



APMC 2025

2025 ASIA-PACIFIC MICROWAVE CONFERENCE

DEC 2 - 5, 2025 | ICC JEJU, Jeju Island, Korea

Session Title:	[TD2] SIW, Multibeam, and Biomedical Antenna Solutions
Session Date:	December 4 (Thu.), 2025
Session Time:	10:30-12:10
Session Room:	Room D (Samda B)

[TD2-1] 10:30-10:50

2-D Multibeam End-Fire Antenna Based on Broadband Hybrid SIW and SICL Butler Matrices

Wei Li, Jun Xu, Pinpin Yan, Zhengbo Jiang and Wei Hong (Southeast University, China)

[TD2-2] 10:50-11:10

Experimental Analysis of a Quad-Band Antenna to Establish Wireless Intracranial Implant-to-Implant Communications

Uzman Ali, Abdul Basir and Toni Björninen (Tampere University, Finland)

[TD2-3] 11:10-11:30

A SIW-Based Shared Aperture Beam-Steerable Antenna for Multiband Wireless Communications

Md Abu Sufian (DGIST, Korea (South)); Niamat Hussain (University of Glasgow, United Kingdom (Great Britain)); Minyoung Song (DGIST, Korea (South))

[TD2-4] 11:30-11:50

G-Band CRLH Substrate-Integrated Waveguide Slot Antenna in Glass-Based IPD Technology

Shuping Li (Rutgers University, USA); Yusiangu Wu and Yu-Hsiang Cheng (National Taiwan University, Taiwan); Chung-Tse Michael Wu (Rutgers University, USA)

[TD2-5] 11:50-12:10

A Hybrid-Integrated Dual-Circularly Polarized Horn Antenna with Microstrip-to-Waveguide Transition for Ku-Band Receiver Applications

Jian-Yu Li and Hao-Chun Chen (Yuan Ze University, Taiwan); Tzung-Wern Chiou (BWant Co., Ltd, Taiwan)