



# APMC 2025

2025 ASIA-PACIFIC MICROWAVE CONFERENCE  
DEC 2 - 5, 2025 | ICC JEJU, Jeju Island, Korea

Session Title:	[WD2] Antenna Measurement, Imaging, and Performance Engineering
Session Date:	December 3 (Wed.), 2025
Session Time:	15:40-17:20
Session Room:	Room D (Samda B)
Session Chair(s):	Nobuhiro Kuga (Yokohama National University, Japan) Jong-Won Yu (KAIST, Korea)

[WD2-1] 15:40-16:00

**Microwave Imaging with Scanned near-Field Focused Beams Based on a Liquid Crystal Reflect-Array**

Hongyuan Feng, Xin Yu Wu and Zhi Hao Jiang (Southeast University, China); Haocheng Jia (BOE Technology Group, Company, Ltd, China); Wei Hong, Ji Heng and Fengshuo Wan (Southeast University, China)

[WD2-2] 16:00-16:20

**U-Net Based Near-to-Far-Field Transformation Under Limited Near-Field Measurement Area**

Eugene Lee, Seung Hee Jang, Wonhyo Kim, Yeonjae Kim and Youngwook Kim (Sogang University, Korea (South))

[WD2-3] 16:20-16:40

**Printed Log-Periodic Dipole Antenna with Multiple Narrow Notched Bands Using Co-Dipoles**

Zhe Zhang, Jiacheng Sun, Zihao Yang, Zhixia Xu and Shunli Li (Southeast University, China)

[WD2-4] 16:40-17:00

**Self-Calibration Algorithm for Amplitude-Phase Errors in UHF Radar Arrays Based on Enhanced Channel Optimization Particle Swarm Optimization Algorithm**

ZhiCheng Qian, Qing Zhou, LinXun Jiang, Xiaohua Zhu and Hong Hong (Nanjing University of Science and Technology, China)

[WD2-5] 17:00-17:20

**Circularly Polarized Bi-Directional Antenna Using Cross-Slotted Waveguide**

Takuto Oyama and Nobuhiro Kuga (Yokohama National University, Japan)