



제 29회 한국반도체학술대회

The 29th Korean Conference on Semiconductors

2022년 1월 24일(월)~ 26일(수) | 강원도 하이원 그랜드호텔(컨벤션타워)

2022년 1월 26일(수), 09:00-10:30

Room I (하트 II, 6층)

M. RF and Wireless Design 분과

[W11-M] RF Circuits and Wireless Systems I

좌장: 권구덕 교수(강원대학교), 권익진 교수(아주대학교)

<p>W11-M-1 09:00-09:15</p>	<p>수정된 비대칭 Wilkinson 전력분배기를 사용한 비대칭 Doherty 전력증폭기의 전력이득 및 효율 향상 Kyungdong Bae¹, Woojin Choi^{2,3}, and Youngoo Yang^{2,3} ¹Department of Electronic and Electrical Engineering, Sungkyunkwan University, ²Department of Electrical and Computer Engineering, Sungkyunkwan University, ³para-PA Inc.</p>
<p>W11-M-2 09:15-09:30</p>	<p>복수의 Back-off 확장 Parameter를 이용한 3.4-3.8 GHz 대역 Doherty 전력 증폭기 Seungmin Woo¹ and Youngoo Yang^{1,2} ¹Department of Electrical and Computer Engineering, Sungkyunkwan University, ²para-PA inc.</p>
<p>W11-M-3 09:30-09:45</p>	<p>3.5 – 3.8 GHz GaN HEMT Doherty Power Amplifier with Minimized Electrical Length of Load Matching Network Jongjin Park¹, Woojin Choi^{1,2}, and Youngoo Yang^{1,2} Department of Electronic and Electrical Engineering, Sungkyunkwan University</p>
<p>W11-M-4 09:45-10:00</p>	<p>트랜지스터 기생성분이 포함된 출력 정합 및 2차 고조파 정합 네트워크를 이용한 광대역 Doherty 전력 증폭기 Soohyun Bin¹, Woojin Choi^{2,3}, and Youngoo Yang^{2,3} ¹Department of Electronic and Electrical Engineering, Sungkyunkwan University, ²Department of Electrical and Computer Engineering, Sungkyunkwan University, ³para-PA Inc.</p>
<p>W11-M-5 10:00-10:15</p>	<p>A 6.78MHz Wireless Power Transmitter with Resonant Point Racking for Battery-less Receiver Application 박현준, 남궁경호, 변영재 UNIST</p>
<p>W11-M-6 10:15-10:30</p>	<p>높은 격리 성능을 가지는 T자 구조 SPDT 스위치 설계 Sung Hwan Paik, Kyung Duck Choi, and Kang-Yoon Lee Department of Electrical and Computer Engineering, Sungkyunkwan University</p>