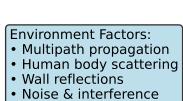
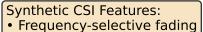
(a) Physics-Based Multipath Modeling (b) Synthetic CSI Generation (c) SRV Robustness Matrix 25 -**-** 2.25 0.89 0.85 0.80 CNN -- 2.00 20 -- 1.75 0.91 0.87 0.83 BiLSTM -- 1.50 분 Subcarriers 10 -1.25 Table 1.25 Models $1.00 \frac{1}{5}$ Human 📏 0.82 0.90 0.86 TCN 0.75 - 0.50 - 0.25 0.97 0.95 0.93 PASE-Net -





10

20

30 Time Steps 50

60

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



- 668 total trials

0%

Statistically significant

5%

10%

Label Noise Level

1.00

- 0.95

- 0.90 - 0.85 e - 0.85 e

- 0.80 දි

- 0.75 ⁻

- 0.70

0.65

0.75

0.78

0.77

0.90

15%

0.70

0.73

0.72

0.87

20%

- p < 0.001
- PASE-Net superior