

Profile Page



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Department : Electronics and Comm. Engg.

Qualification : Post Doctorate Electronics & Communication Engineering (Indian Institute of Technology, Roorkee)
Ph.D. Electronics & Communication Engineering (Jamia Millia Islamia, Delhi)
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Research Interests :

Active and passive RF circuits, multi-band RF circuits, RF circuits for 5G and SDR applications.

Journal Publications :

Year	Journal	Publication
2022	IEEE Microwave Magazine	Aijaz. M. Zaidi, et al, "Dual-Band Design Techniques for Microwave Passive Circuits," in IEEE Microwave Magazine, vol. 23, no. 7, pp. 61-77, July 2022
2022	IEEE Microwave Magazine	Aijaz. M. Zaidi et al., "Multiband Design Techniques for Passive Planar Microwave Circuits," in IEEE Microwave Magazine, vol. 23, no. 9, pp. 57-69, Sept. 2022
2021	IEEE Transactions on Instrumentation and Measurement	Aijaz. M. Zaidi et al., "A Dual-Band Rat-Race Coupler for High Band Ratio Wireless Applications," in IEEE Transactions on Instrumentation and Measurement, vol. 70, pp. 1-6, 2021,
2020	IEEE Transactions on Circuits and Systems II: Express Briefs	Aijaz. M. Zaidi, et al, "A Compact Dual-Band Out of Phase Power Divider Having Microstrip Compatibility," in IEEE Transactions on Circuits and Systems II: Express Briefs, vol. 67, no. 12, pp. 2998-3002, Dec. 2020
2020	IEEE Transactions on Circuits and Systems II: Express Briefs	Aijaz. M. Zaidi, et al, "Hexa-Band Branch Line Coupler and Wilkinson Power Divider for LTE 0.7 GHz, LTE 1.7 GHz, LTE 2.6 GHz, 3.9 GHz, Public Safety Band 4.9 GHz, and WLAN 5.8 GHz Frequencies," in IEEE Transactions on Circuits and Systems II: Express Briefs, vol. 67, no. 2, pp. 275-279, Feb. 2020

2020	IEEE ACCESS	Aijaz. M. Zaidi, et al, "A Novel Dual Band Branch Line Coupler and its Application to Design a Dual Band 4×4 Butler Matrix," in IEEE Access, vol. 8, pp. 65104-65115, 2020
2019	IEEE Transactions on Circuits and Systems II: Express Briefs	Aijaz. M. Zaidi, et al, "A Novel Dual-Band Branch Line Coupler for Dual-Band Butler Matrix," in IEEE Transactions on Circuits and Systems II: Express Briefs, vol. 66, no. 12, pp. 1987-1991, Dec. 2019,
2019	IEEE ACCESS	Aijaz. M. Zaidi, et al, "A Dual Band Branch Line Coupler With Wide Frequency Ratio," in IEEE Access, vol. 7, pp. 25046-25052, 2019
2019	AEU-International Journal of Electronics and Communications	Aijaz M. Zaidi et al, A new dual band 4×4 butler matrix with dual band 3 dB quadrature branch line coupler and dual band 45° phase shifter
2019	International Journal of RF and Microwave Computer-Aided Engineering	Aijaz M. Zaidi, A dual band branch line coupler for LTE 0.7 GHz and LTE 2.6 GHz frequencies

Conference Publications :

Year	Conference	Publication
2020	IEEE Electrical Design of Advanced Packaging and Systems (EDAPS)	A Hexa-band Gysel Power Divider for Microwave Applications
2019	IEEE, European Microwave Conference in Central Europe (EuMCE)	A dual band Wilkinson power divider with extended band ratio
2019	IEEE Asia-Pacific Microwave Conference (APMC)	A dual band Gysel power divider with wide band ratio
2017	IEEE International Conference on Integrated Circuits and Microsystems	A quad band quadrature branch line coupler using coupled line sections

Book/Chapter Publications :

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
Book Chapter	A Compact Dual-Band N-Way Wilkinson Power Divider for GSM	Springer	Aijaz M Zaidi et.al	978-981-10-4393-2	2018