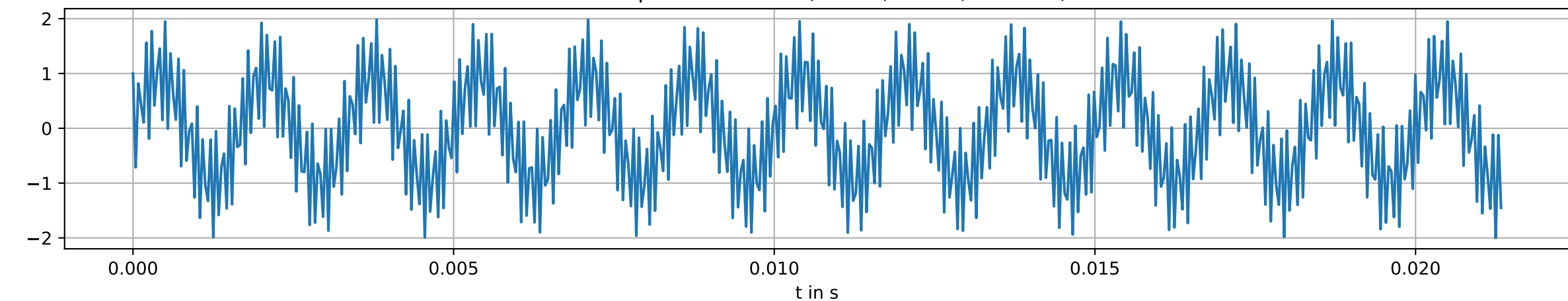
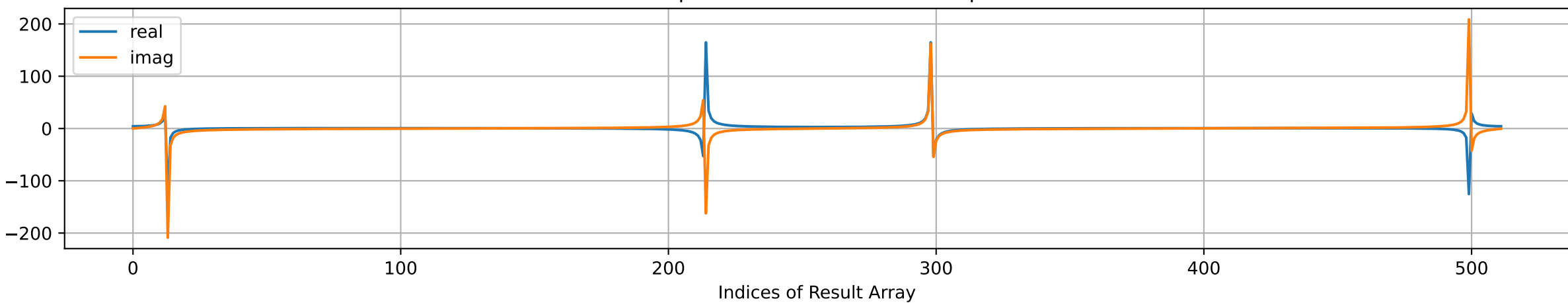
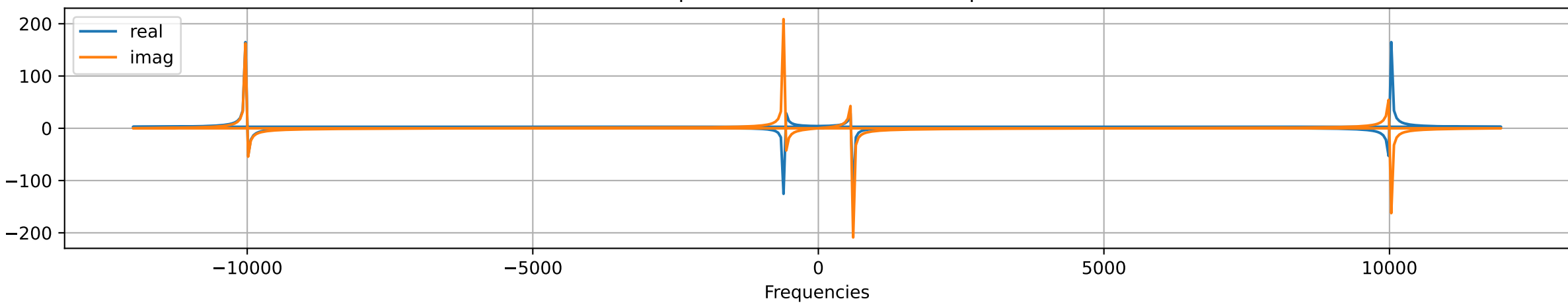


Real Input Function $\sin(600\text{Hz}) + \cos(10000\text{Hz})$ 

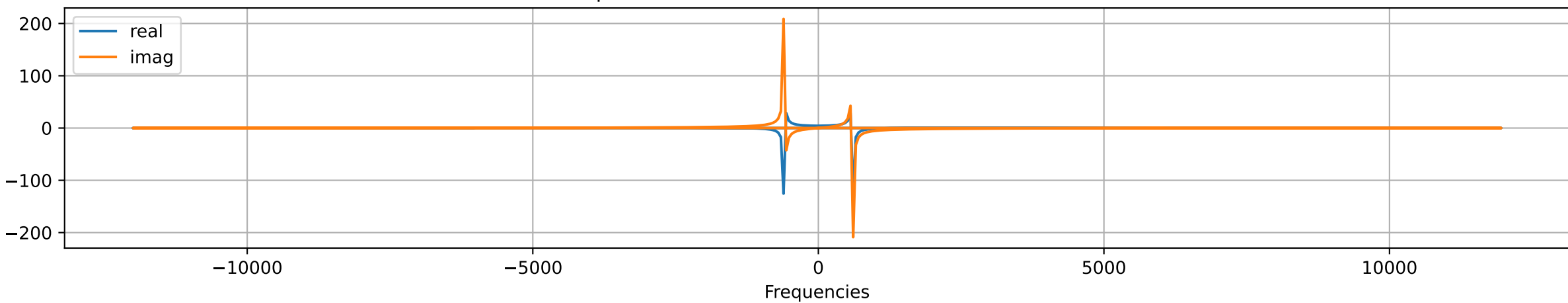
Complex Fourier Transform of Input



Complex Fourier Transform of Input



Complex Fourier Transform, Values > 5kHz set to 0



Inverse Fourier Transform of trimmed Fourier Transform

