HydroPhase Analysis Report

Signal Characteristics

Sampling_rate: 8000
Num_channels: 1
Bit_depth: 16
Signal_length_seconds: 24
Num_samples: 192000
File_size_bytes: 384044
Max_amplitude: 0.97653
Avg_amplitude: 0.13011

Phase Statistics

Mean_phase: 0.0257
Phase_variance: 3.3093
Coherence: N/A
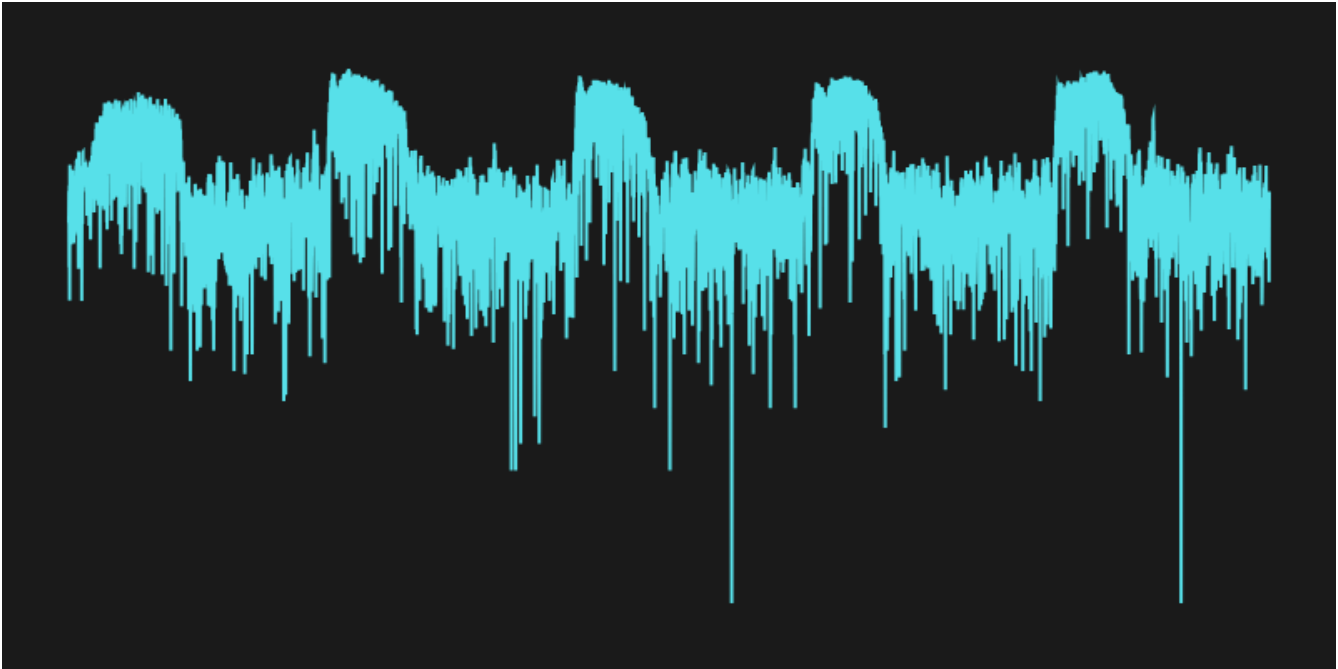**Phase_entropy:** 3.5819
Circular_mean: 2.0069
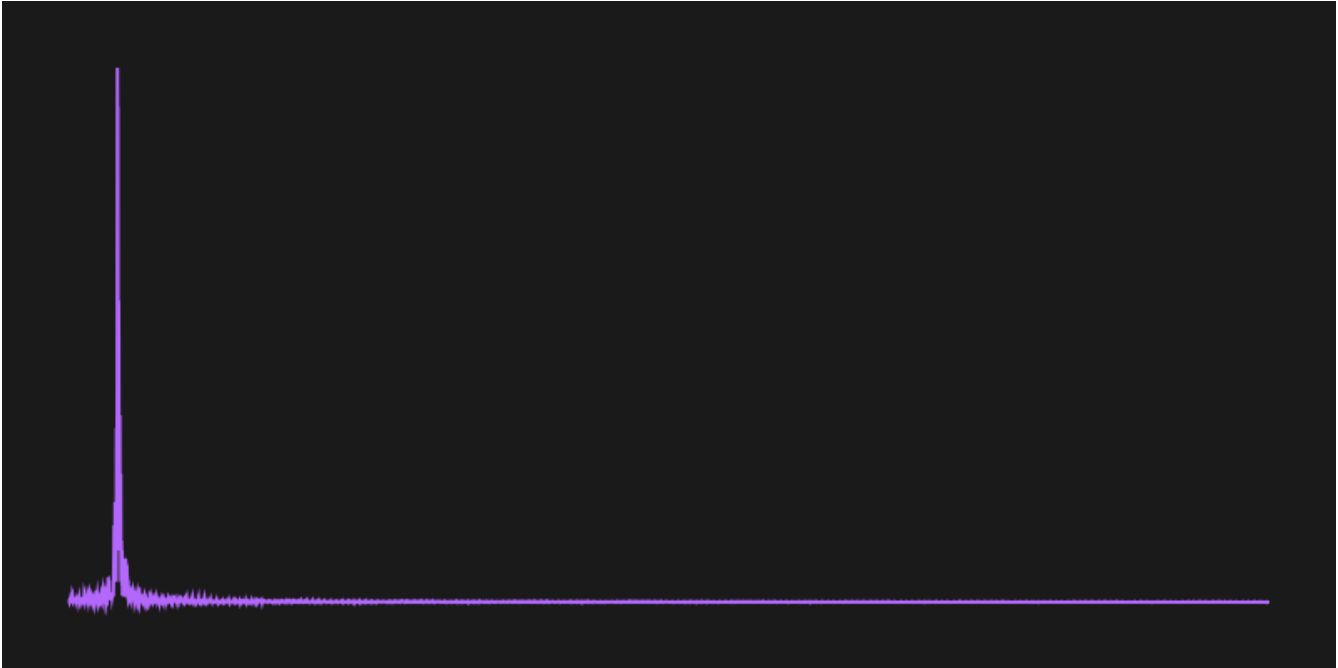**Circular_variance:** 0.9859
Amplitude_weighted_average: -0.0748
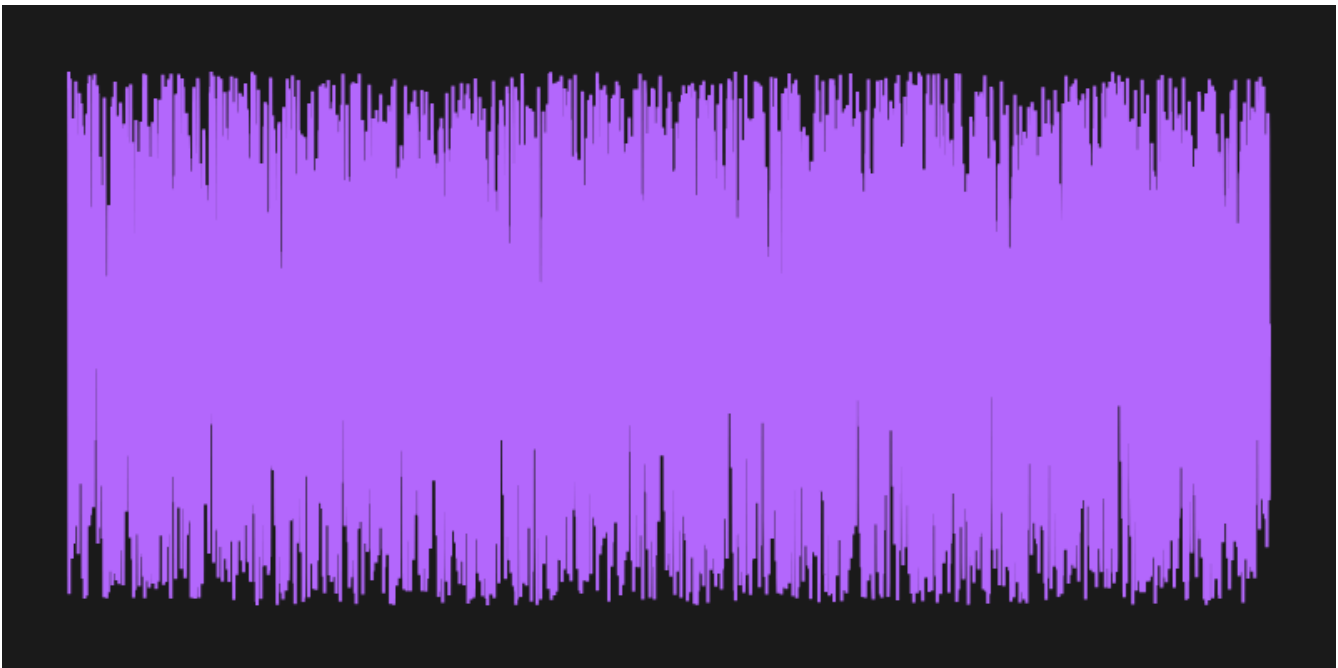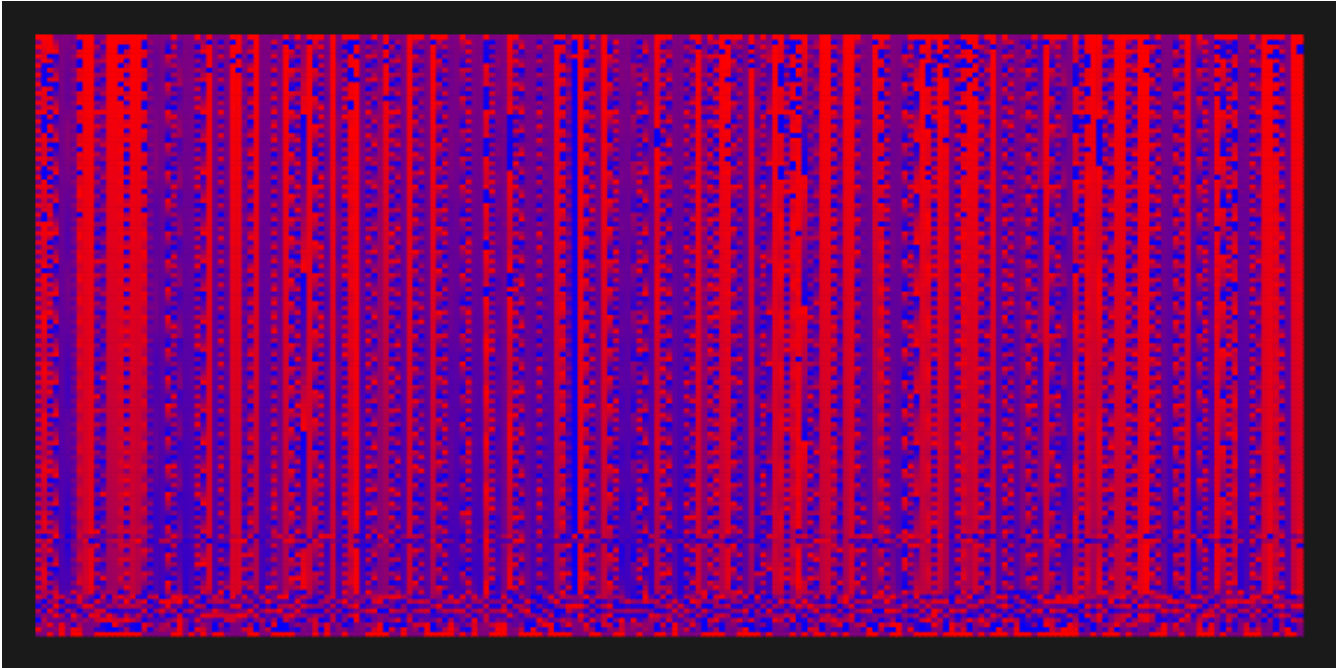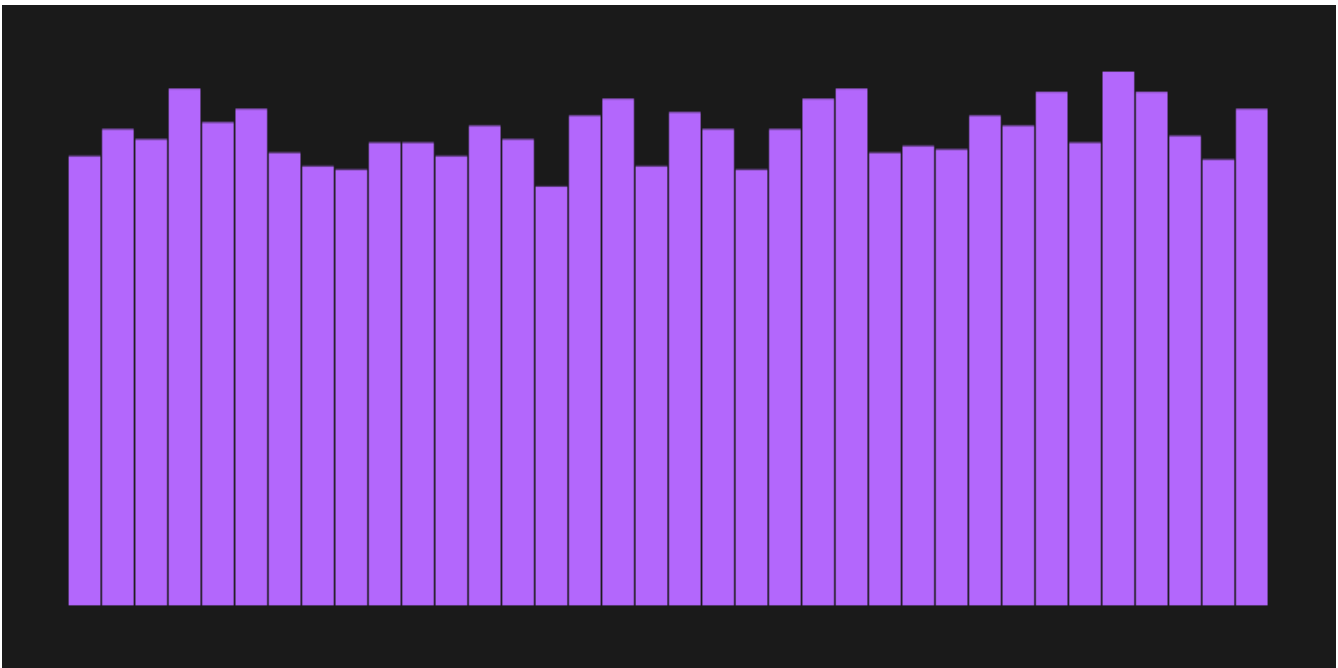**Phase_transition_count:** 2992
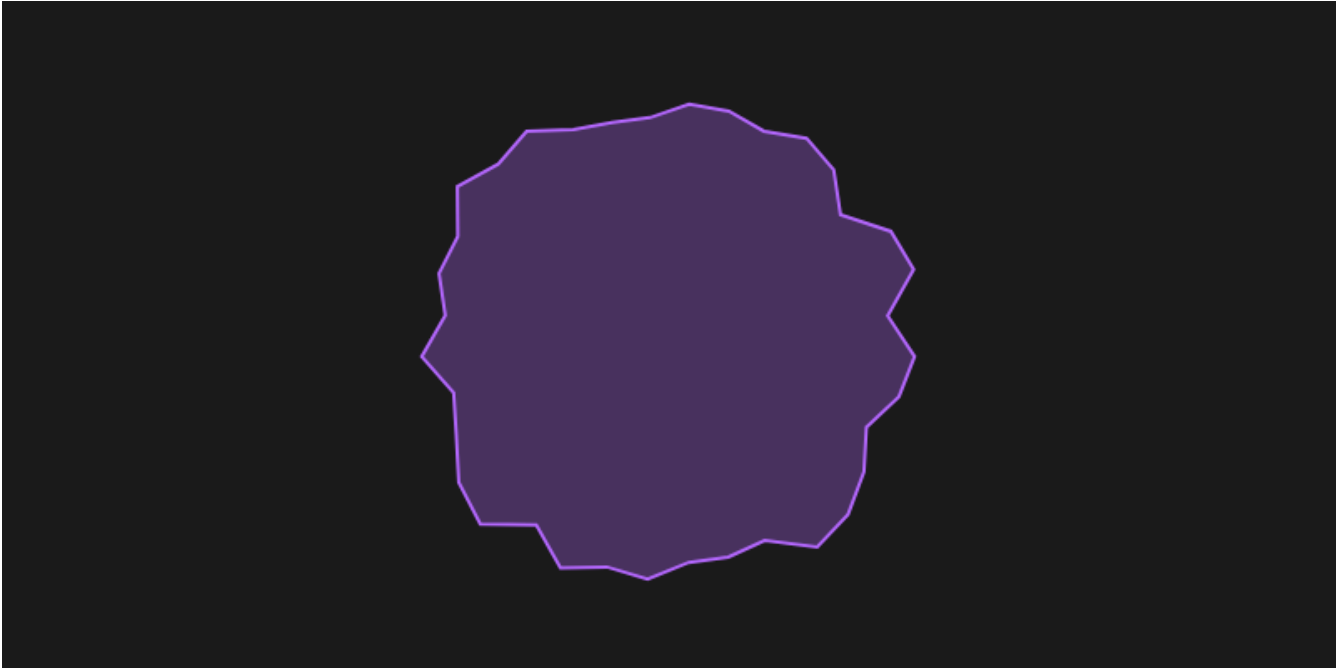
Oscillogram

Amplitude Spectrum

Phase Spectrum

Phasegram

Phase Histogram

Rose Plot

Coherence

Coherence: N/A (Mono Signal)