EAN Interpretability Analysis: Dual-Branch Attention Mechanisms
(a) SE Channel Attention Patterns
(b) Temporal Attention Dynamics 1.0 Walking Initialization **Activity Execution** Sitting Walking -Standing **Falling** Picking Up 0.8 0.8 Lying Down Sitting -Attention Weight 9.0 Attention Standing -Activity Type Falling Picking Up -0.2 Lying Down -0.0 10 20 **30** 40 50 0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 **Subcarrier Index** Time (seconds) Motion Sensitive Fine-grained Patterns Static Components