Noise Robustness: NanoMamba SA-SSM vs CNN Baselines

Factory Noise | White Noise (Broadband) | Babble Noise (Non-stationary) | Street Noise | Pink Noise (1/f)

CNN Collapse!

1/f formant overlap

Accuracy (%)

SNR (dB)

NanoMamba-Small (12K params) · NanoMamba-Tiny (4.6K params) · DS-CNN-S (23.7K params) · BC-ResNet-1 (7.5K params)