



SYNTHETIC DATA SUMMARY

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Ground Truth Parameters:

- Filter: Biphasic (50 samples)
- Nonlinearity: Sigmoid
- Noise level: 0.3

Generated Dataset:

- Duration: 2.0 minutes
- Bin size: 8.0 ms
- Stimulus samples: 15,000
- Stimulus std: 1.00

Neural Response:

- Total spikes: 1,437,798
- Mean firing rate: 11981.6 Hz
- Spike bins: 15,000

White Noise Analysis Toolkit
Demo generated: 2025-06-25