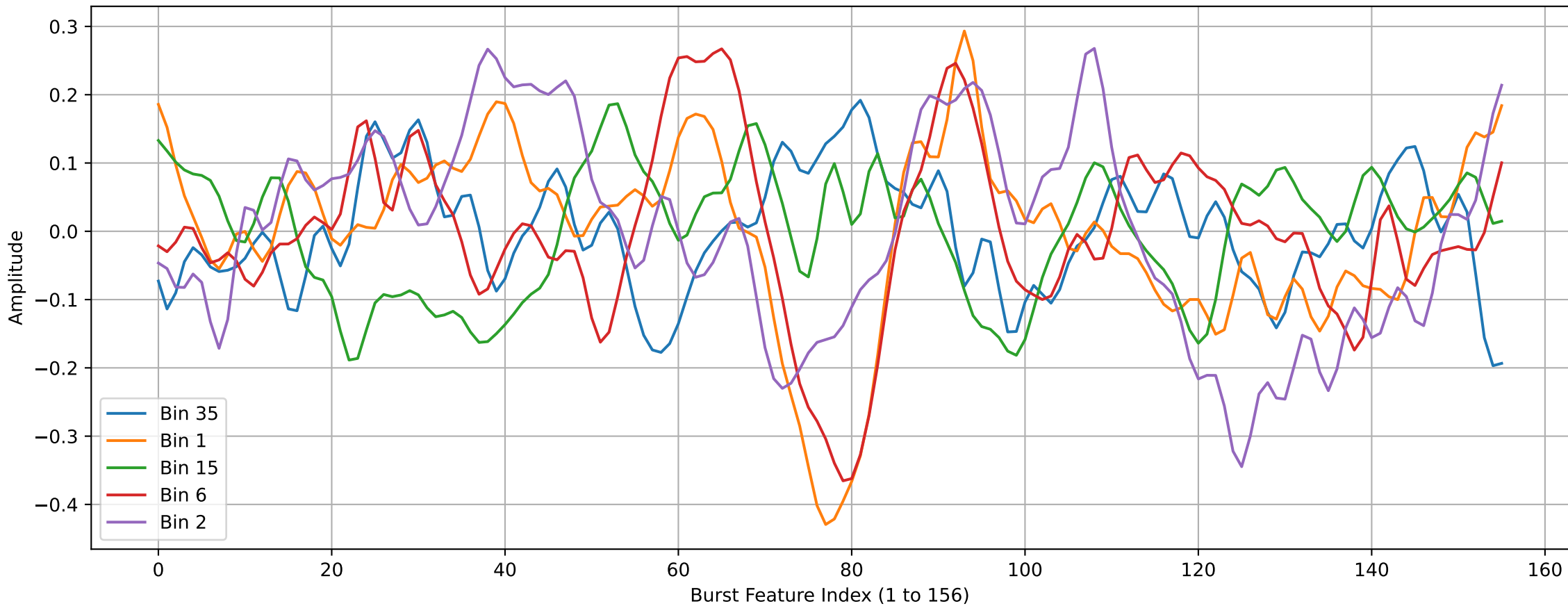
Val: Epoch 990  
MSE: 0.3217, R2: 0.7114



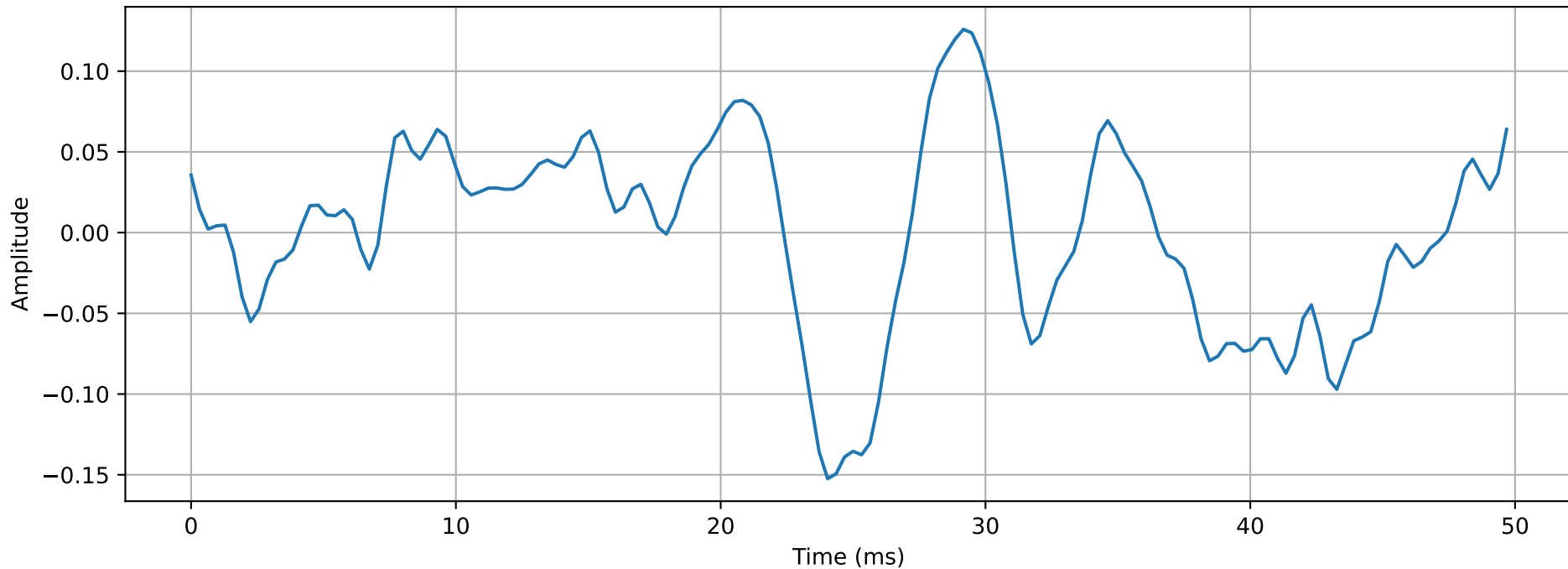
Attention Weights Across Time Bins (All Test Samples)



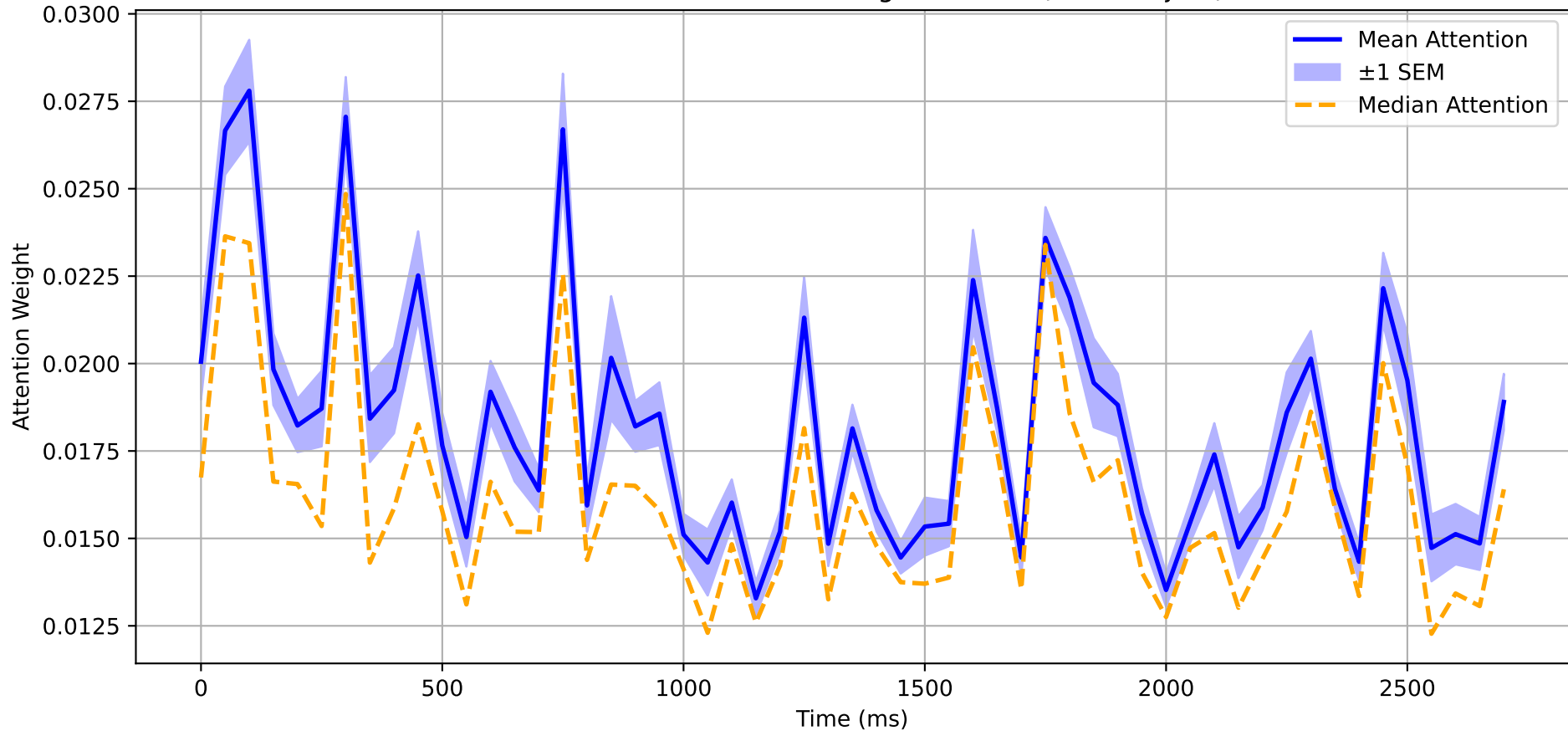
Waveform Shapes for Top Attention Bins (All Test Samples)



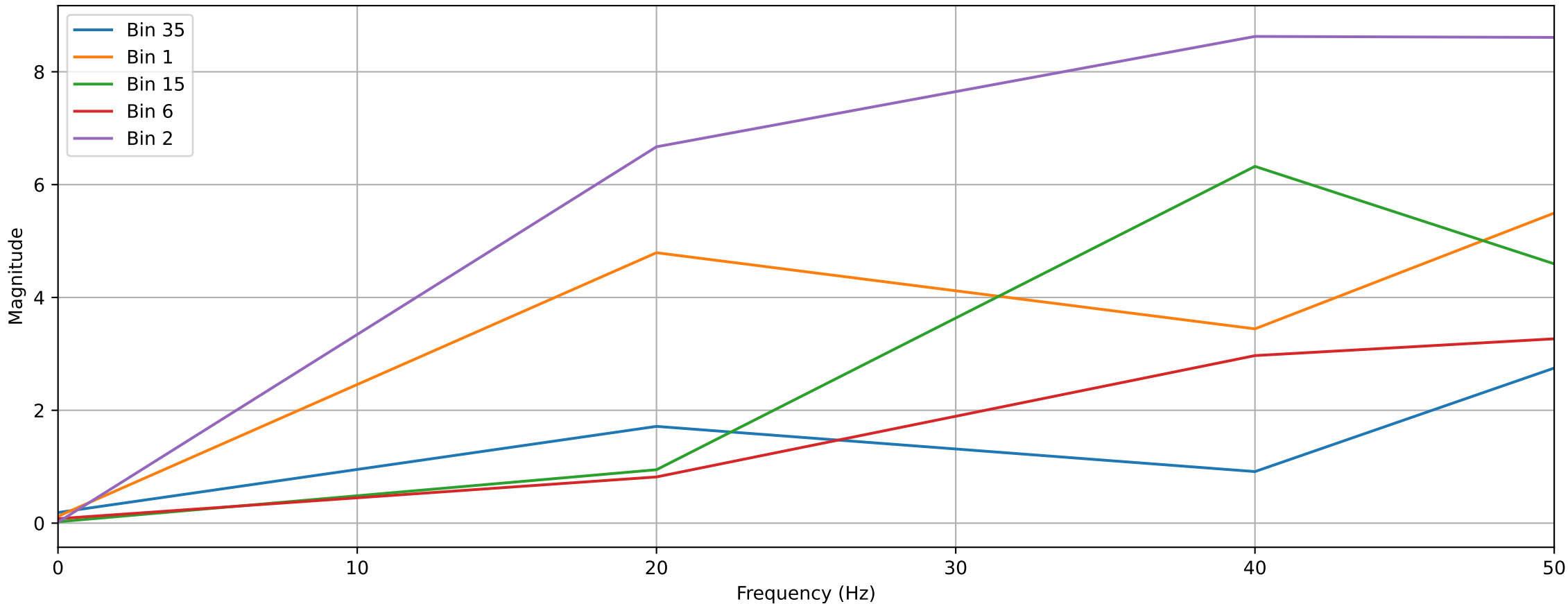
Average Burst Waveform from Top Attention Bins (All Test Samples)



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



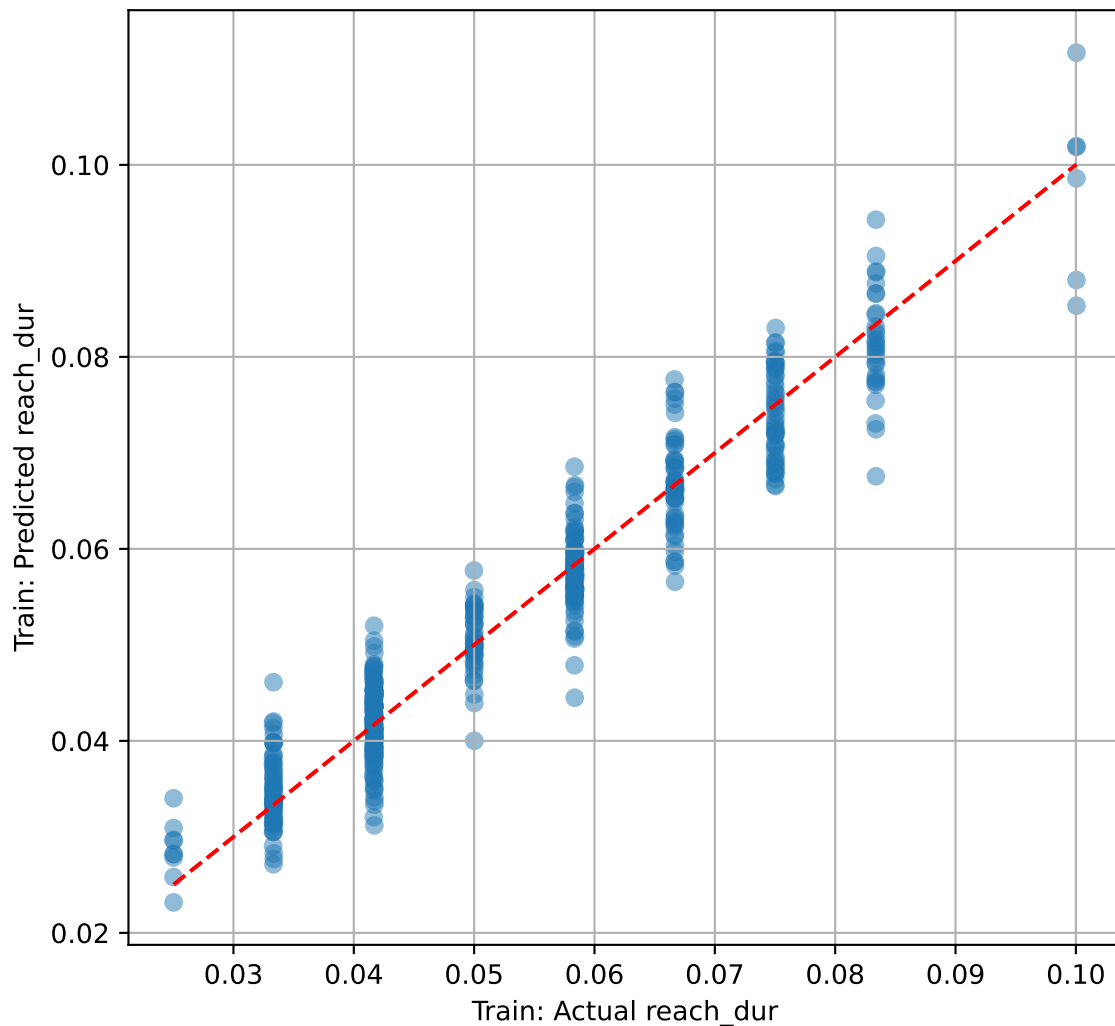
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



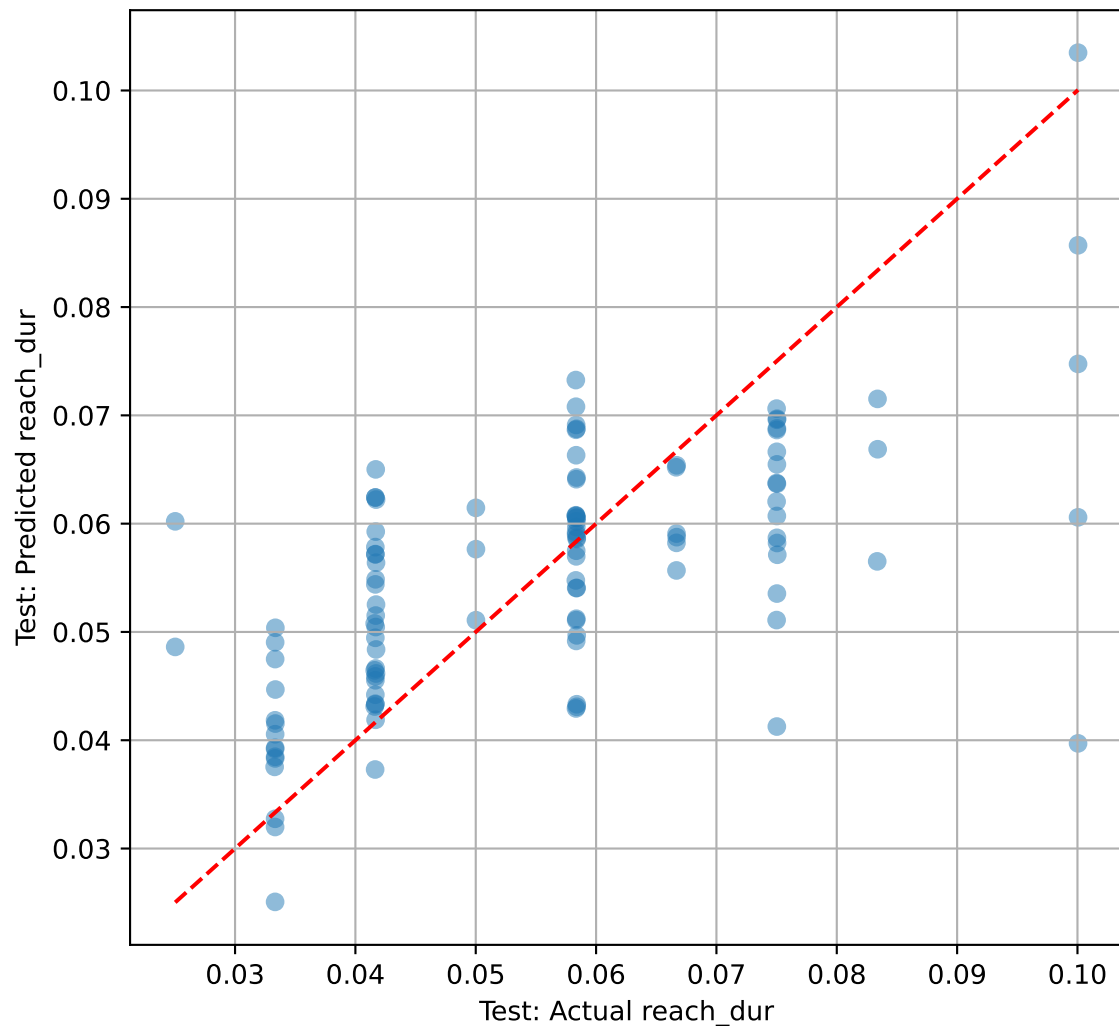
**sub-138**



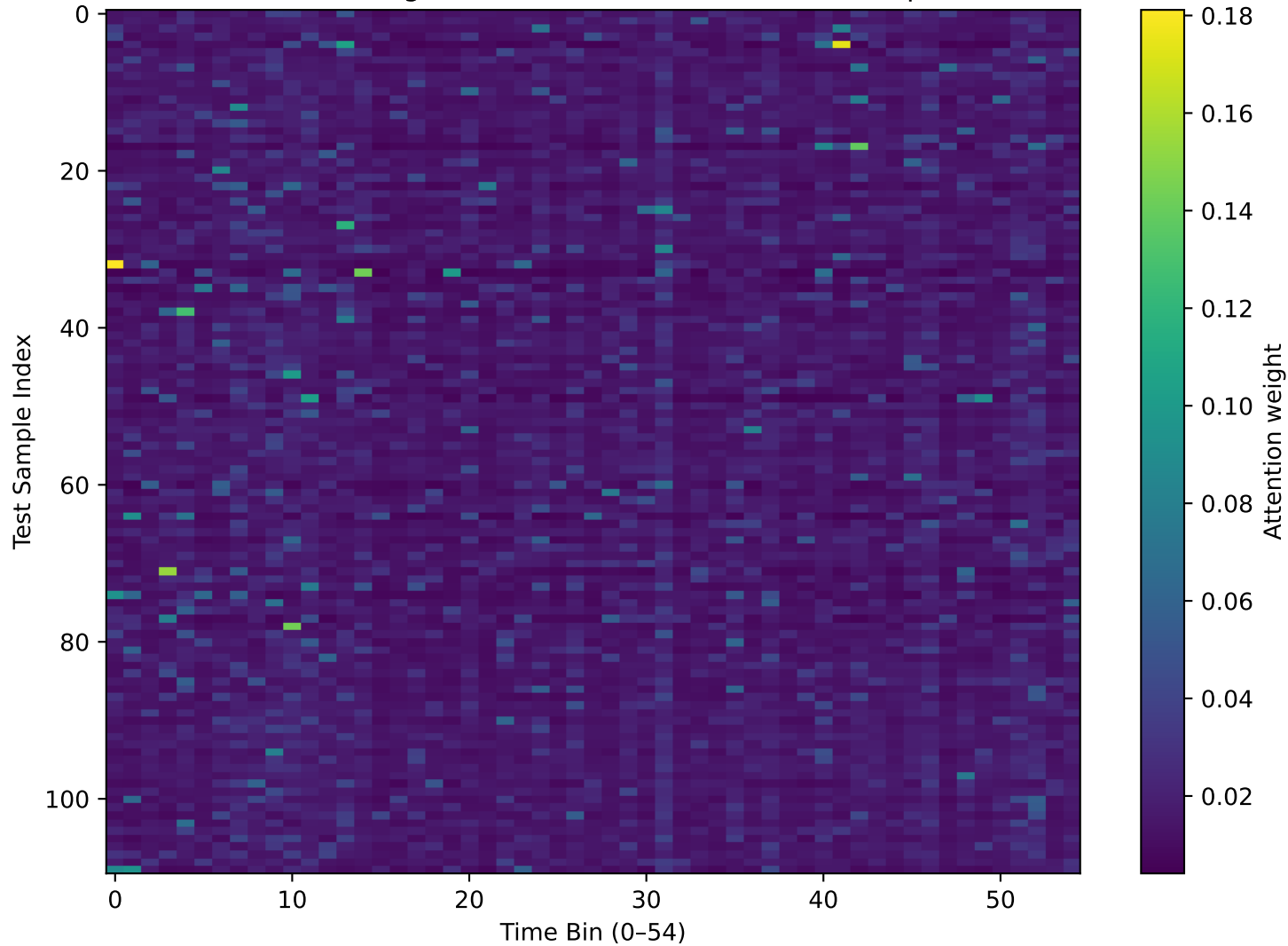
Train: Epoch 929  
MSE: 0.0693, R2: 0.9289



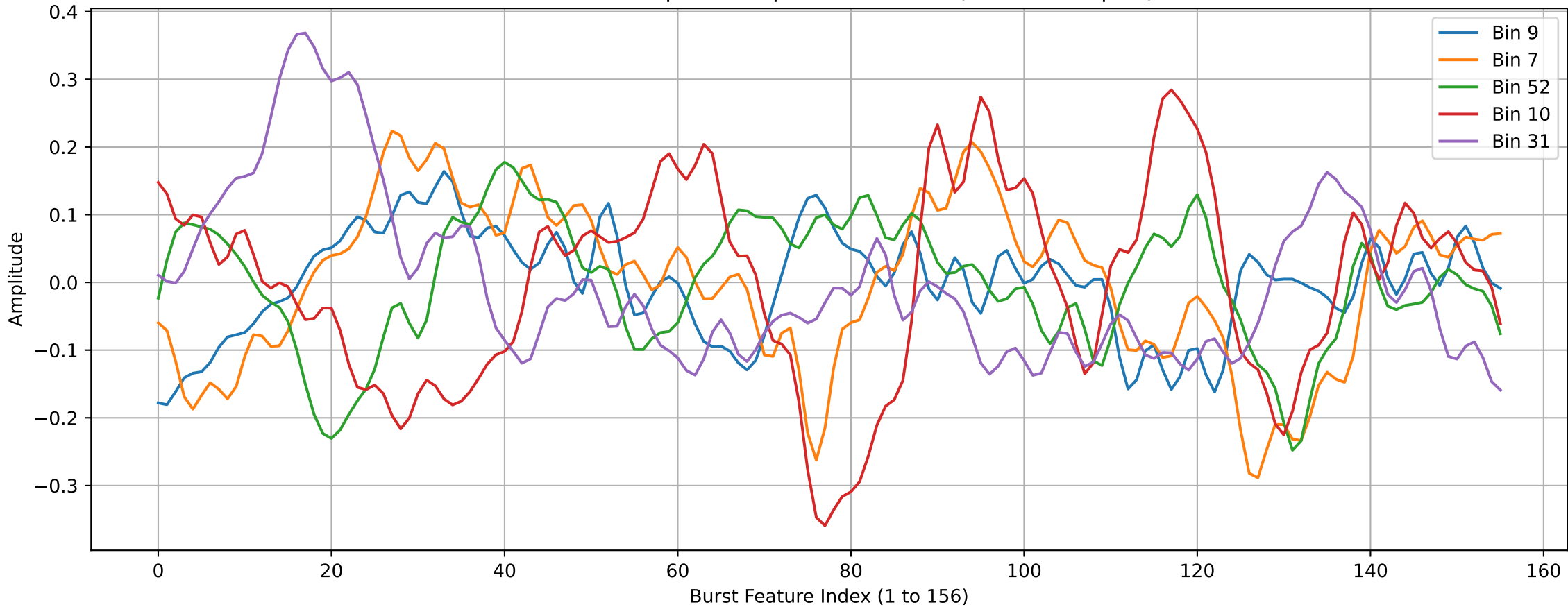
Val: Epoch 929  
MSE: 0.6611, R2: 0.3990



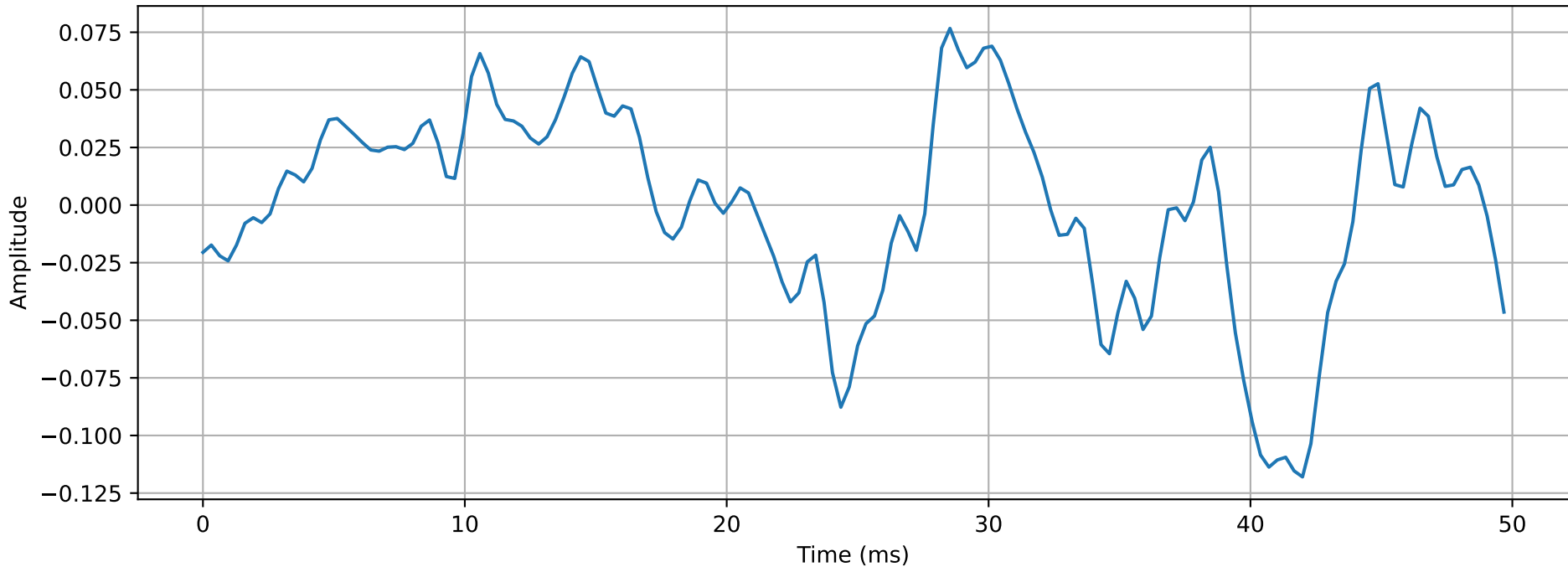
Attention Weights Across Time Bins (All Test Samples)



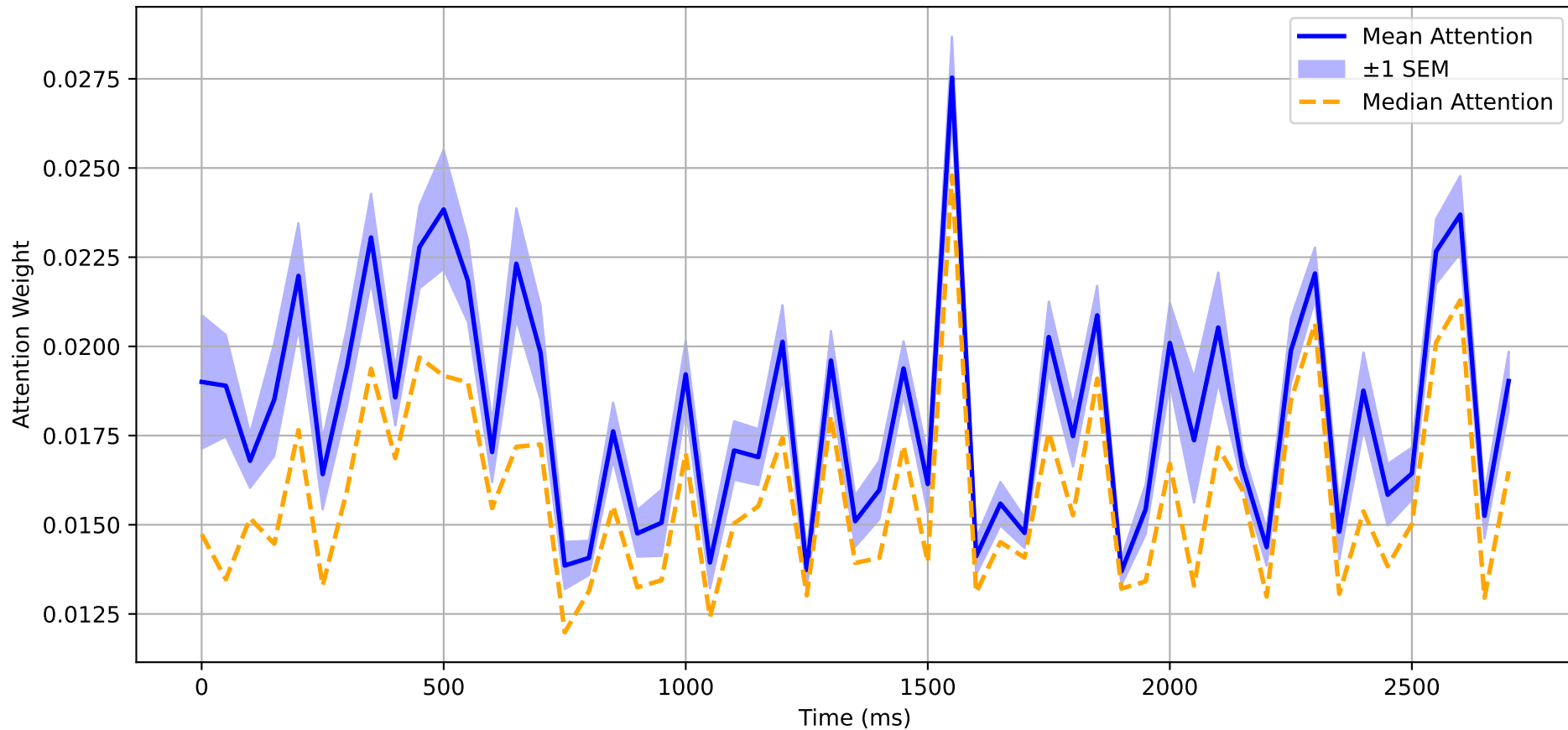
Waveform Shapes for Top Attention Bins (All Test Samples)



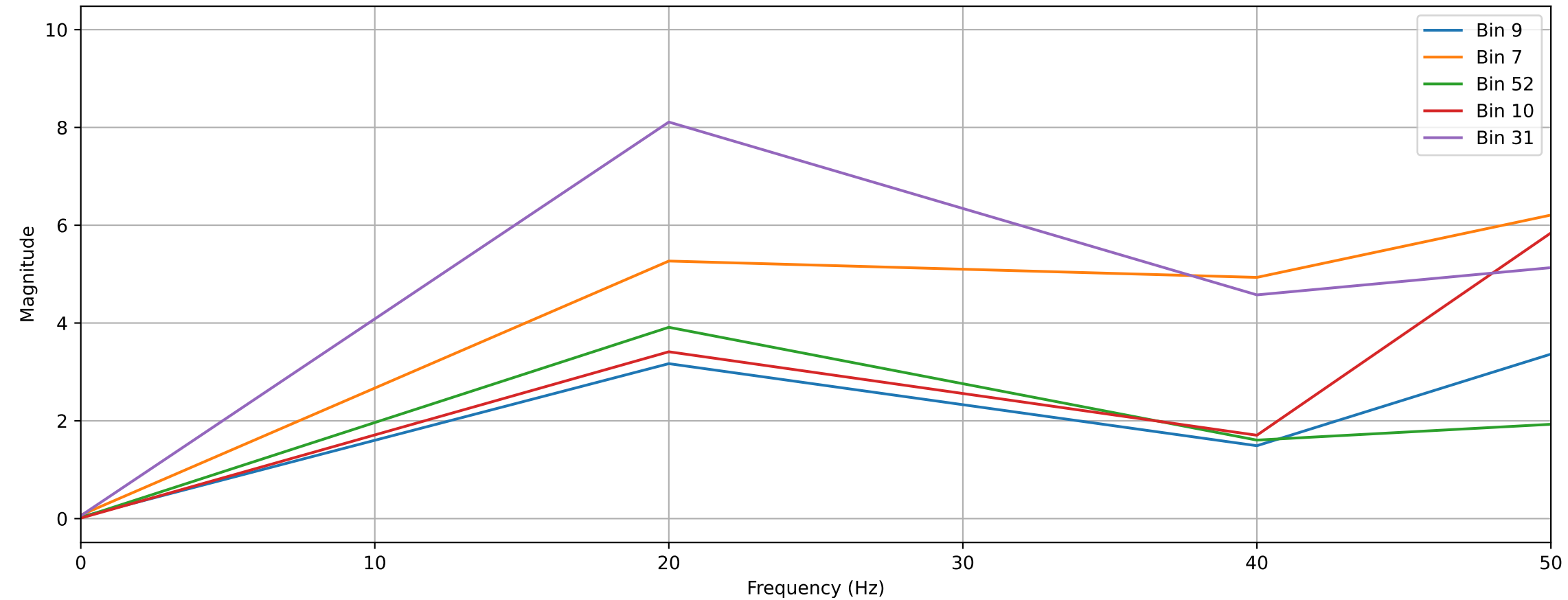
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

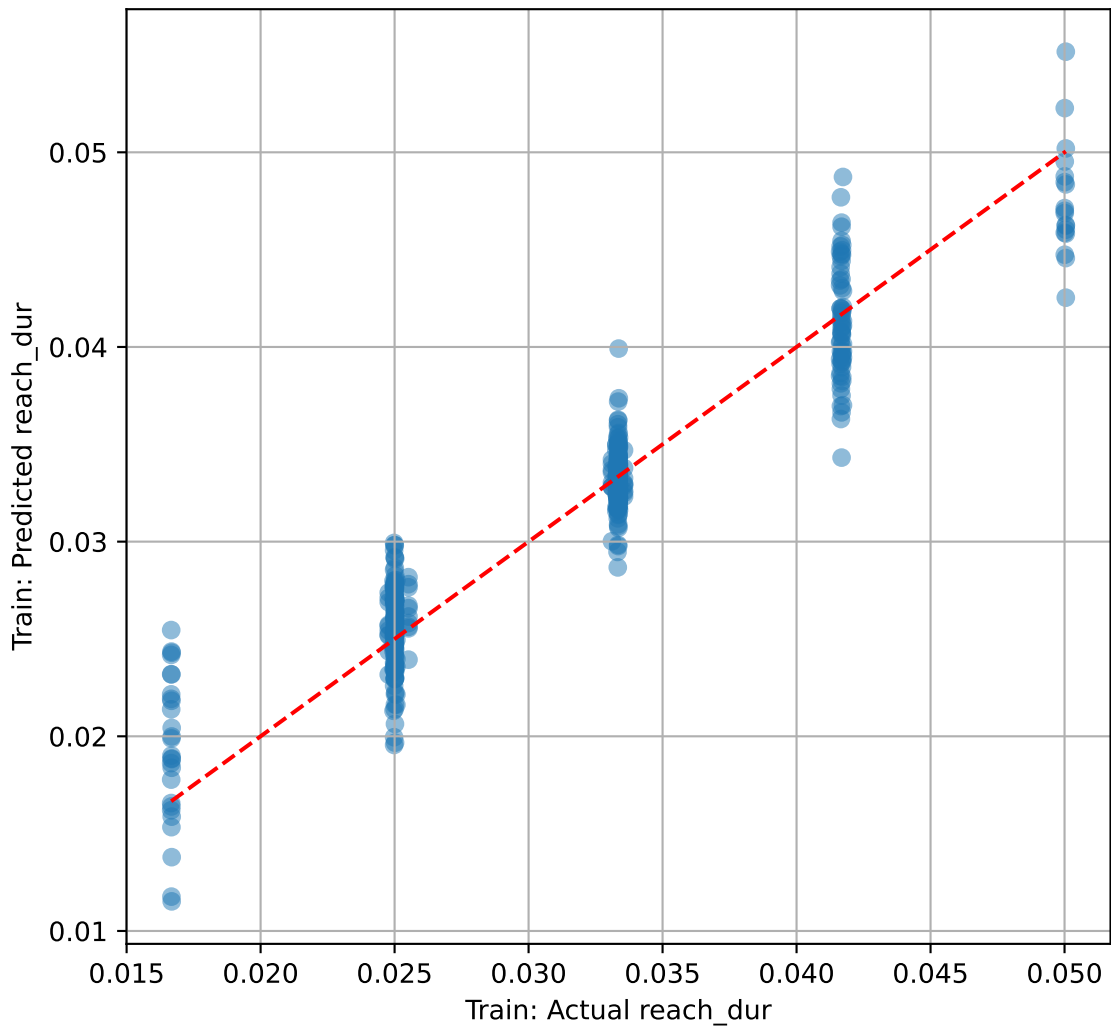


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

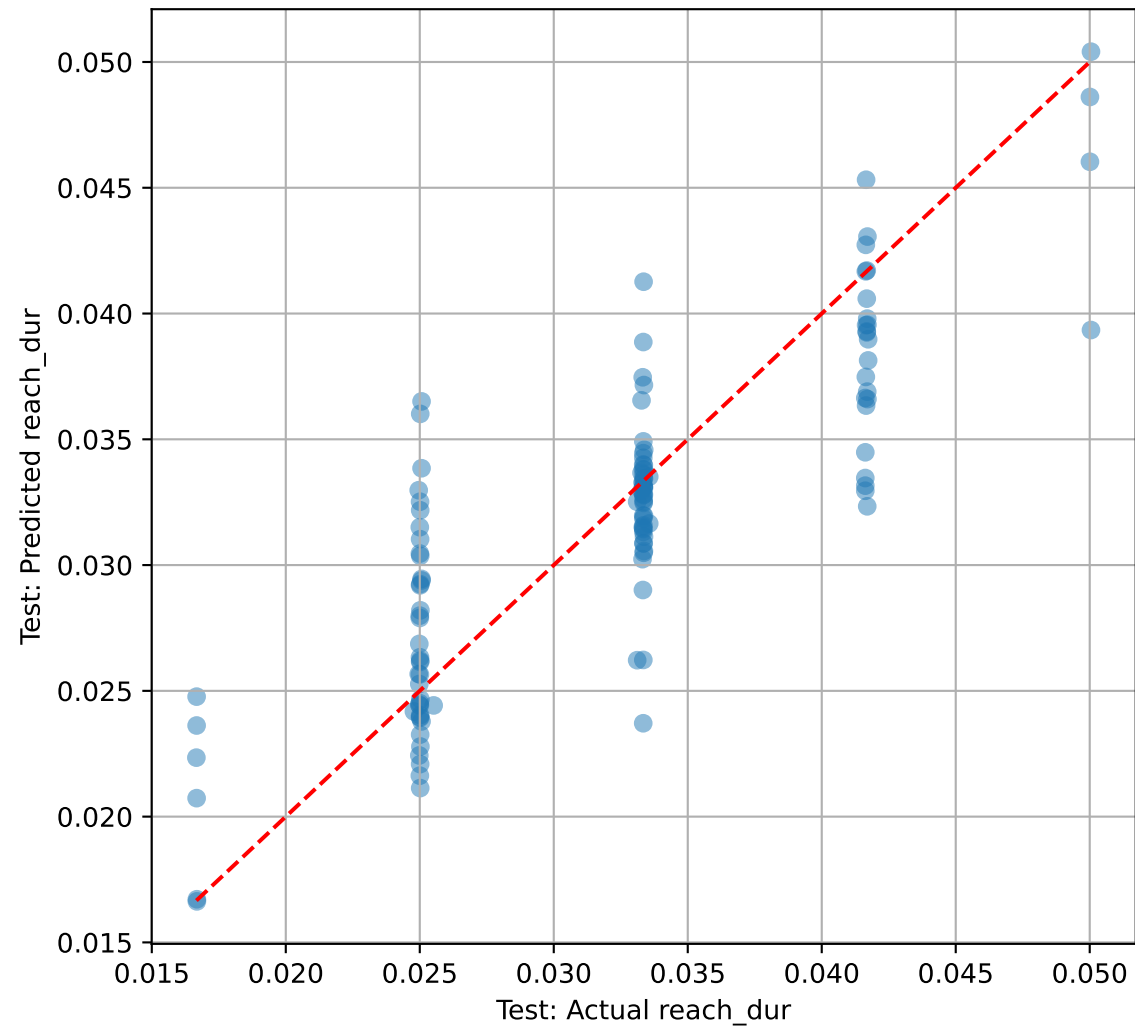


**sub-139**

Train: Epoch 868  
MSE: 0.0931, R2: 0.9057

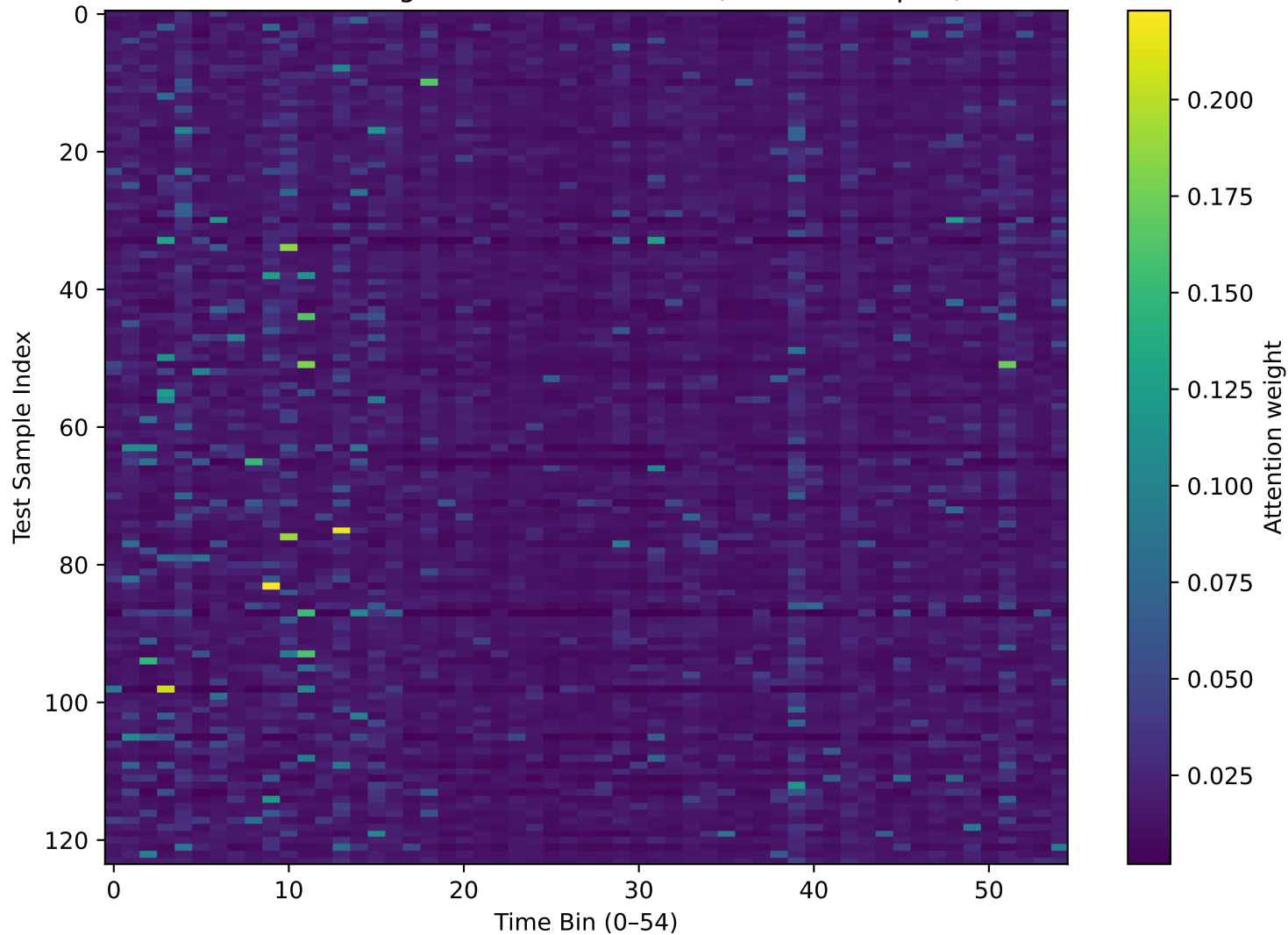


Val: Epoch 868  
MSE: 0.3128, R2: 0.7015

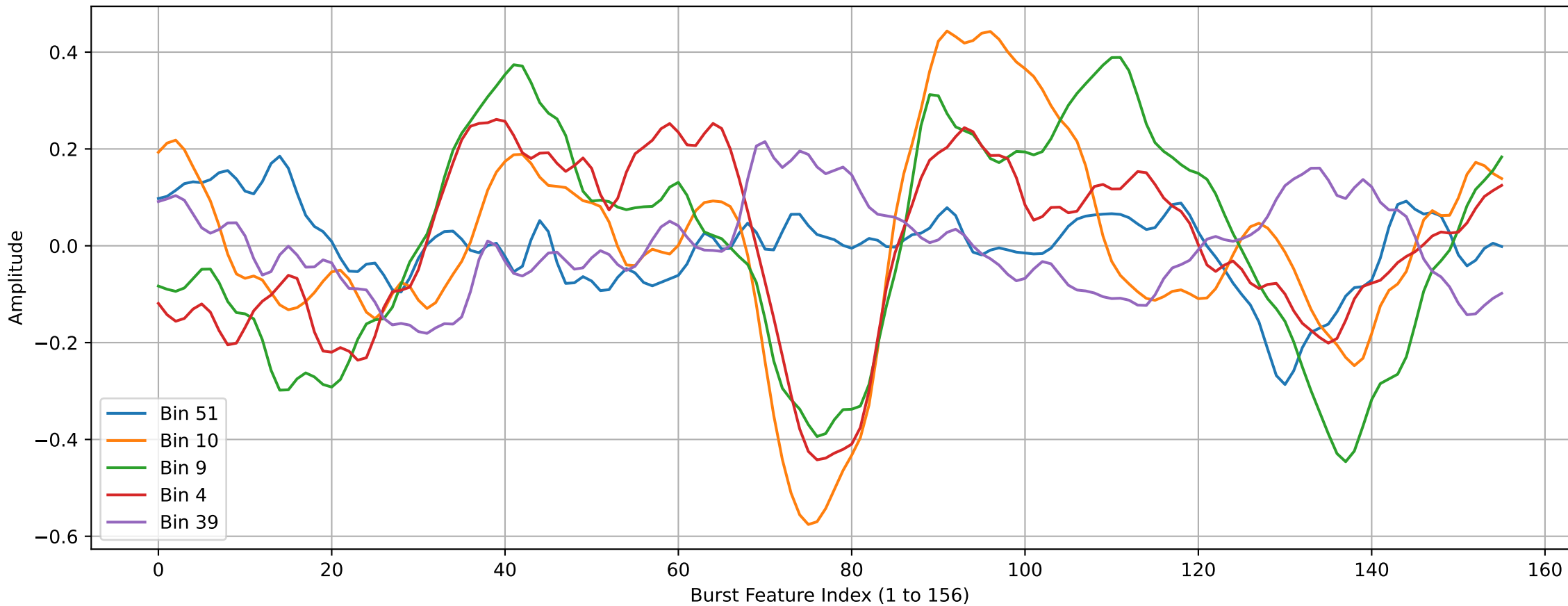




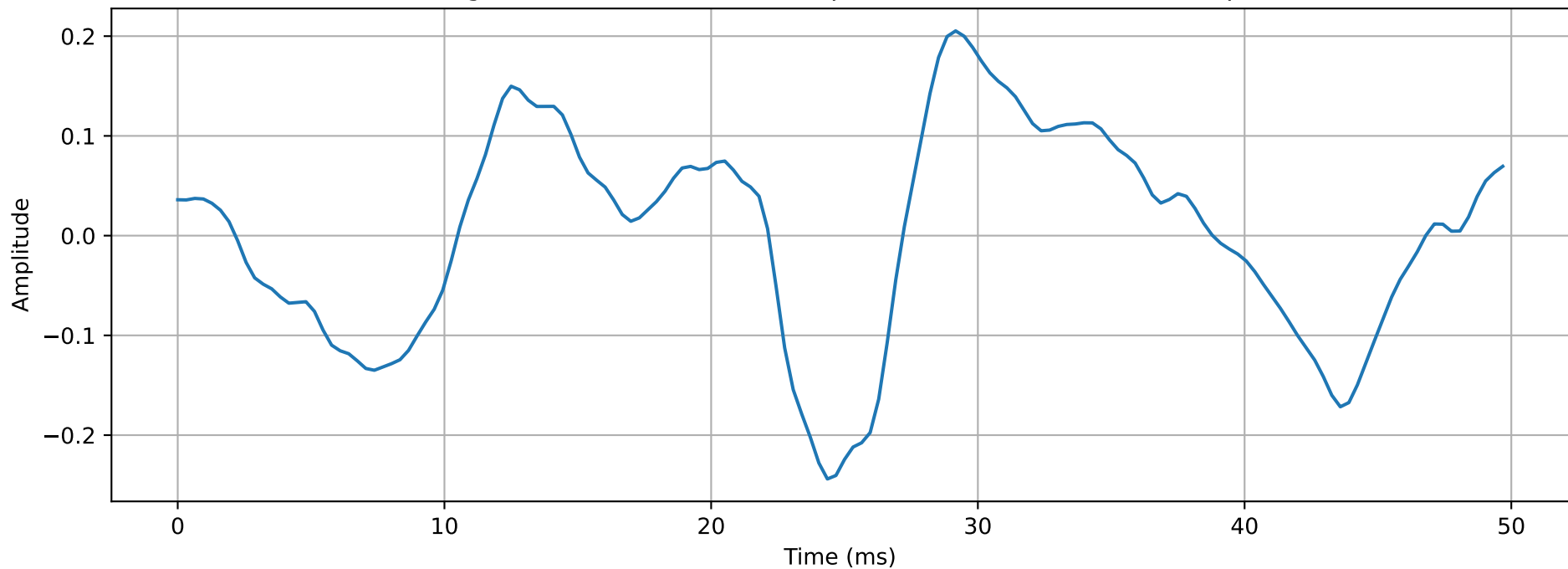
Attention Weights Across Time Bins (All Test Samples)



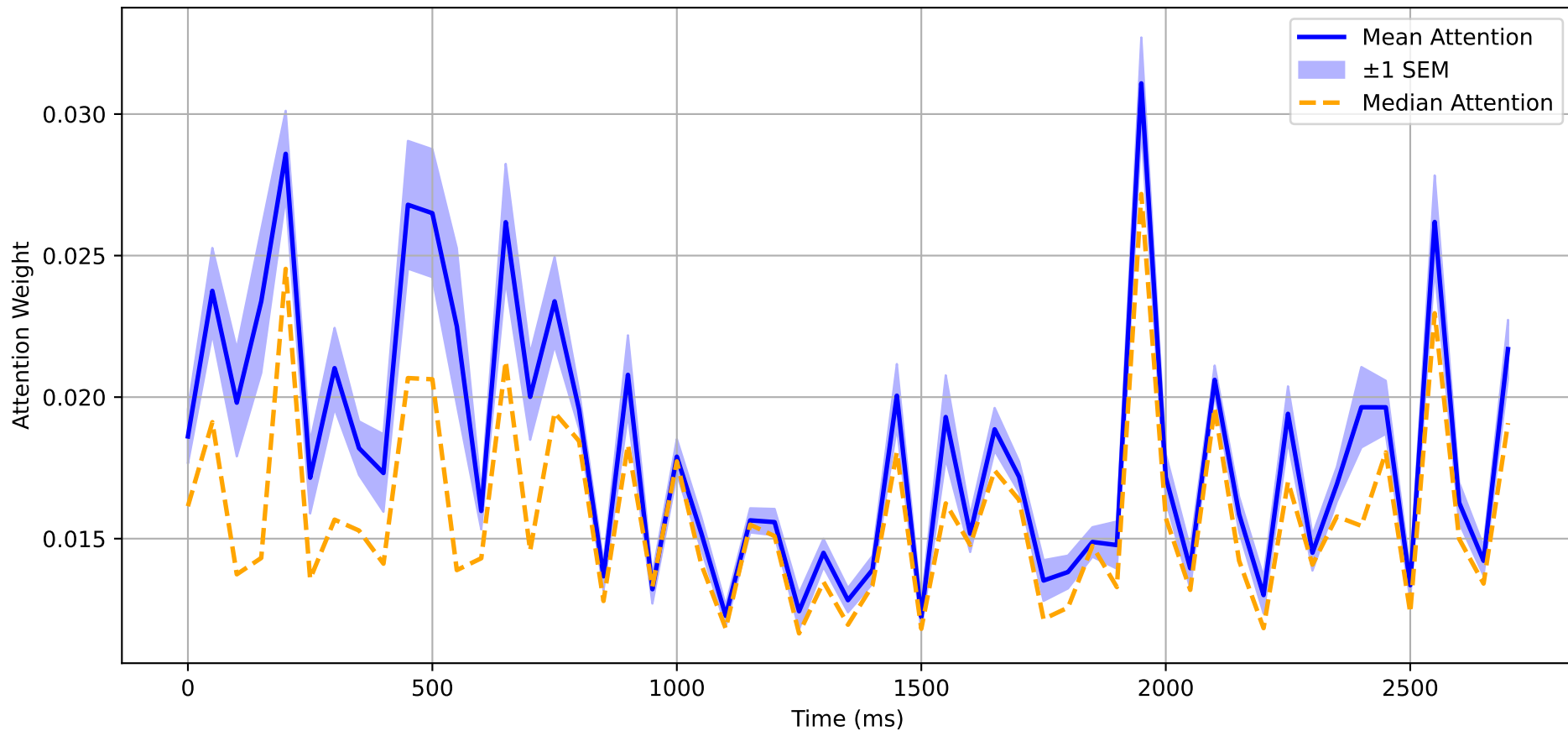
Waveform Shapes for Top Attention Bins (All Test Samples)



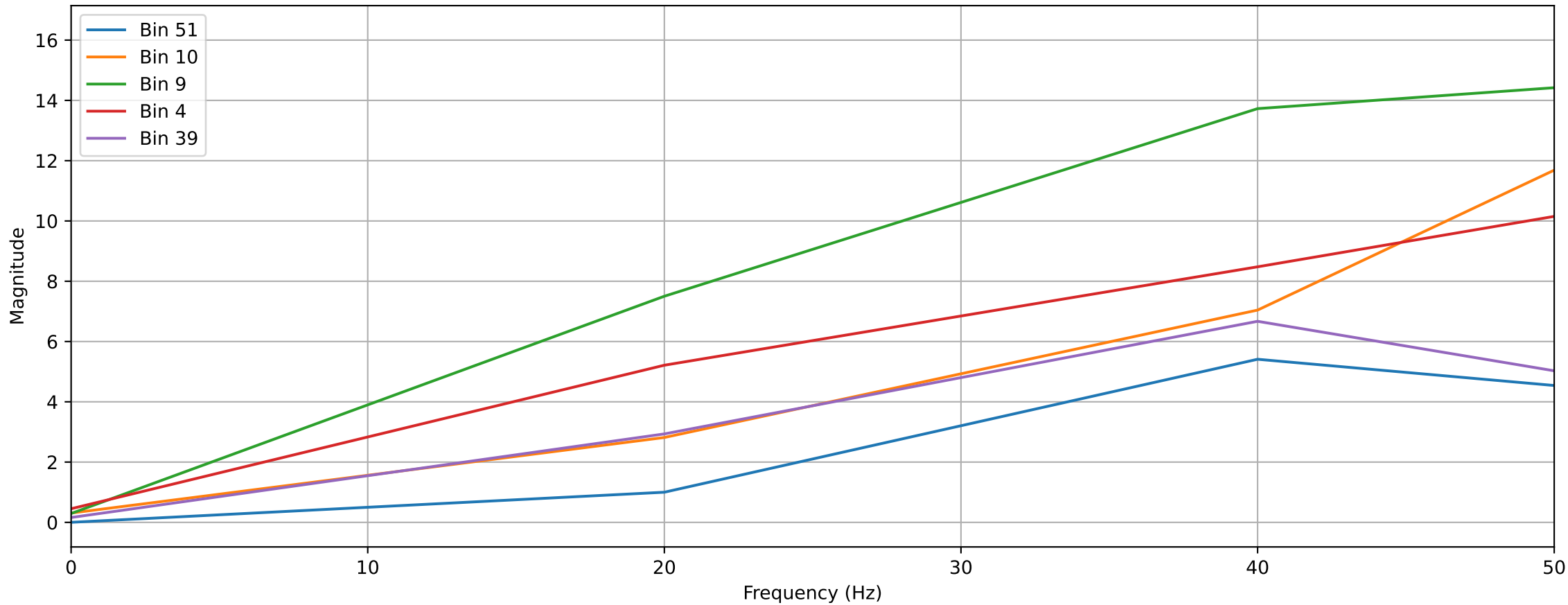
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

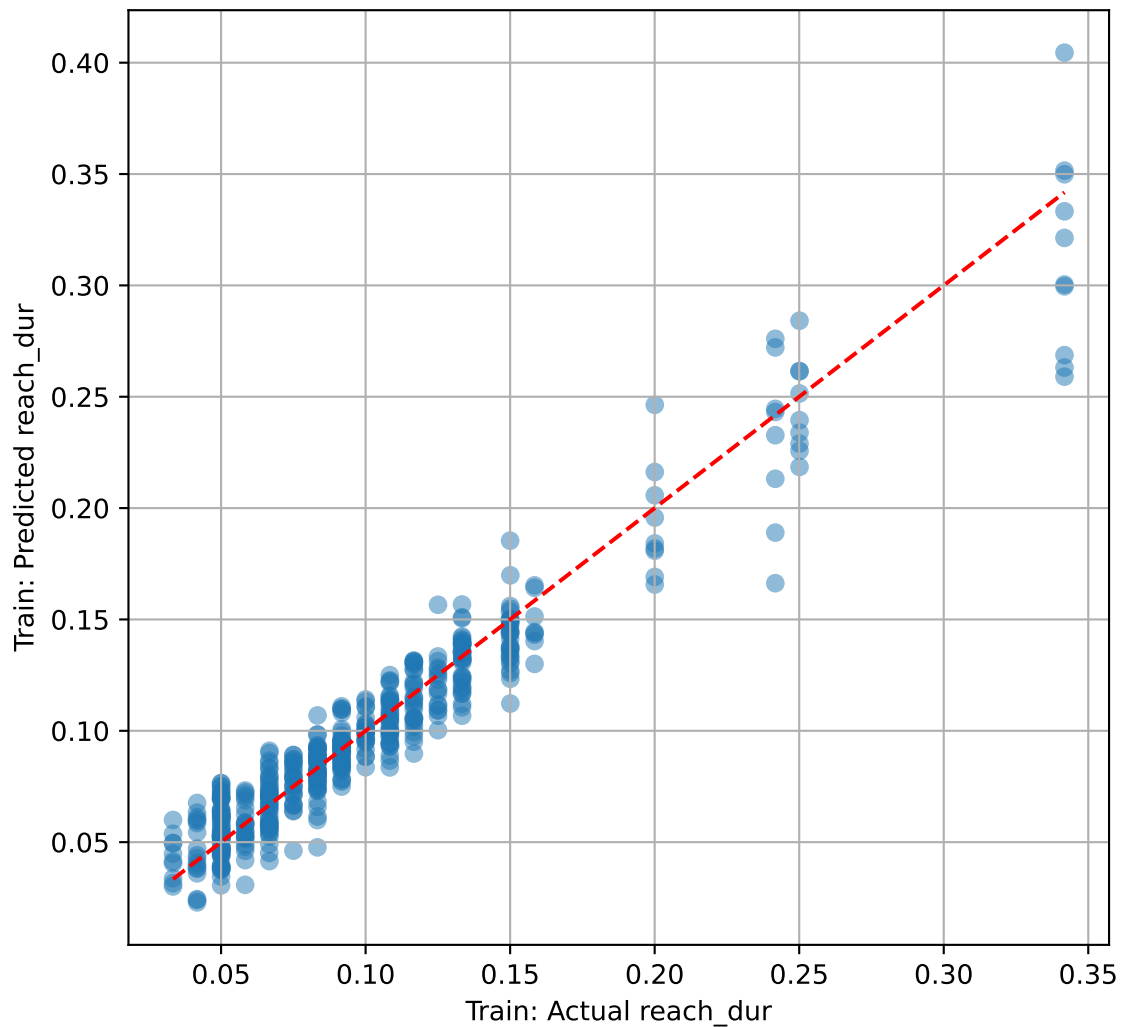


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

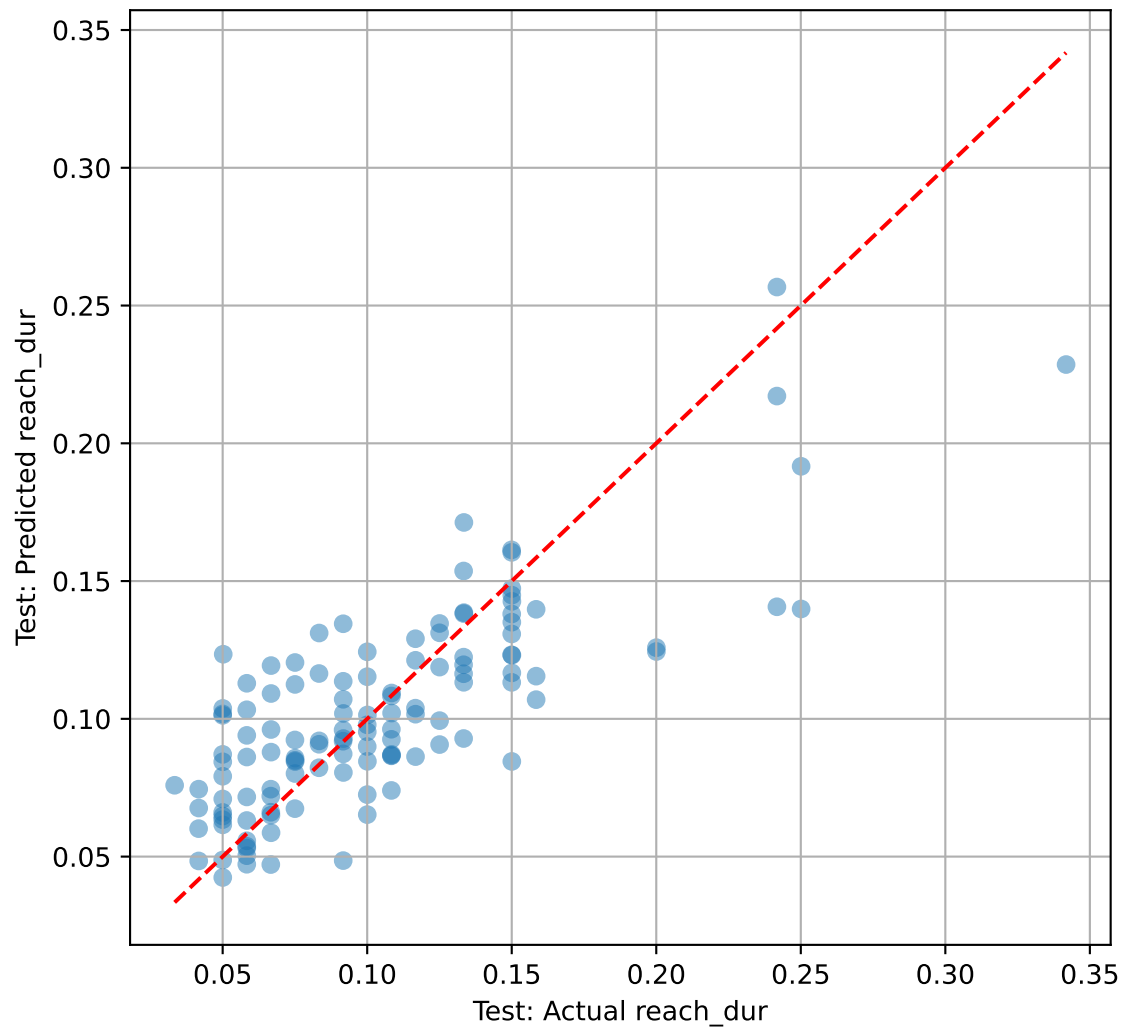


**sub-142**

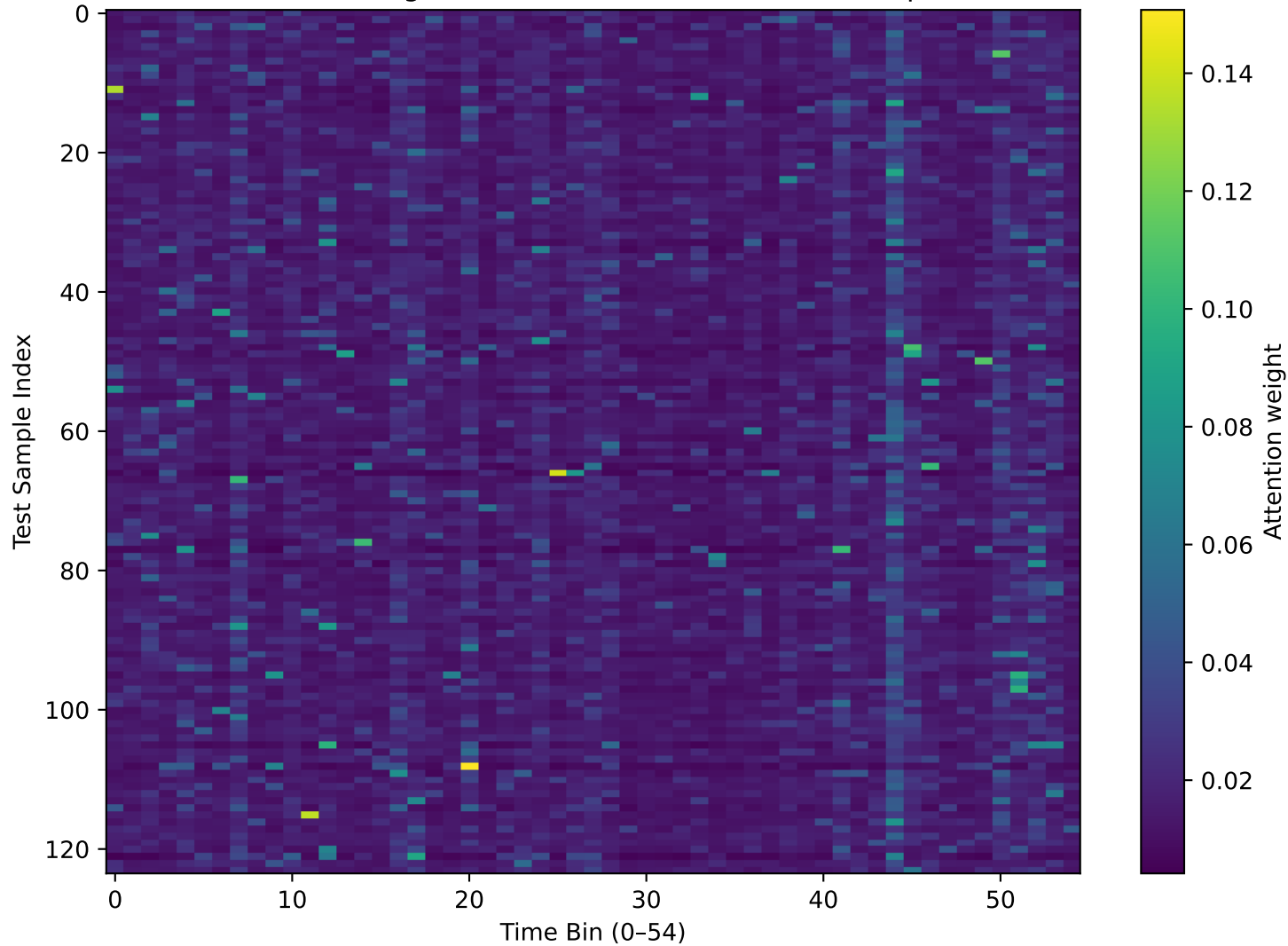
Train: Epoch 974  
MSE: 0.0723, R2: 0.9302



Val: Epoch 974  
MSE: 0.3305, R2: 0.6146

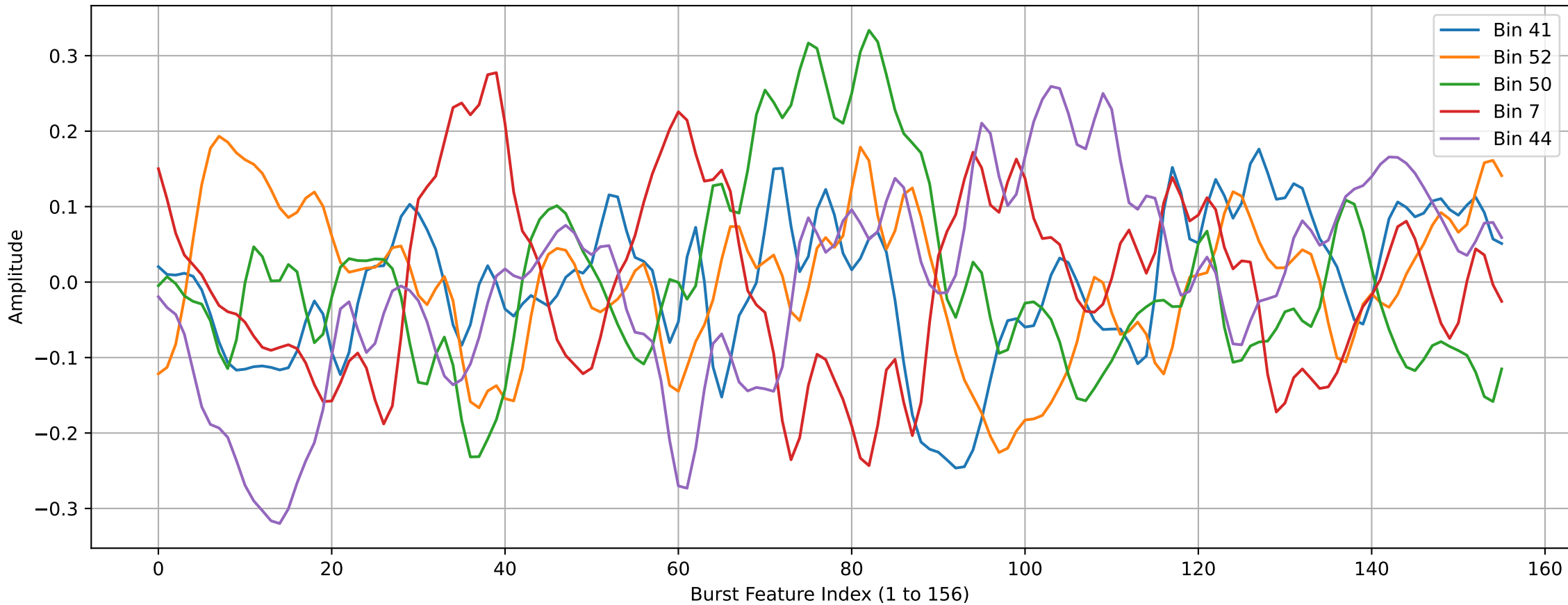


Attention Weights Across Time Bins (All Test Samples)

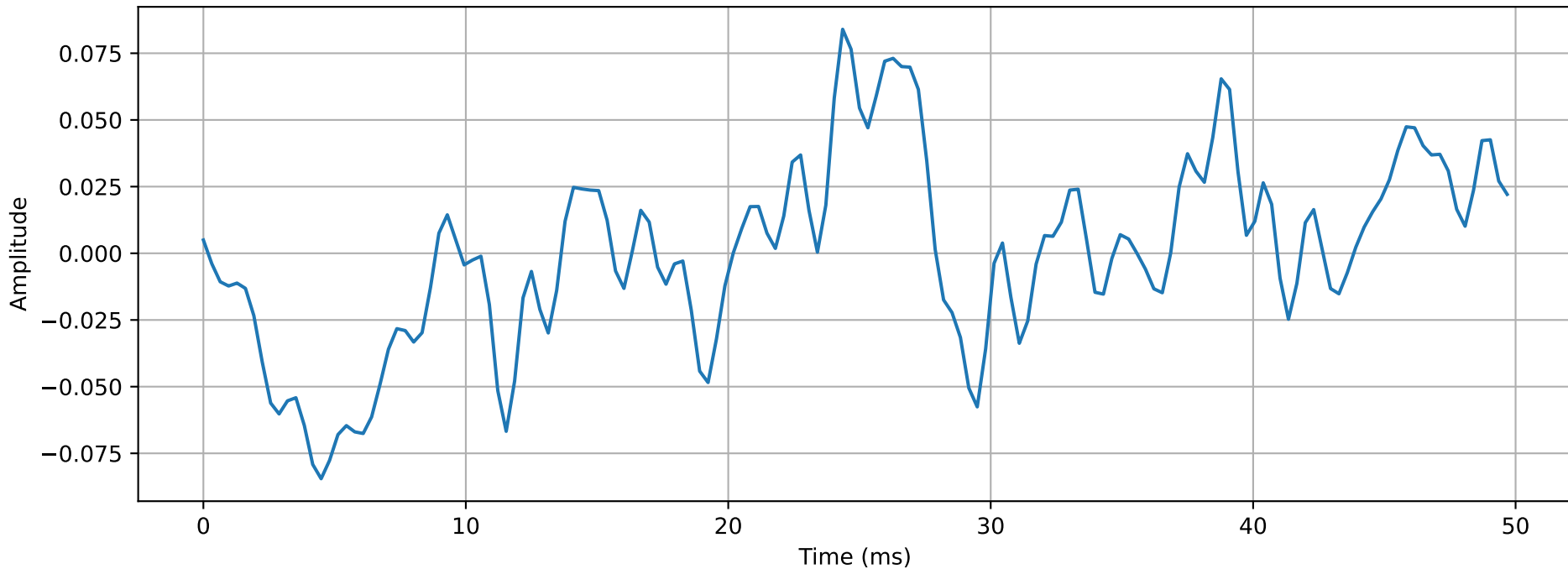




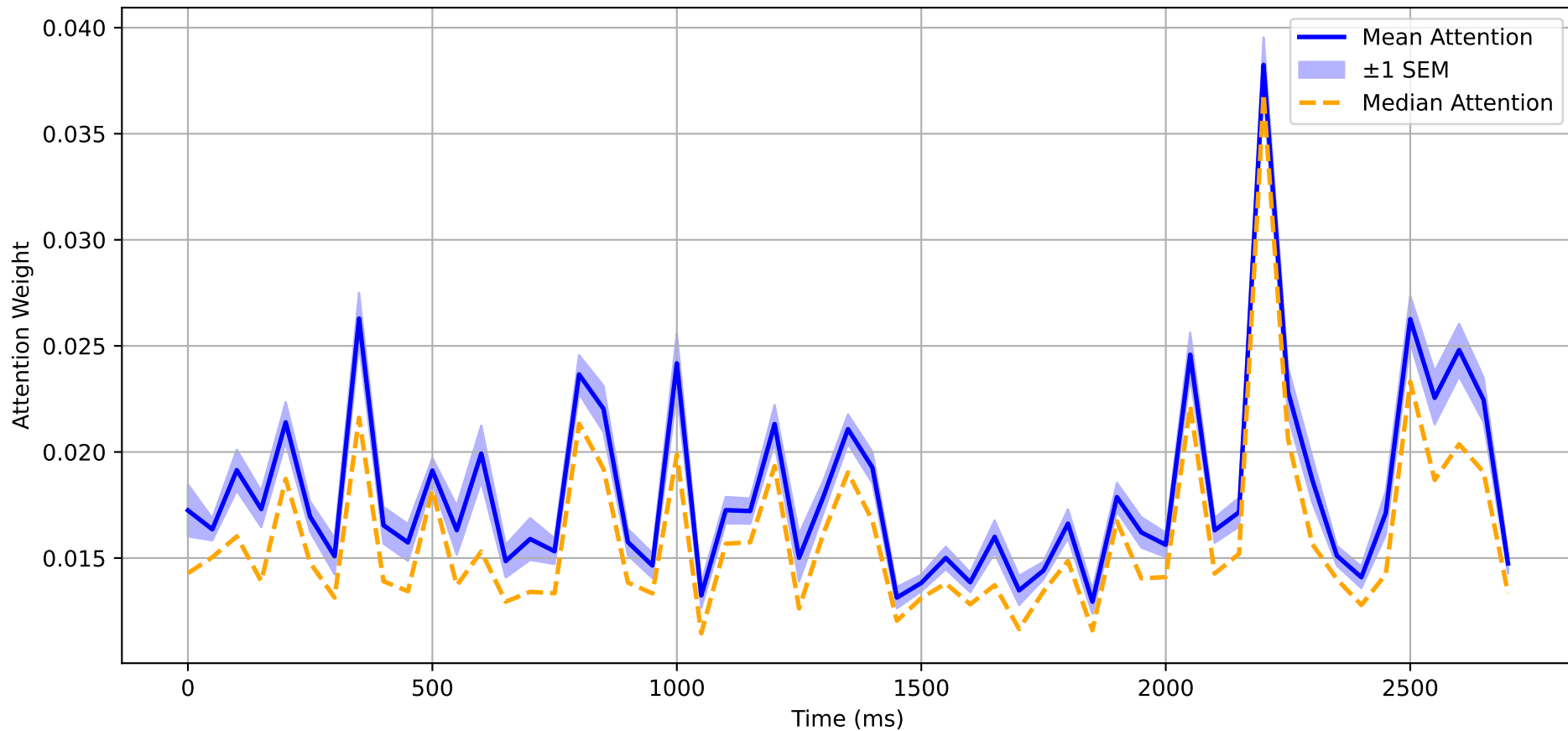
Waveform Shapes for Top Attention Bins (All Test Samples)



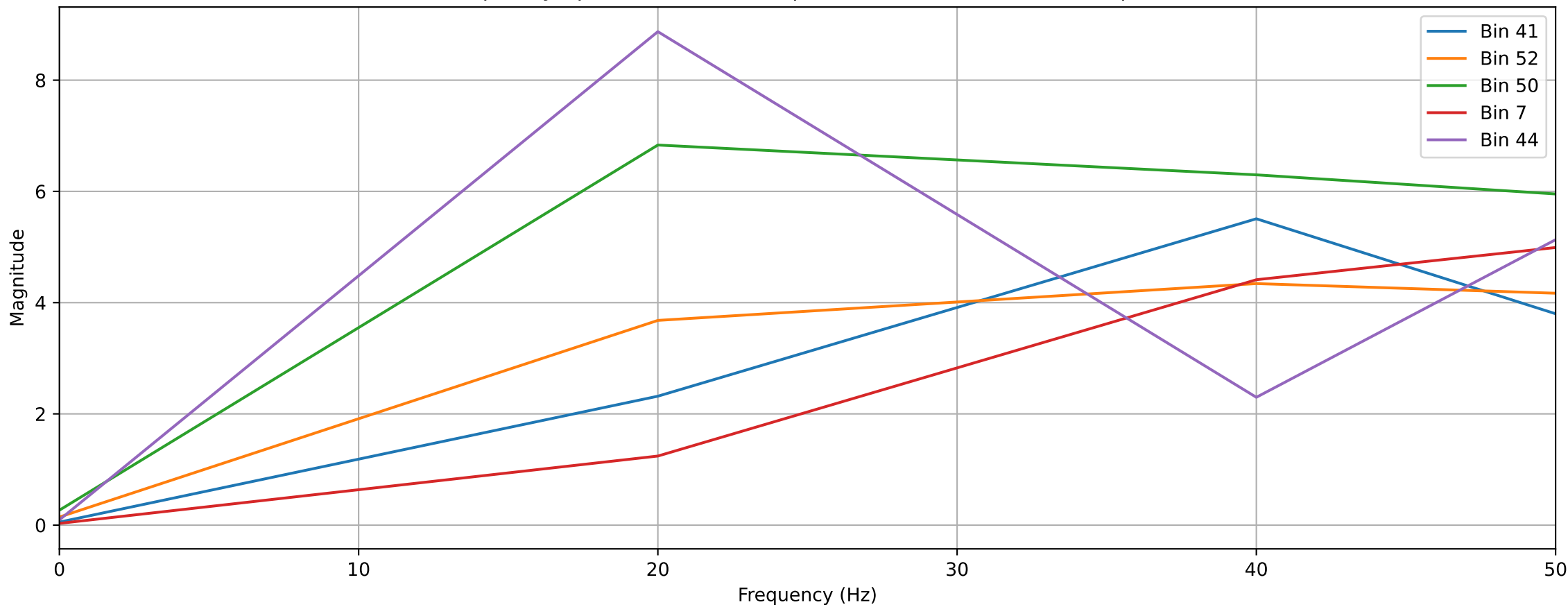
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

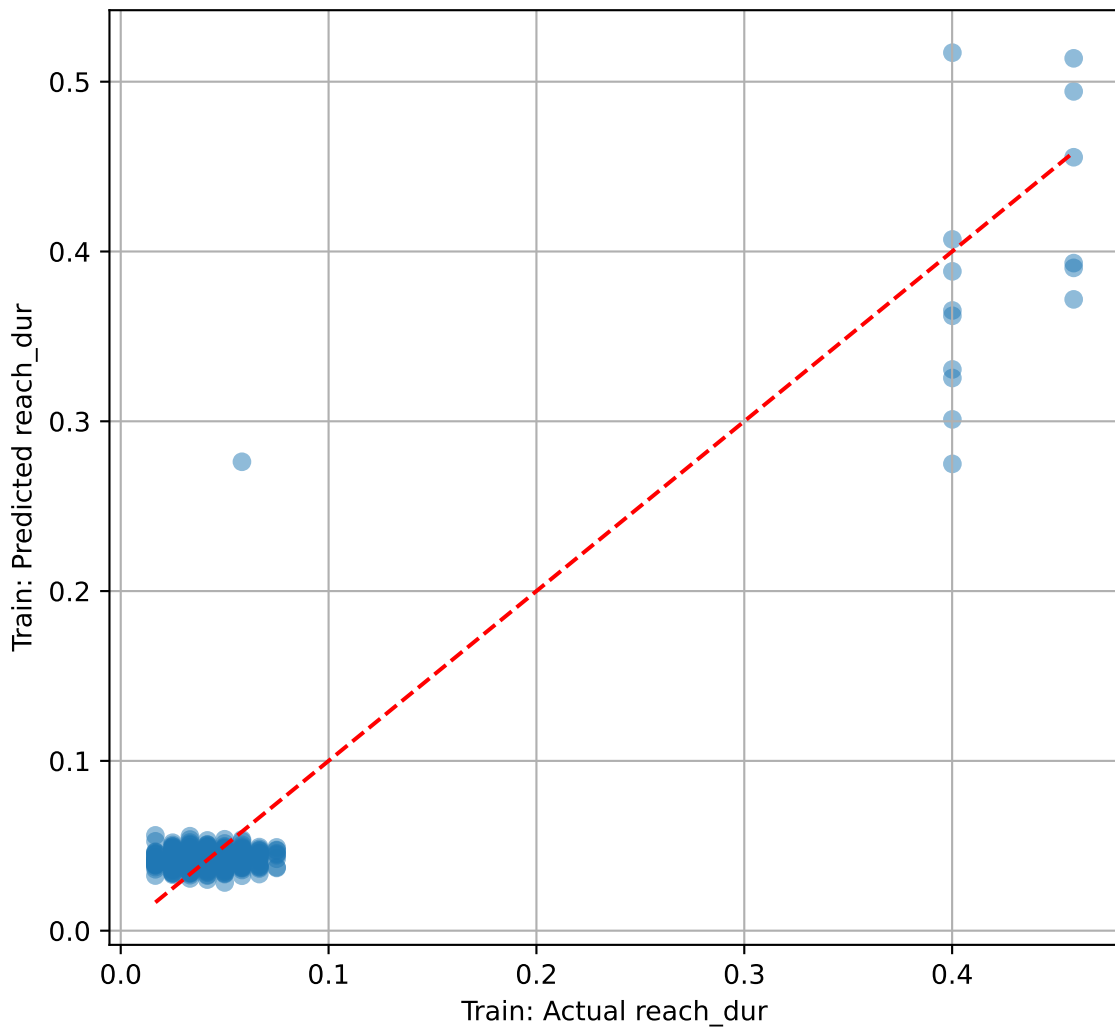


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

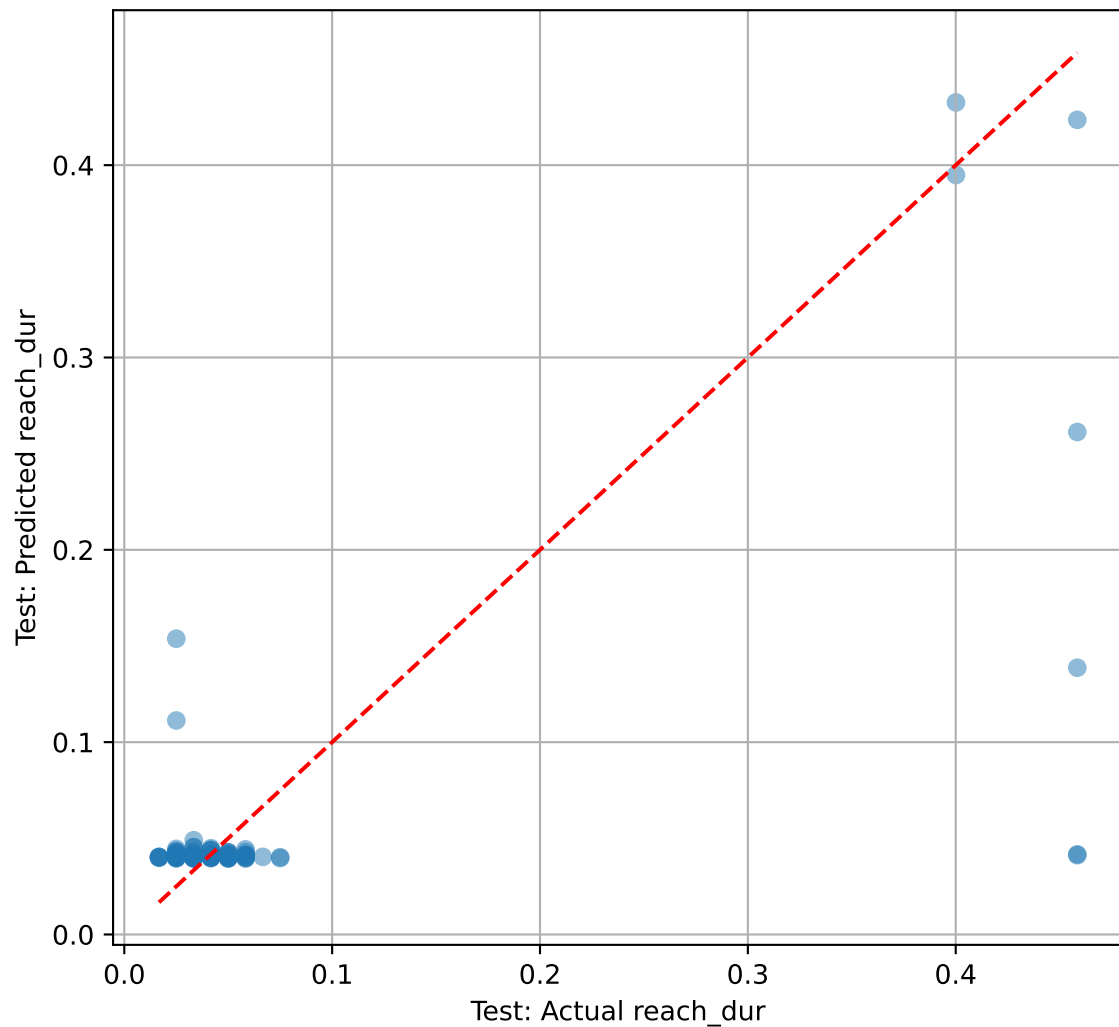


**sub-143**

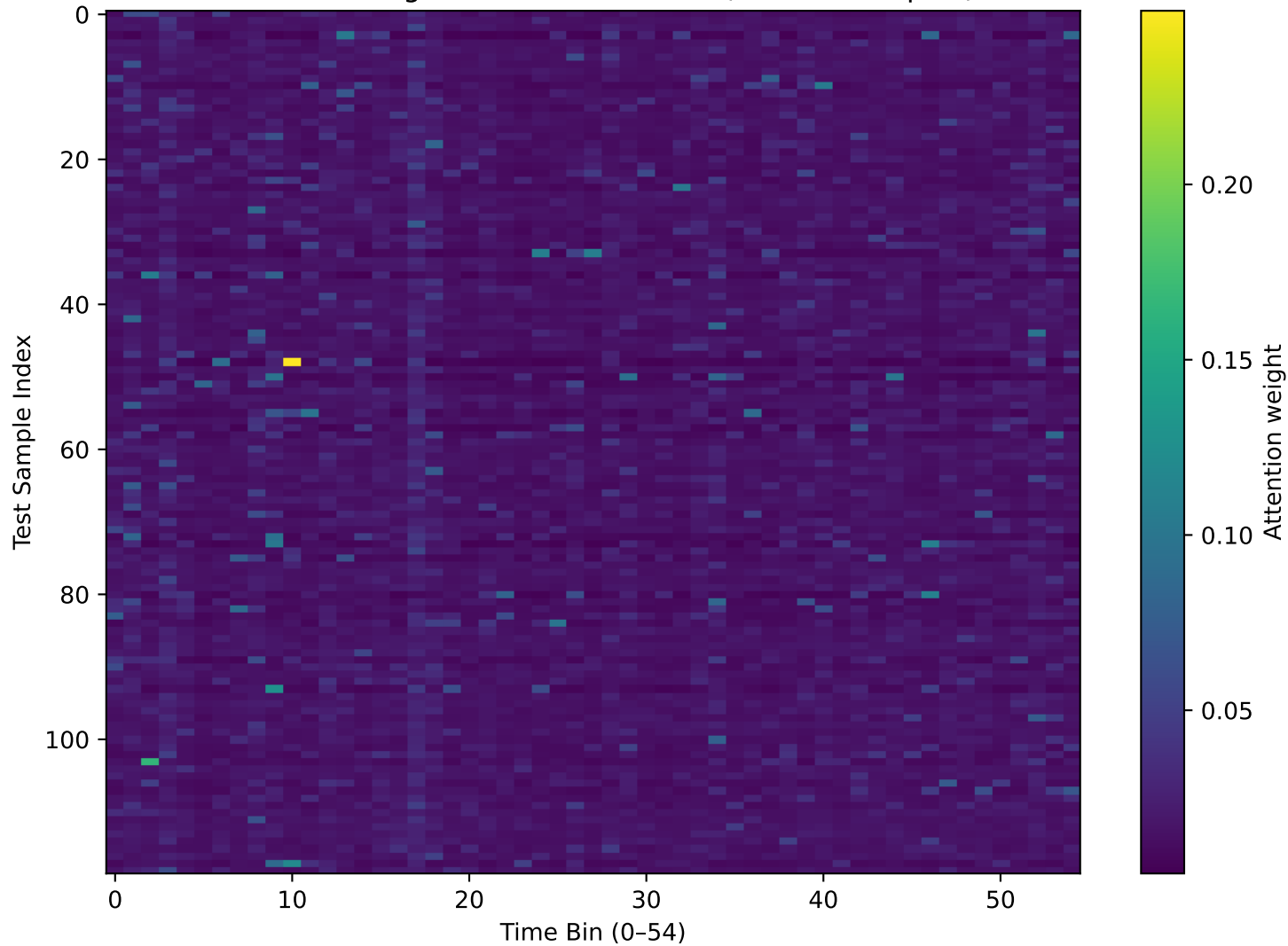
Train: Epoch 456  
MSE: 0.0809, R2: 0.9034



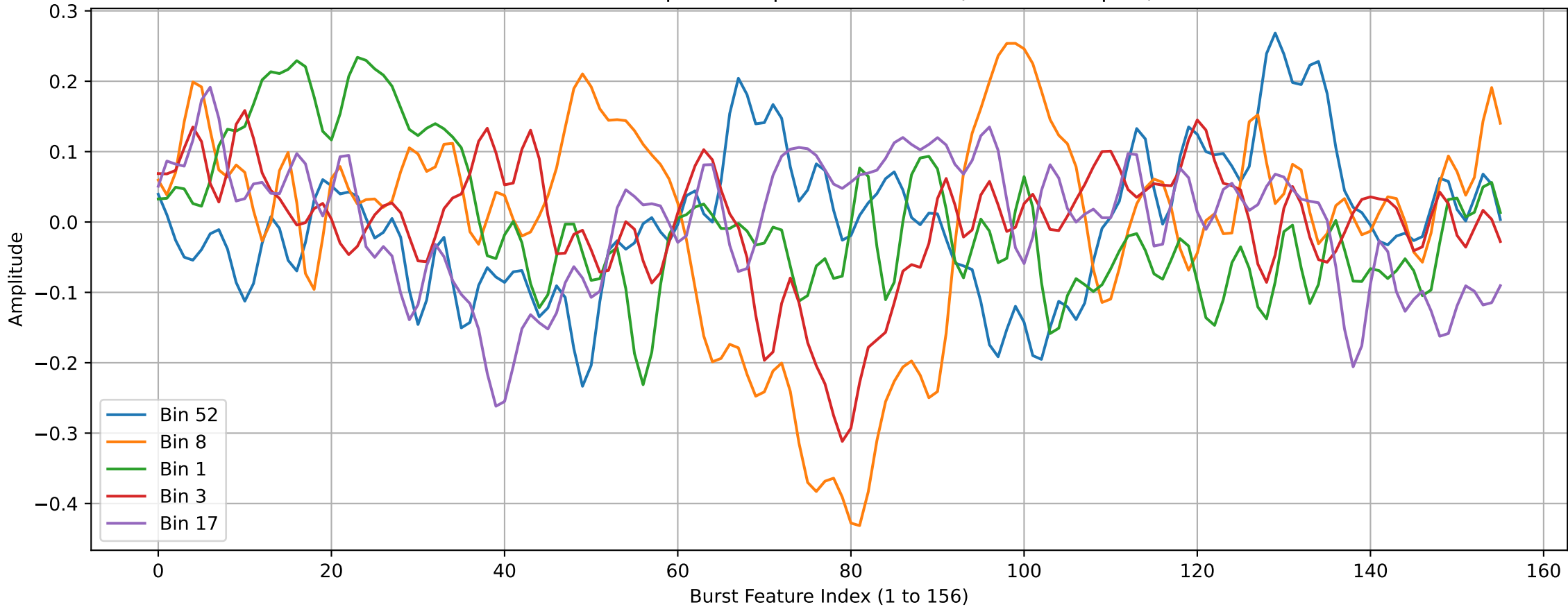
Val: Epoch 456  
MSE: 0.7993, R2: 0.5103



Attention Weights Across Time Bins (All Test Samples)

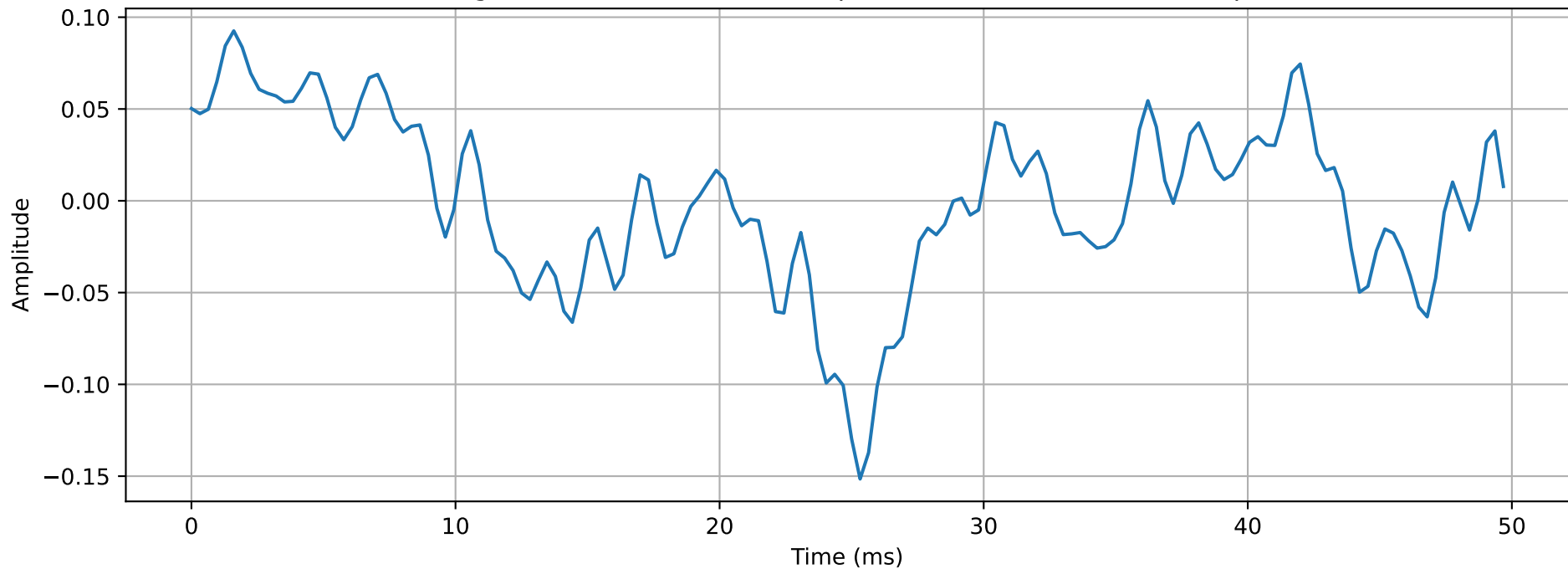


Waveform Shapes for Top Attention Bins (All Test Samples)

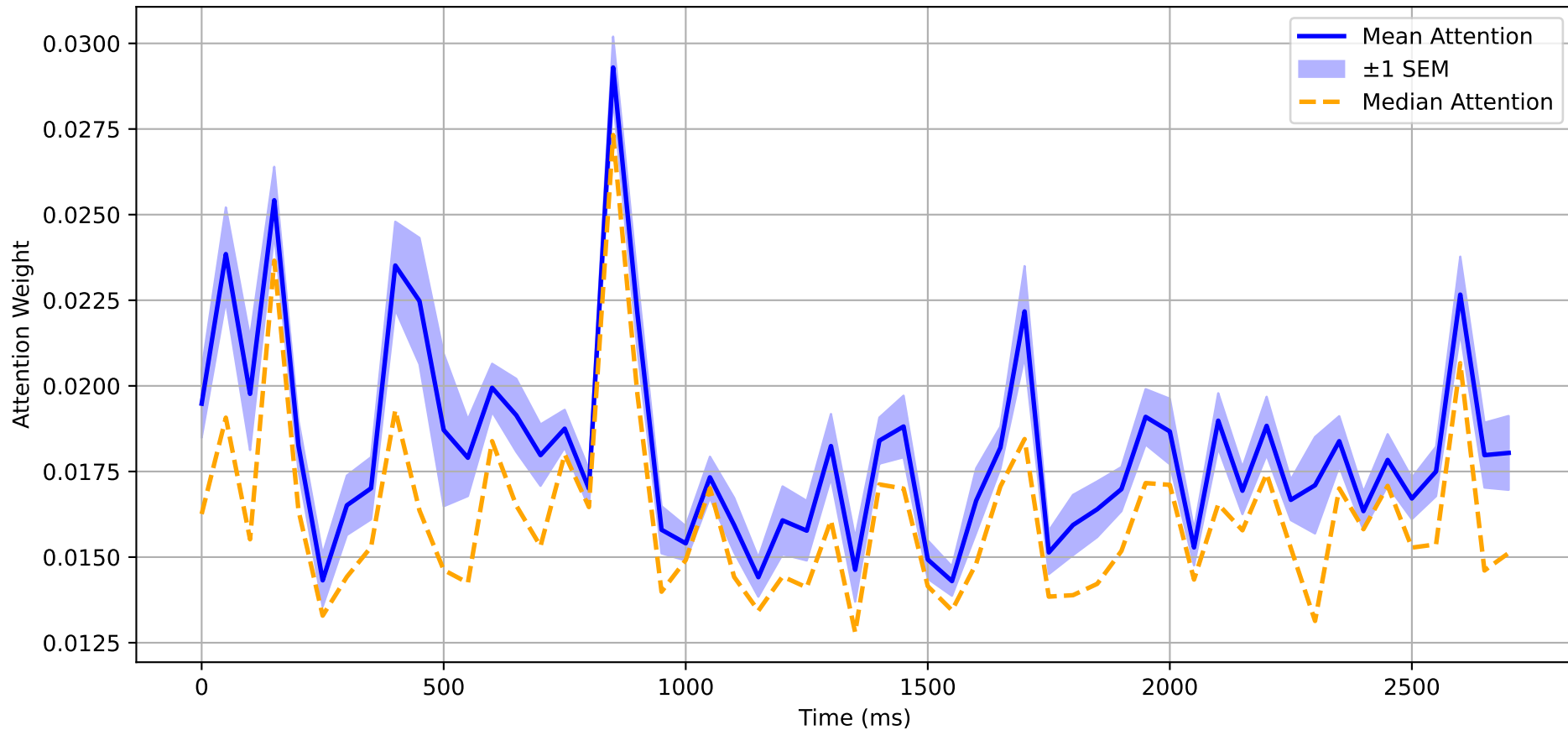




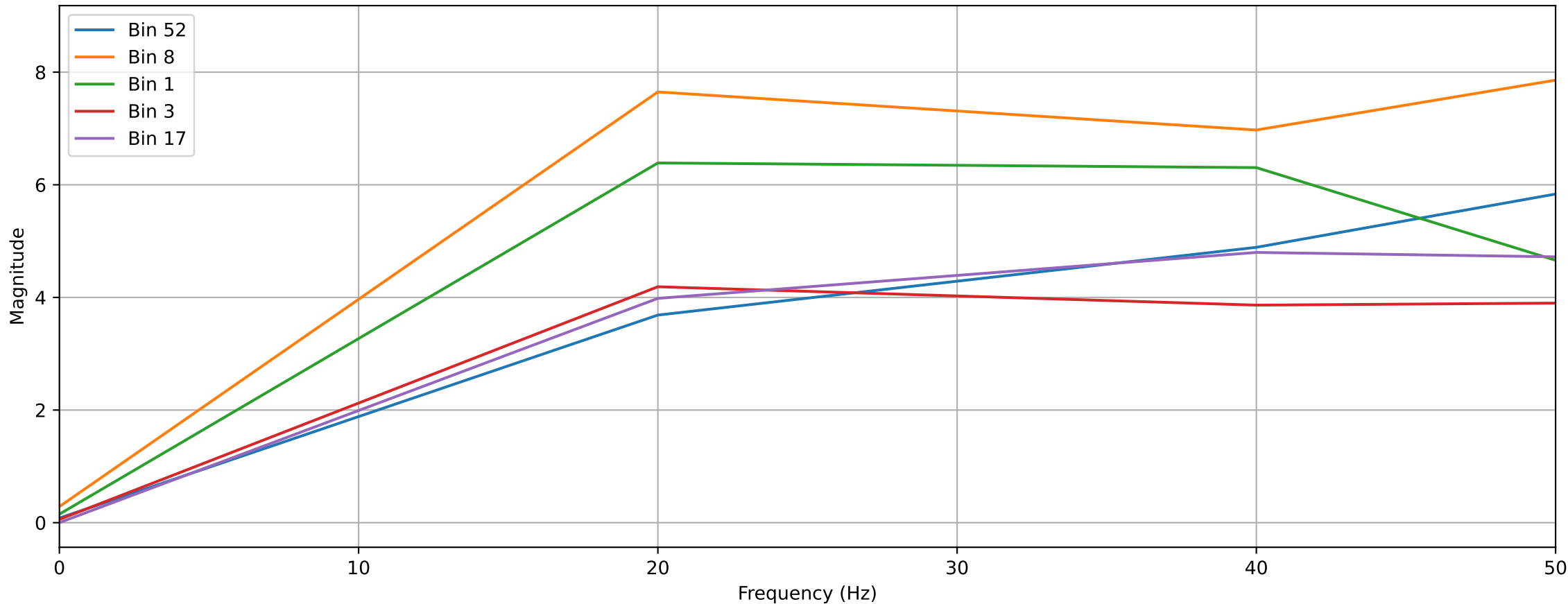
Average Burst Waveform from Top Attention Bins (All Test Samples)



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

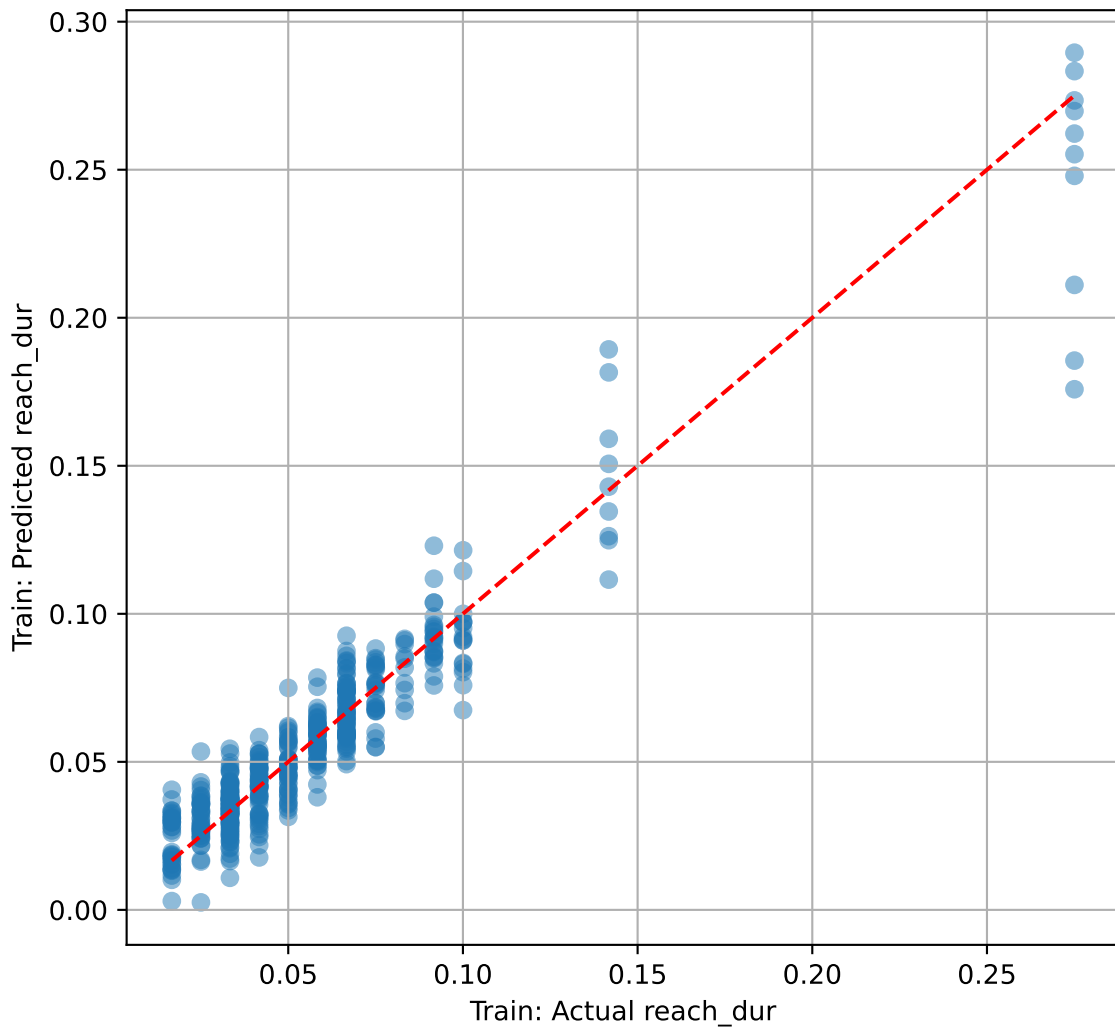


Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)

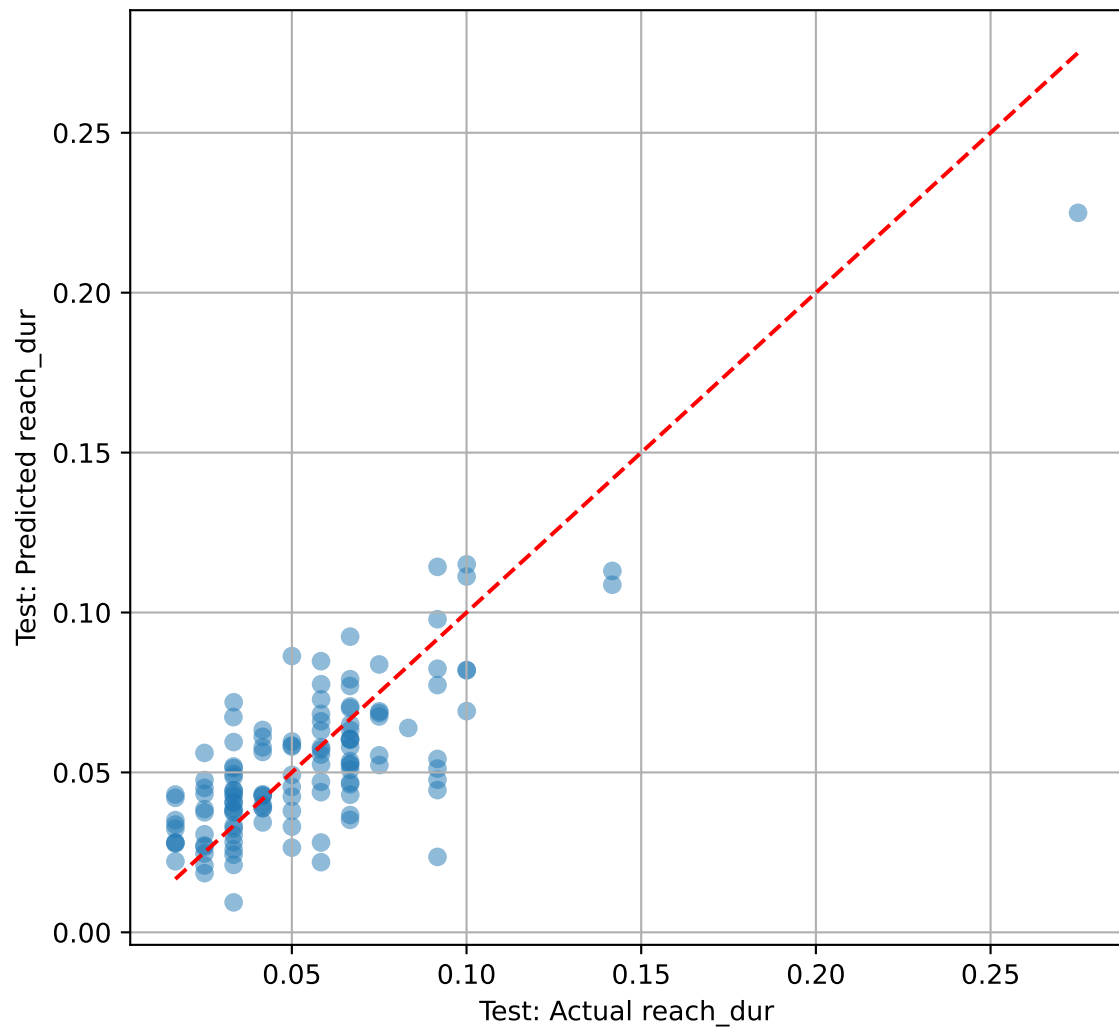


**sub-144**

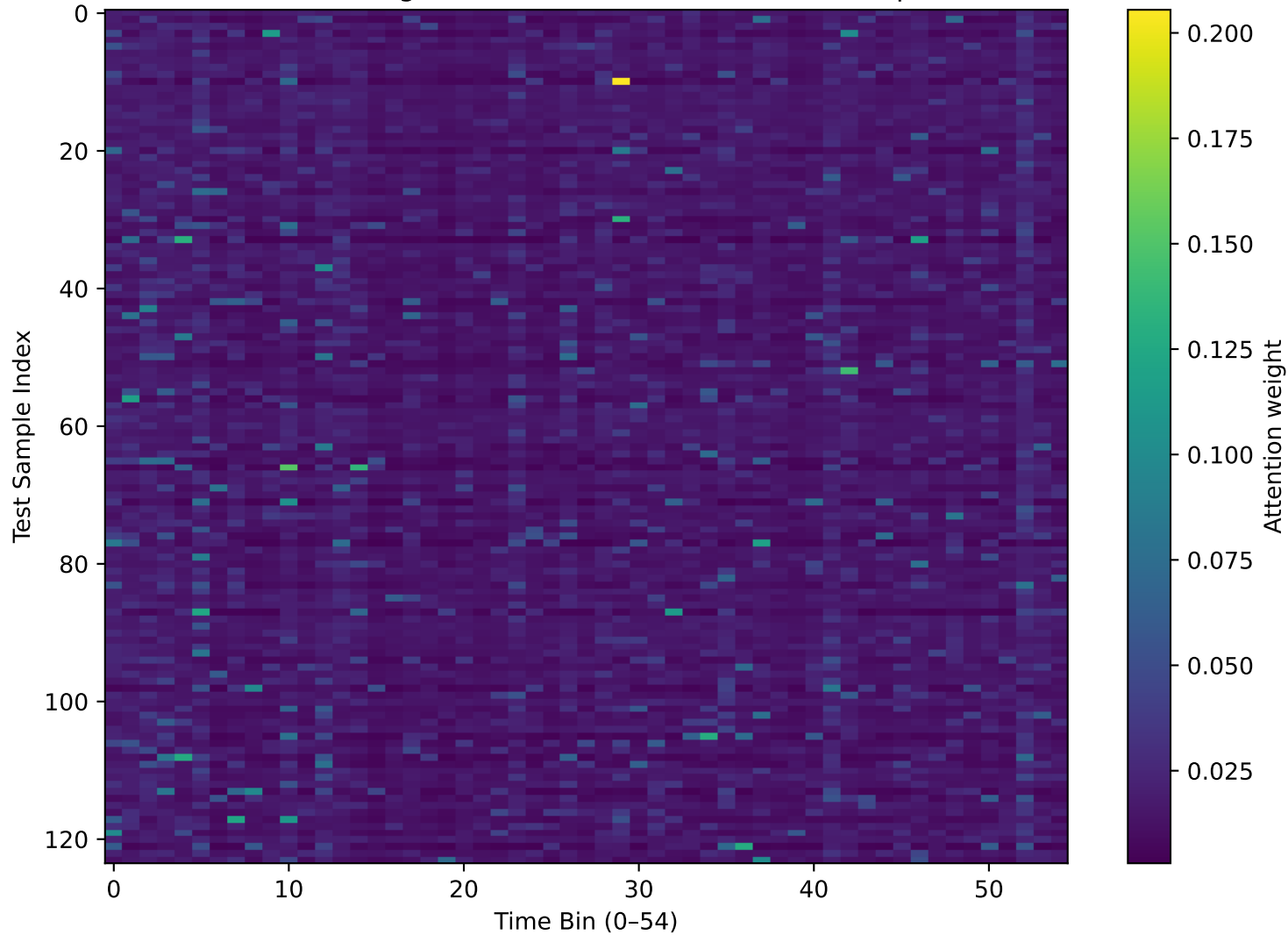
Train: Epoch 975  
MSE: 0.0958, R2: 0.9110



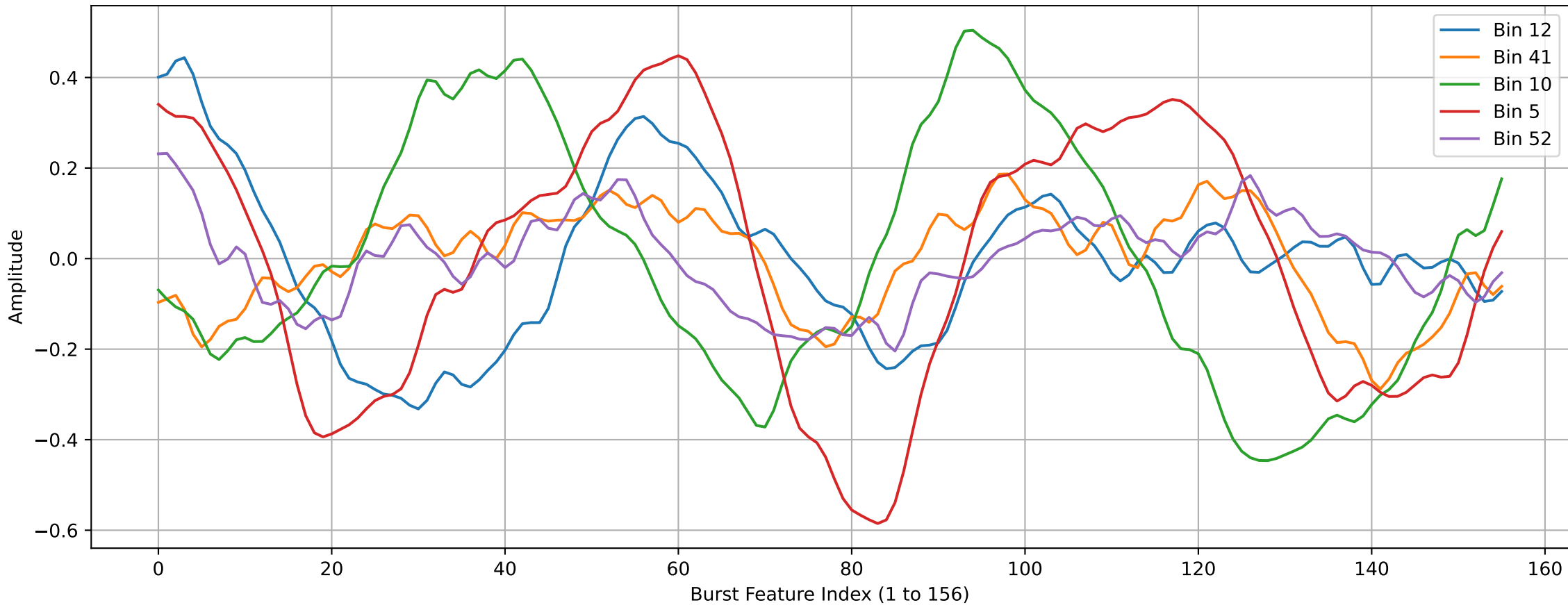
Val: Epoch 975  
MSE: 0.2434, R2: 0.6505



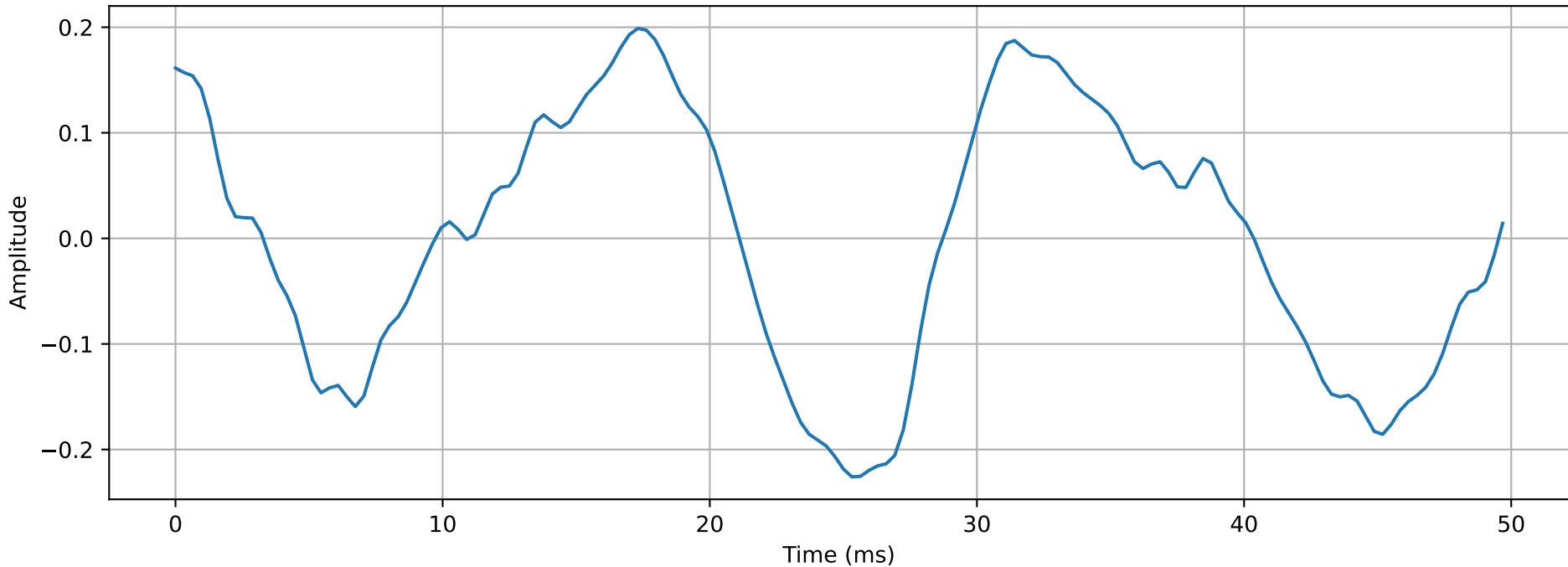
Attention Weights Across Time Bins (All Test Samples)



Waveform Shapes for Top Attention Bins (All Test Samples)

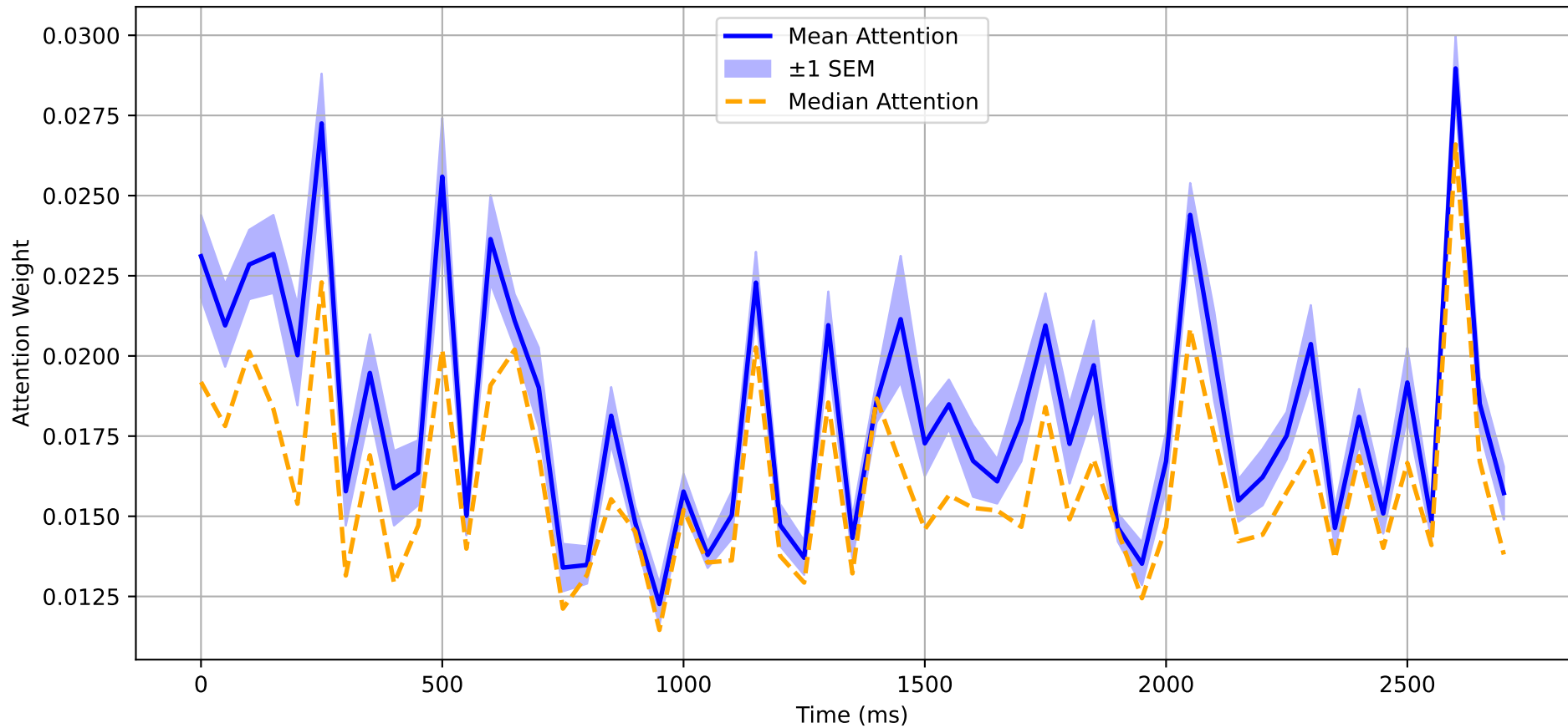


Average Burst Waveform from Top Attention Bins (All Test Samples)

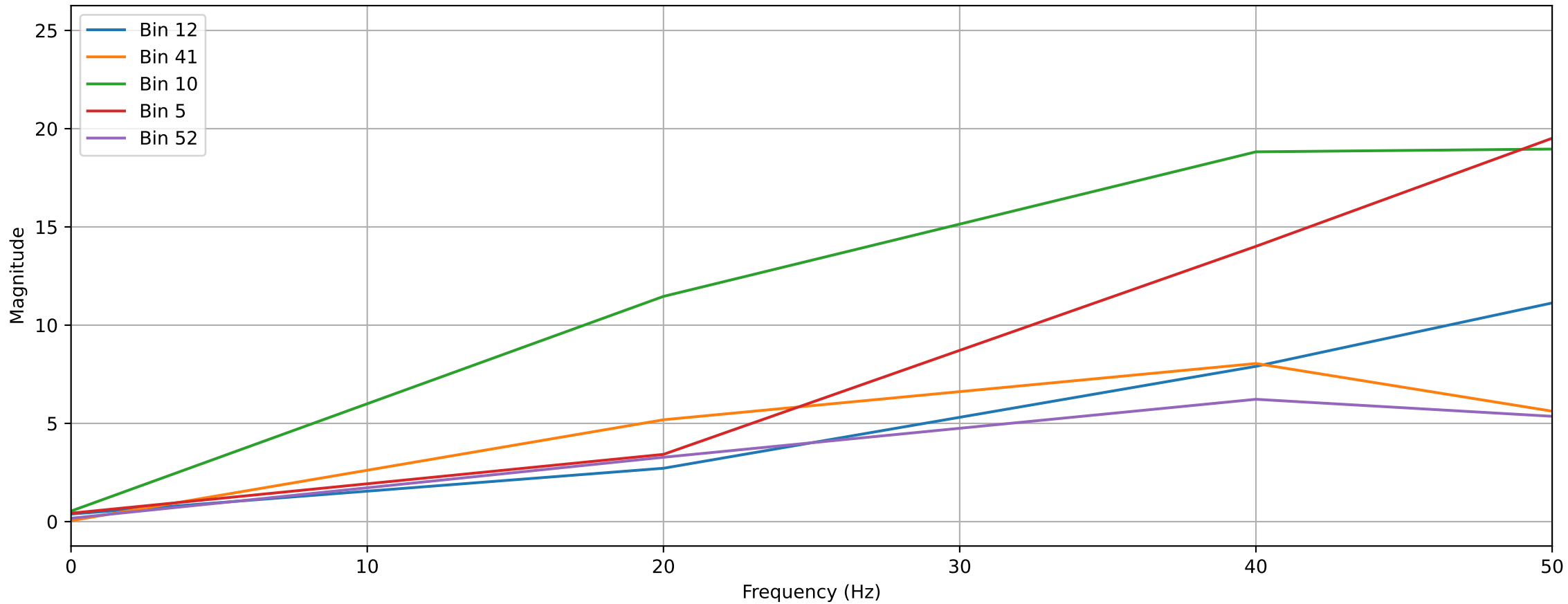




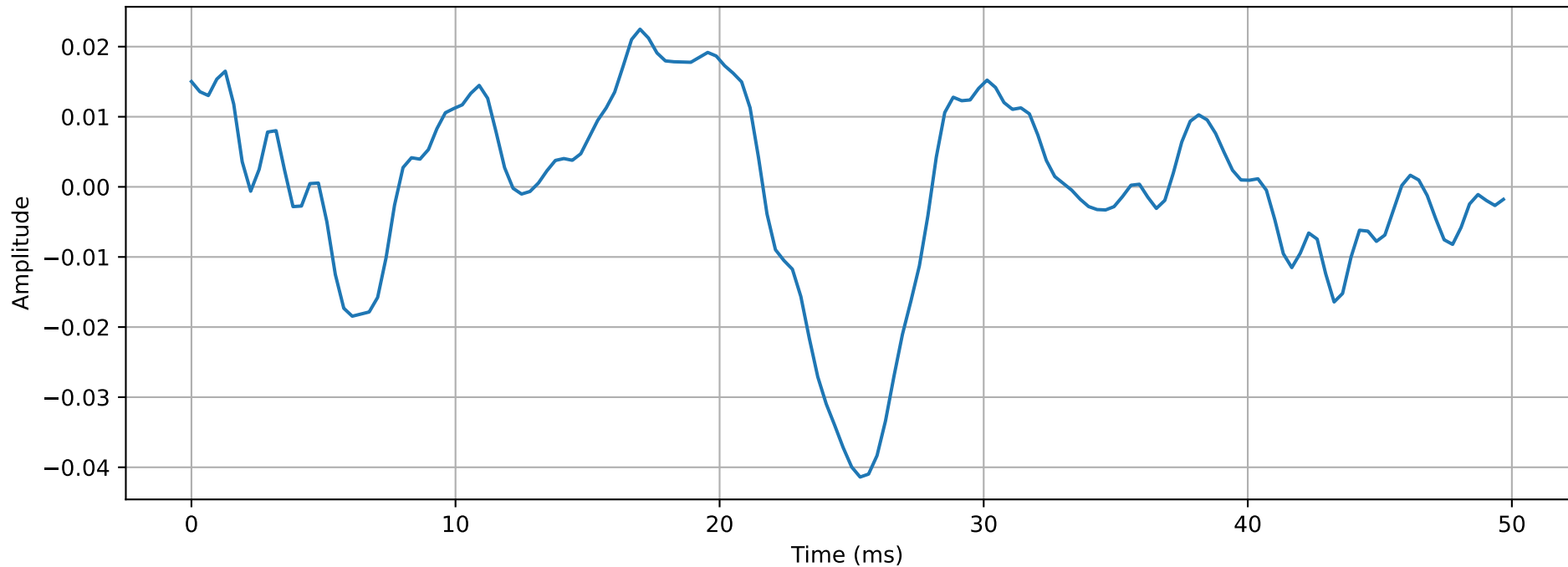
Mean & Median Attention Weights  $\pm$  SEM (This Subject)



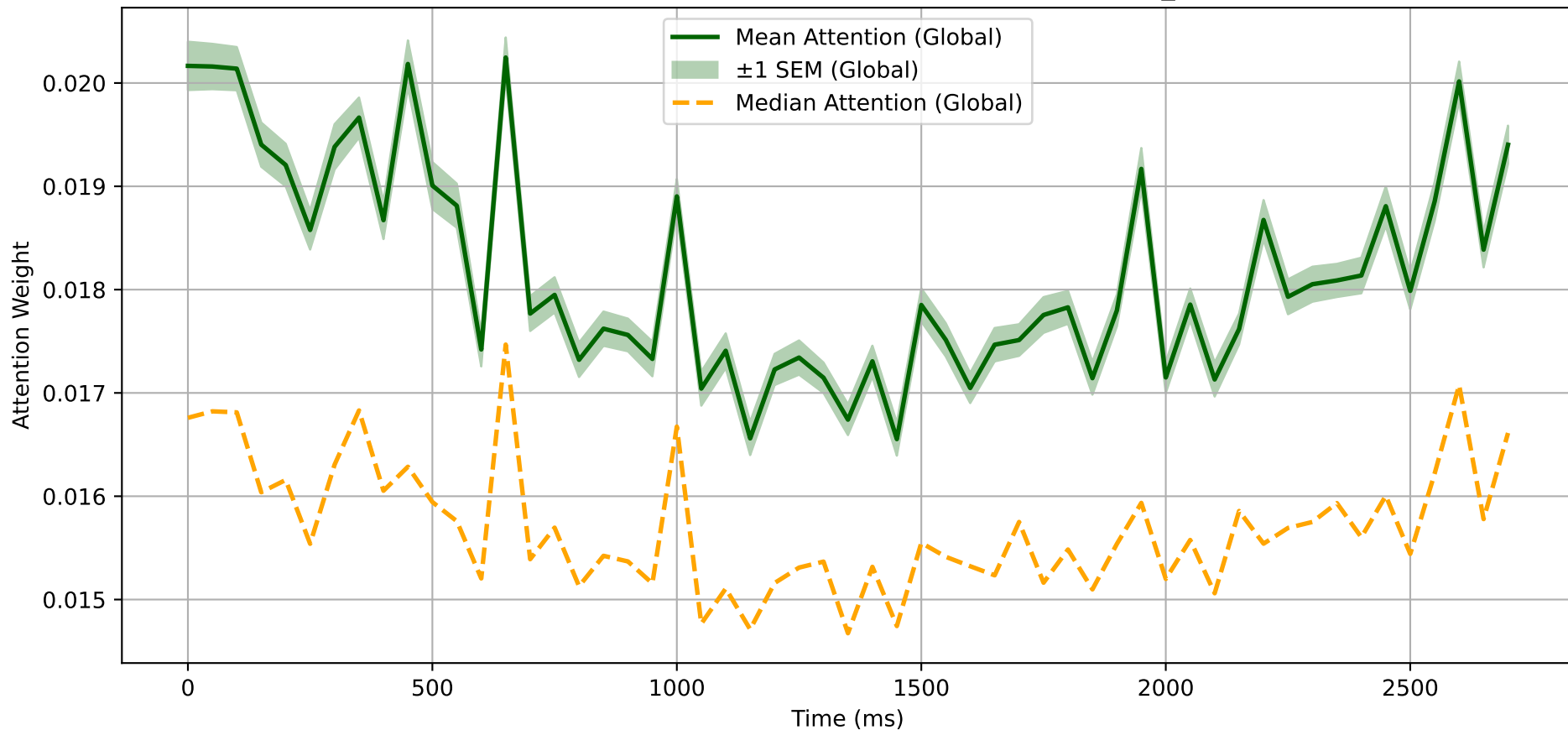
Frequency Spectrum (FFT) of Top Attention Bins (All Test Samples)



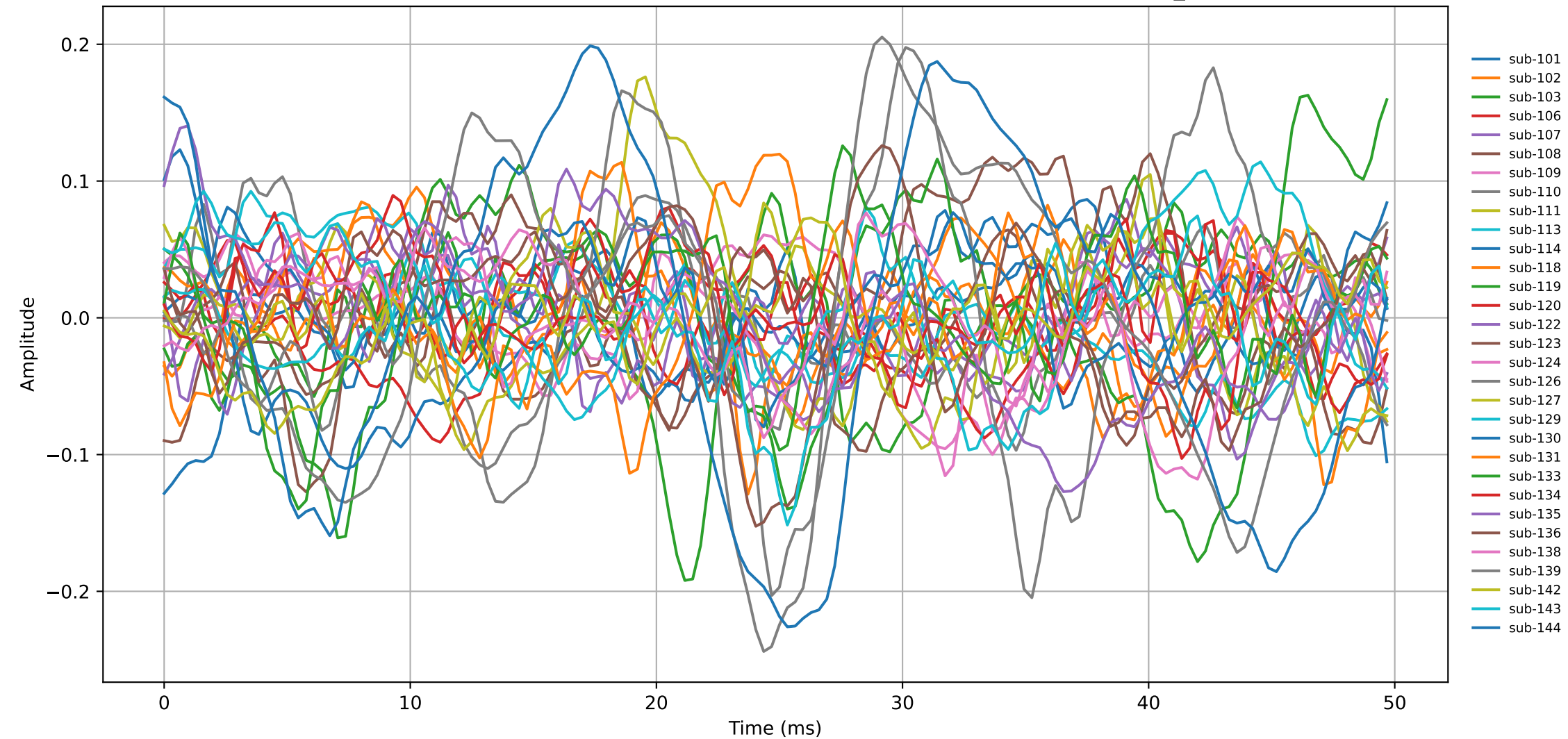
Global Average Burst Waveform — reach\_dur



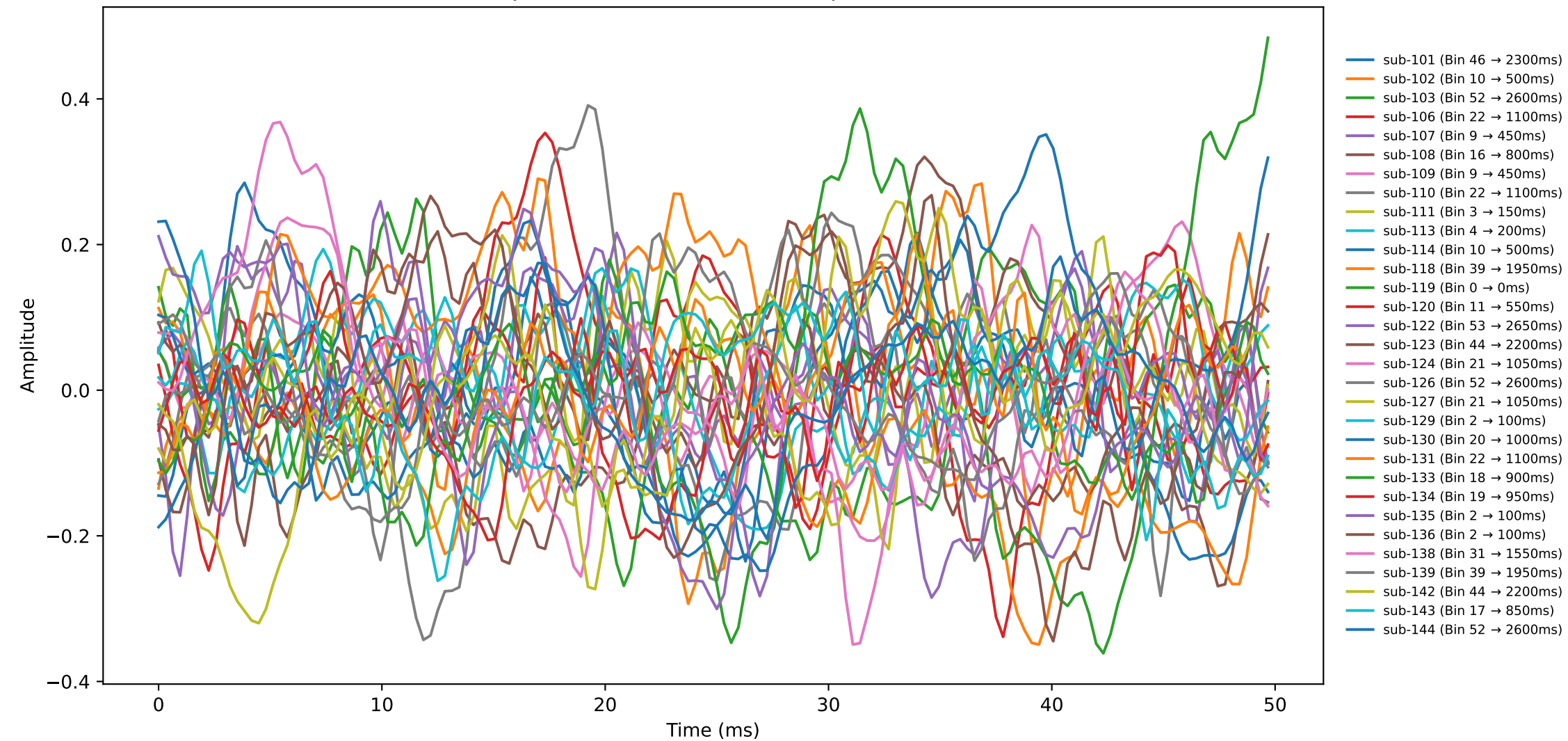
Global Attention Weights  $\pm$  SEM & Median — reach\_dur



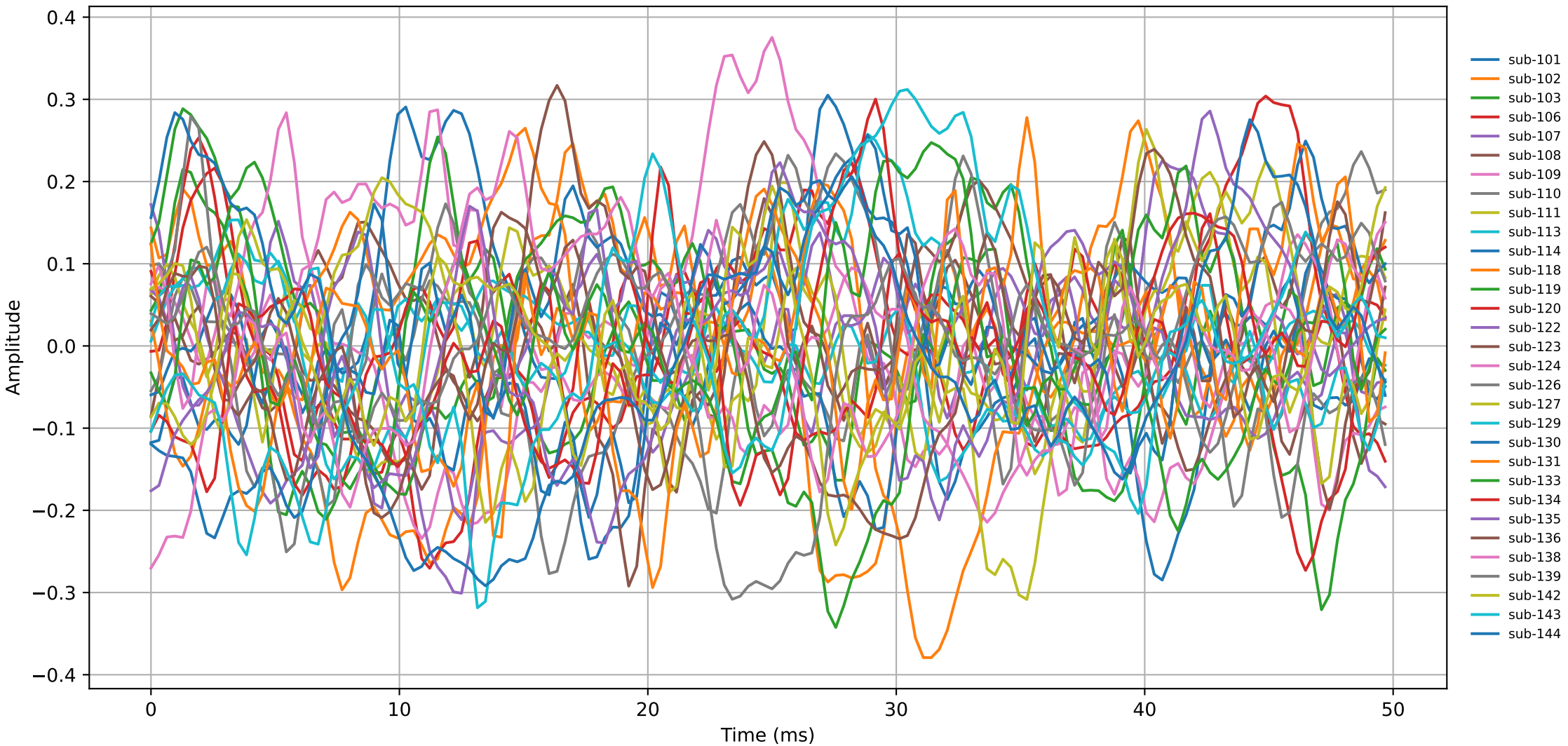
Per-Subject Burst Waveforms (avg waveform across top 5 att. bins) — reach\_dur



Per-Subject Burst Waveform from Top Attention Bin



Per-Subject Waveform from Global Top Attention Bin 13 (650–700 ms)





Per-Subject Attention Weights — reach\_dur

