2020년 2월 13일(목), 10:45~12:30

Room J (하트 III, 6층)

M. RF and Wireless Design 분과
[TJ2-M] RF Design II

TJ2-M-1 **10:45~11:00**	**BLE Receiver Employing New Quadrature LNA for IoT Application** Beomyu Park and Kuduck Kwon *Department of Electronic Engineering, Kangwon National University*
TJ2-M-2 **11:00~11:15**	**CMOS Tunable High-Q Channel-Selection Low-Noise Amplifier Employing Frequency-Translated Poly-Phase Filter** Donggu Lee and Kuduck Kwon *Department of Electronic Engineering, Kangwon National University*
TJ2-M-3 **11:15~11:30**	**A +19.3-dBm OIP3 5G mm-Wave down-mixer with LO buffer in 65-nm CMOS technology** Yangji Jeon, Seungjik Lee, and Ilku Nam *Department of Electrical Engineering, Pusan National University*
TJ2-M-4 **11:30~11:45**	**A Design of a Low-Noise RSSI System with Adjustable 20dB Sensitivity** Dal-Ho Lee, Hyun-Jae Lee, Sung-Jin Kim, and Kang-Yoon Lee *Department of Electrical and Computer Engineering, Sungkyunkwan University*
TJ2-M-5 **11:45~12:00**	**35 W 3.4 – 3.8 GHz GaN HEMT 2-Stage Asymmetric Doherty Power Amplifier MMIC for 5G NR** Woojin Choi, Hyunuk Kang, and Youngoo Yang *Department of Electrical and Computer Engineering, Sungkyunkwan University*
TJ2-M-6 **12:00~12:15**	**3-5GHz GaAs p-HEMT Linear Broadband Amplifier for 5G Sub-6 GHz Applications with Capacitive Neutralization** Yifei Chen, Sungjae Oh, Wooseok Lee, and Youngoo Yang *Department of Electrical and Computer Engineering, Sungkyunkwan University*
TJ2-M-7 **12:15~12:30**	**High-Power and High-Efficiency 5.8 GHz GaN-HEMT Rectifier Using Time Reversal Duality for Microwave Power Transfer via Solar Power Satellites** Hyungmo Koo, Jongseok Bae, and Youngoo Yang *Sungkyunkwan University*