



[FrE3] [Special Session] Antennas for Military Applications

Date / Time	Oct. 26 (Fri.), 2018 / 14:30-16:10
Place	Room E (Venice Room)
Session Chairs	Keum Cheol Hwang (Sungkyunkwan University, Korea) Jong-Myung Woo (Chungnam National University, Korea)

FrE3-1

14:30-14:50

Military Antennas

Jae-Yoon Shin and Jong-Myung Woo
Chungnam National University, Korea

FrE3-2

14:50-15:10

An All Textile H-Plane SIW Horn Antenna with Corrugated Ground for Military Applications

Seongkyu Lee and Jaehoon Choi
Hanyang University, Korea

FrE3-3

15:10-15:30

Optimization of Cavity-Backed Patch Array Antenna Using Genetic Algorithm

Sang Il Kim^{1,3}, Dong Hwan Kim¹, Trinh Van Son³, Joon Young Park¹, Doo Soo Kim², and Keum Cheol Hwang³
¹*Hanwha Systems, Korea*, ²*ADD, Korea*, ³*Sungkyunkwan University, Korea*

FrE3-4

15:30-15:50

Grating Lobe Reduced Waveguide Slot Array Antenna

Son Trinh-Van¹, Sung Chan Song², Seung-Hee Seo³, and Keum Cheol Hwang¹
¹*Sungkyunkwan University, Korea*, ²*Hanwha Systems, Korea*, ³*ADD, Korea*

FrE3-5

15:50-16:10

A Validity Study on Dip & Vacuum Brazing Method for Ka-Band Waveguide Slot Array Antenna

Chae-Hyun Jung, Jong-Gyun Baek, Kook-Joo Lee, Chang-Hyun Park, and Jongkuk Park
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