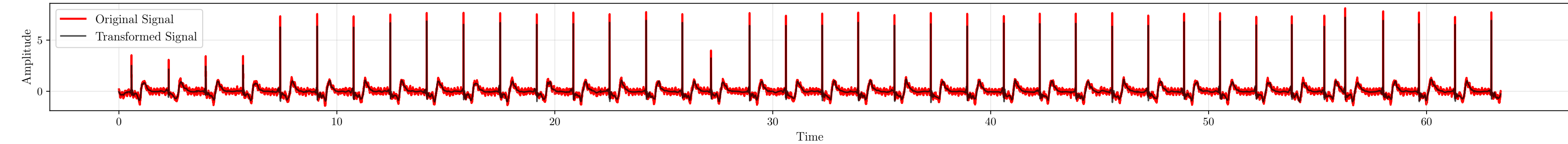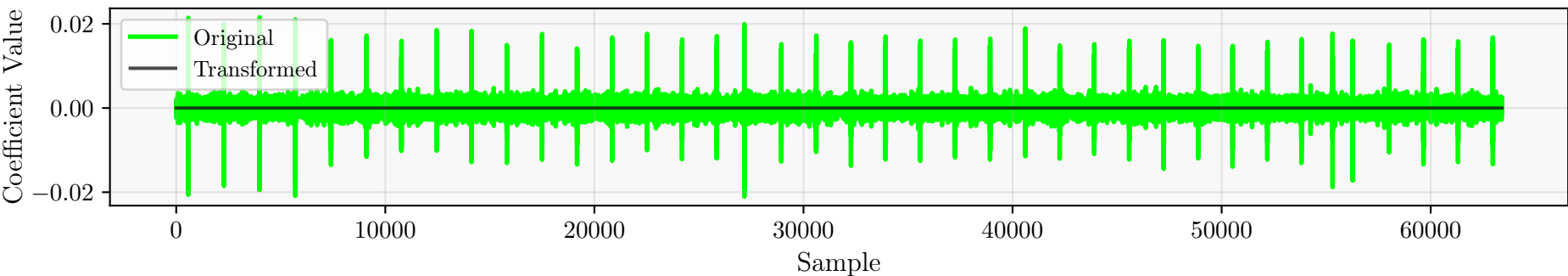Wavelet Decomposition
[db4, sampling rate=2000.0 Hz]
with dft_transform transformation

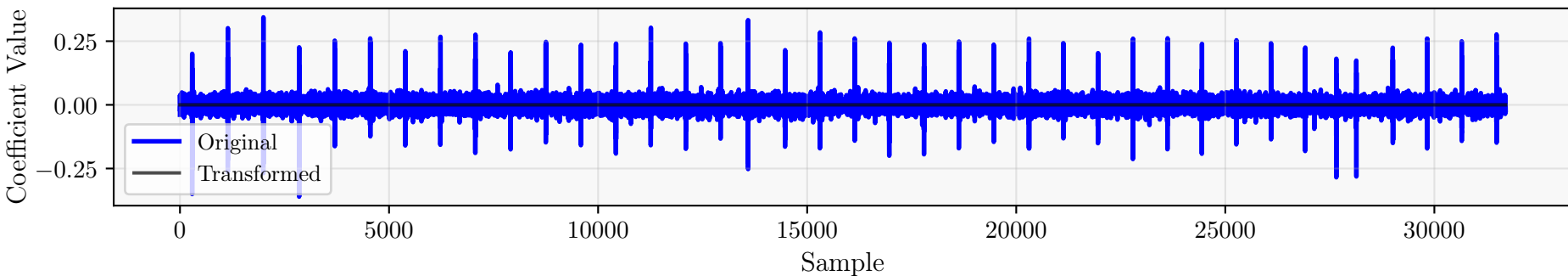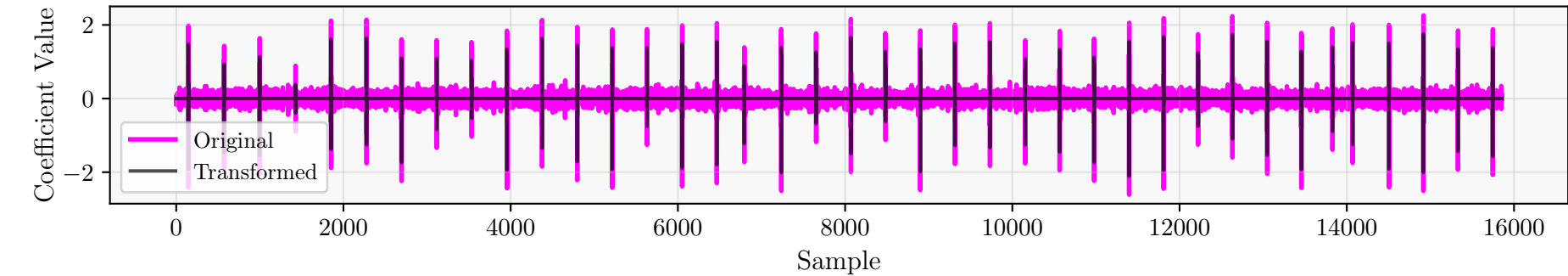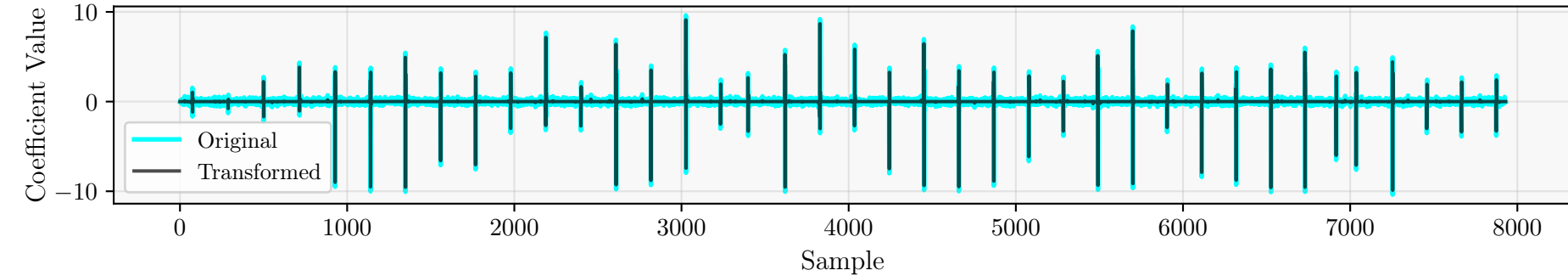MEA Signal

Detail Level 1
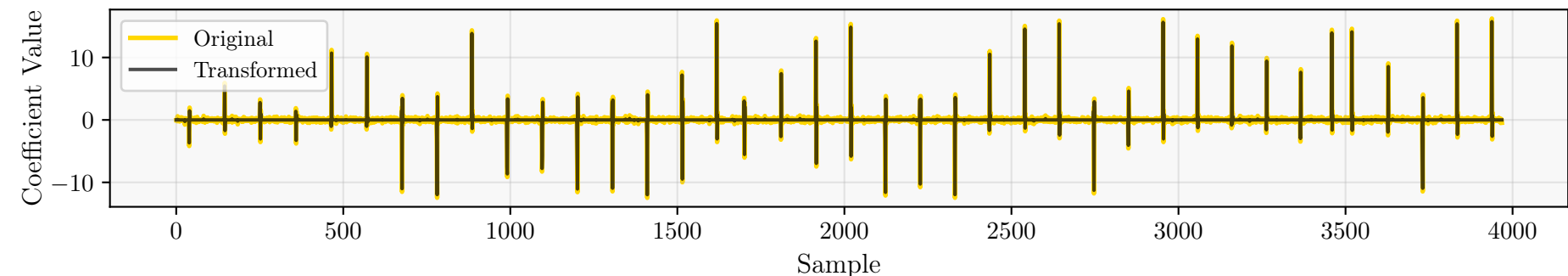[500.0-1000.0 Hz]

Detail Level 2
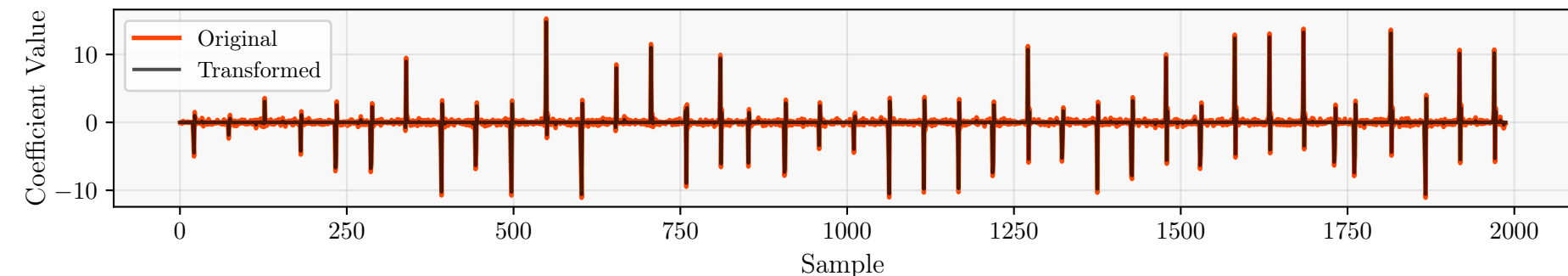[250.0-500.0 Hz]

Detail Level 3
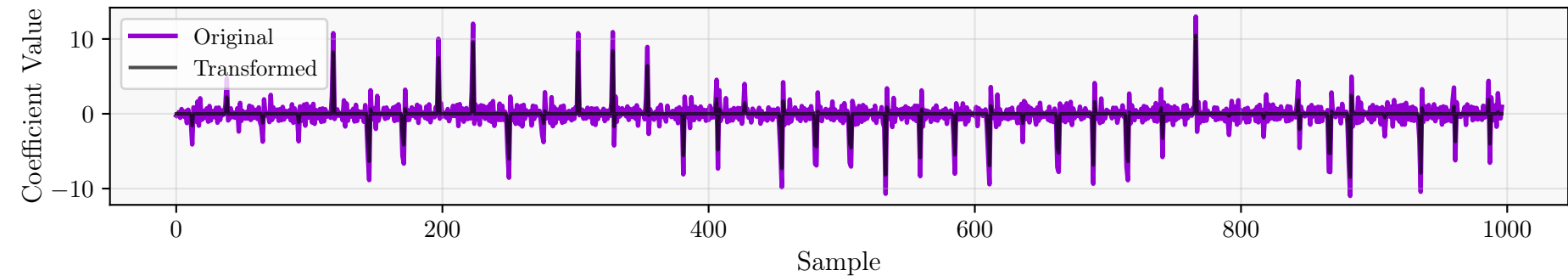[125.0-250.0 Hz]

Detail Level 4
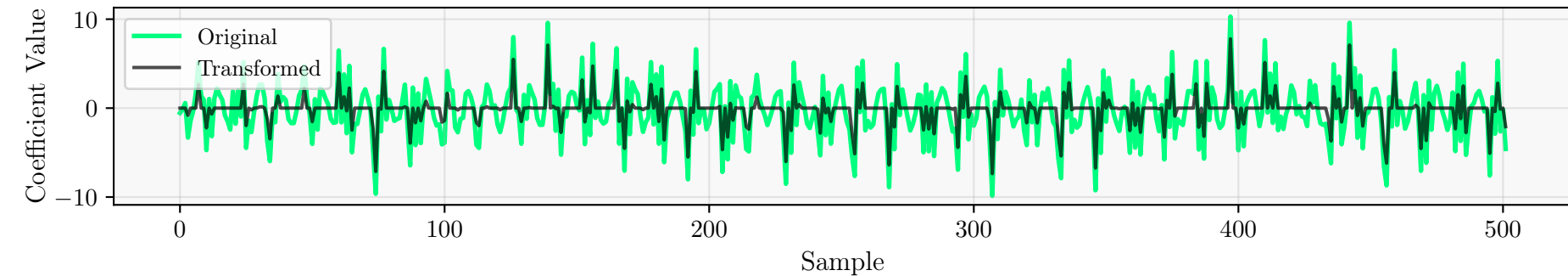[62.5-125.0 Hz]

Detail Level 5
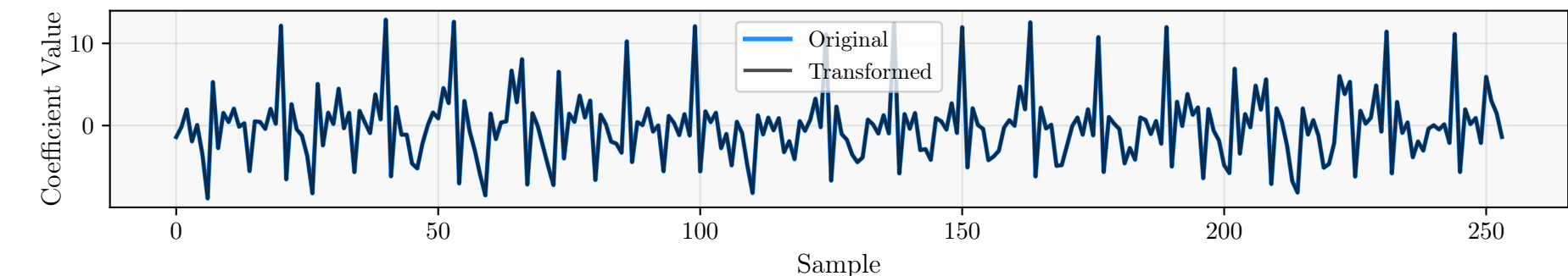[31.25-62.5 Hz]

Detail Level 6
[15.62-31.25 Hz]

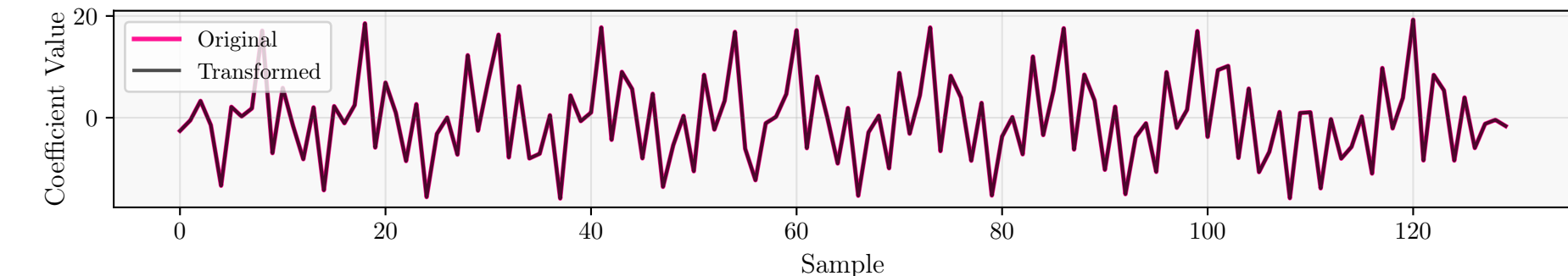Detail Level 7
[7.81-15.62 Hz]

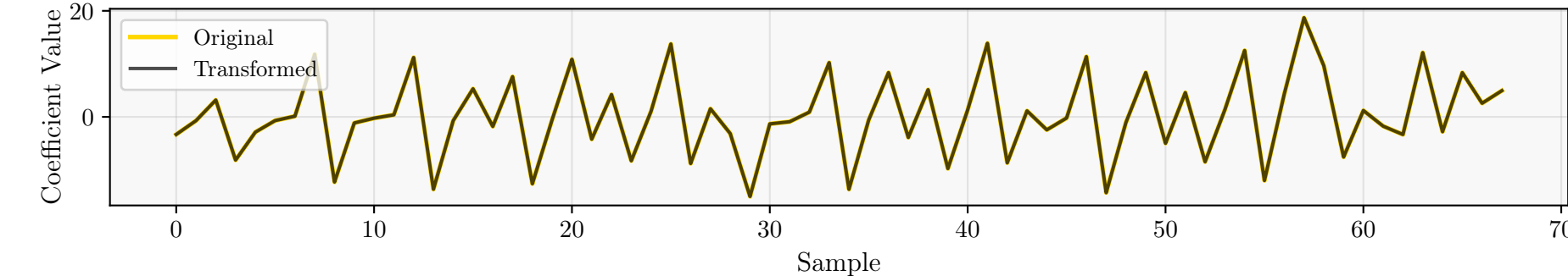Detail Level 8
[3.91-7.81 Hz]

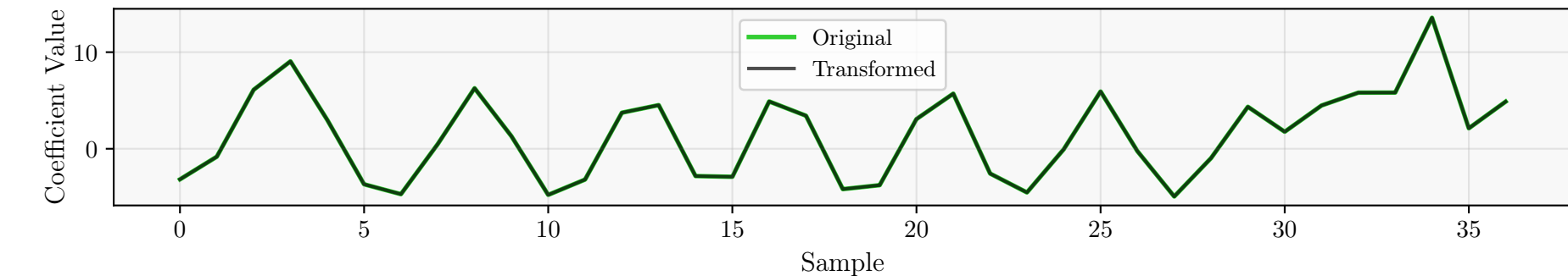Detail Level 9
[1.95-3.91 Hz]

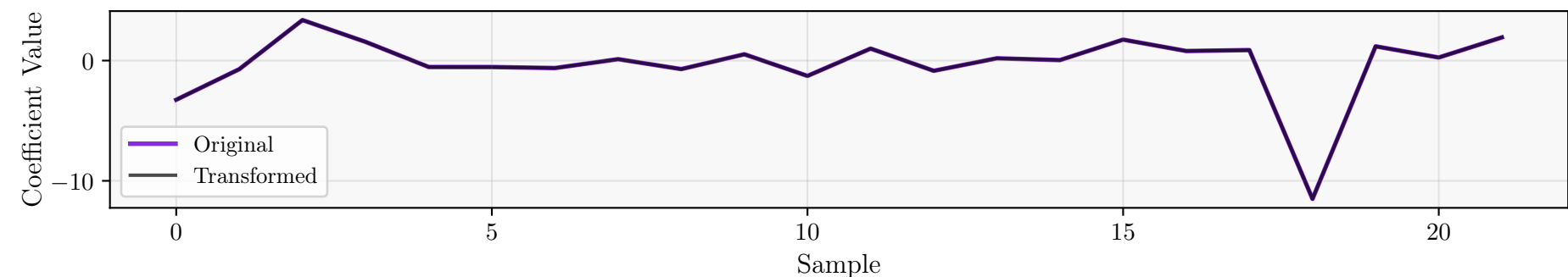Detail Level 10
[0.98-1.95 Hz]
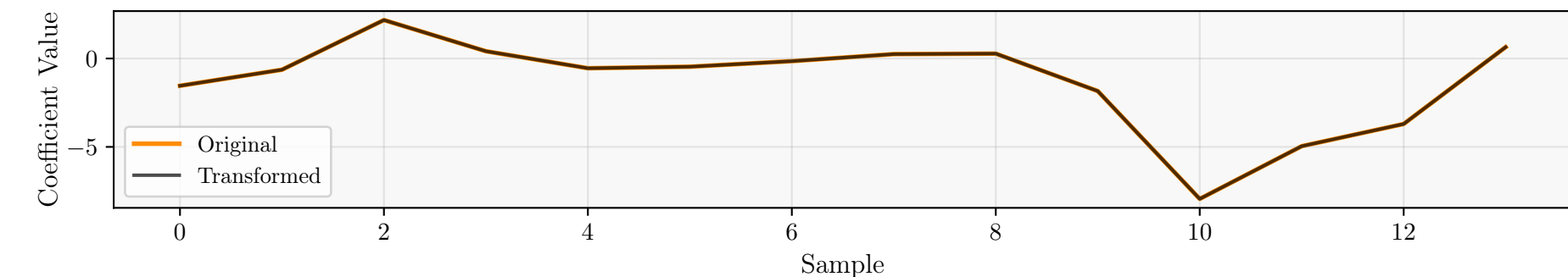
Detail Level 11
[0.49-0.98 Hz]

Detail Level 12
[0.24-0.49 Hz]

Detail Level 13
[0.12-0.24 Hz]

Detail Level 14
[0.06-0.12 Hz]

Approximation Level 14
[0-0.12 Hz]