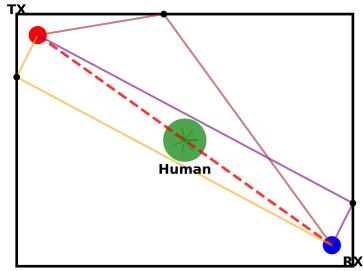
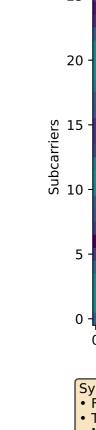
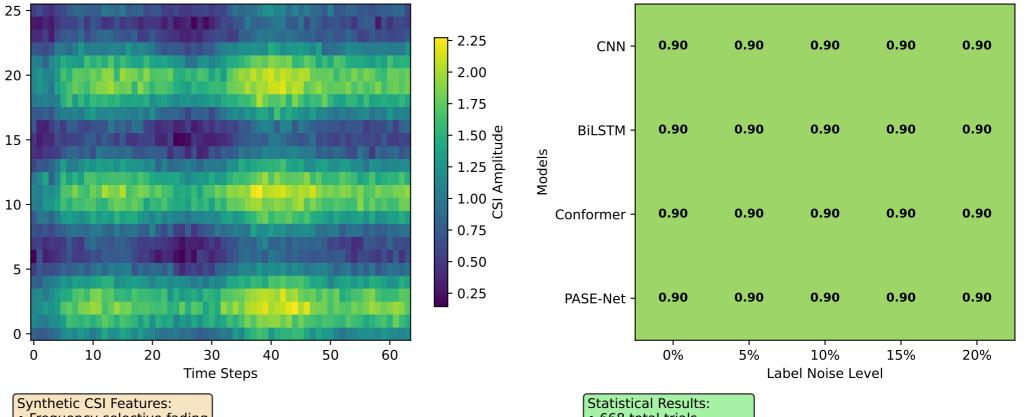
## (a) Physics-Based Multipath Modeling







## Environment Factors:

- Multipath propagation
- Human body scattering
- Wall reflections
- Noise & interference

Frequency-selective fading

(b) Synthetic CSI Generation

- Temporal motion patterns
- Multipath delays
- Realistic noise levels
- Shape: [64, 26]

- 668 total trials
- Statistically significant

(c) SRV Robustness Matrix

1.00

- 0.95

ب 0.90 <sup>ق</sup>

- 0.85 S

- 0.80 흥

- 0.75 <sup>-</sup>

- 0.70

0.65

- p < 0.001
- PASE-Net superior