



[FrA1] Passive and Active Components

Date / Time	Oct. 26 (Fri.), 2018 / 08:30-10:10
Place	Room A (Grand Ballroom 1)
Session Chairs	Danai Torrungrueng (King Mongkut's University of Technology North Bangkok, Thailand) Rakesh Sinha (Chungnam National University, Korea)

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08:30-08:50

Compact Phase Shifter for 4G Base Station Antenna

Chul-Keun Park¹, Hee-Soo Kim¹, Jeong-Won Kim¹, and Kyeong-Sik Min²

¹AT&S Co. Ltd., Korea, ²Korea Maritime & Ocean University, Korea

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08:50-09:10

Miniaturized Hybrid Couplers Using Quarter Wave-Like Transformers

Sarun Thaepunkulngam¹, Panuwat Janpugdee¹, and Danai Torrungrueng²

¹Chulalongkorn University, Thailand, ²King Mongkut's University of Technology North Bangkok, Thailand

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09:10-09:30

Design of High Power Transmission Line Transformer for RF Heating Generator

Adisak Rattananamlom¹, Supawat Kotchapradit¹, Samran Santalunai¹, Thanaset Thosdeekoraphat¹, Phichet Moungnoul², and Chanchai Thongsopa¹

¹Suranaree University of Technology, Thailand, ²King Mongkut's Institute of Technology Ladkrabang, Bangkok, Thailand

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09:30-09:50

Microfluidic Impedance Tuner

Minjae Lee and Sungjoon Lim

Chung-Ang University, Korea

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09:50-10:10

Three-Dimensional Printed Stair-Like Metamaterial Absorber

Daecheon Lim and Sungjoon Lim

Chung-Ang University, Korea