

## BIBLIOGRAPHY

- [1] X. Qing and Z. N. Chen, *Antenna Measurement Setups: Introduction*. Singapore: Springer Singapore, 2016, pp. 2023–2049. [Online]. Available: [https://doi.org/10.1007/978-981-4560-44-3\\_68](https://doi.org/10.1007/978-981-4560-44-3_68)
- [2] C. A. Balanis, *Antenna theory: analysis and design*. Wiley-Interscience, 2005.
- [3] J. Kraus, “Antennas since hertz and marconi,” *IEEE Transactions on Antennas and Propagation*, vol. 33, no. 2, pp. 131–137, February 1985.
- [4] J. C. Maxwell, *A Treatise on Electricity and Magnetism*, ser. Cambridge Library Collection - Physical Sciences. Cambridge University Press, 2010, vol. 2.
- [5] J. Bernhard, P. Mayes, D. Schaubert, and R. Mailloux, “A commemoration of deschamps and sichak’s microstrip microwave antennas: 50 years of development divergence and new directions,” ILLINOIS UNIV AT URBANA ELECTROMAGNETICS LAB, Tech. Rep., 2003.
- [6] D. R. Jackson and S. A. Long, “History of microstrip and dielectric resonator antennas,” in *2020 14th European Conference on Antennas and Propagation (EuCAP)*. IEEE, 2020, pp. 1–5.
- [7] R. Mailloux, J. McIlvenna, and N. Kernweis, “Microstrip array technology,” *IEEE Transactions on Antennas and Propagation*, vol. 29, no. 1, pp. 25–37, 1981.
- [8] R. Munson, “Conformal microstrip antennas and microstrip phased arrays,” *IEEE Transactions on Antennas and Propagation*, vol. 22, no. 1, pp. 74–78, January 1974.
- [9] K.-L. Wong, *Compact and broadband microstrip antennas*. John Wiley & Sons, 2004.
- [10] Z. N. Chen and M. Y. W. Chia, *Broadband planar antennas: design and applications*. John Wiley & Sons, 2006.
- [11] Cisco, “Ieee 802.11ax: The sixth generation of wi-fi white paper,” 2020.

- [12] “Solutions - wi-fi 6e: The next great chapter in wi-fi white paper,” Jun 2022. [Online]. Available: <https://www.cisco.com/c/en/us/solutions/collateral/enterprise-networks/802-11ax-solution/nb-06-wi-fi-6e-wp-cte-en.html>
- [13] G. Hardesty. (2022) What is wi-fi 6e? Accessed: 2022-10-31. [Online]. Available: <https://www.cisco.com/c/en/us/products/wireless/what-is-wi-fi-6e.html>
- [14] S. Katoch, H. Jotwani, S. Pani, and A. Rajawat, “A compact dual band antenna for iot applications,” in *2015 International Conference on Green Computing and Internet of Things (ICGCIoT)*, Oct 2015, pp. 1594–1597.
- [15] N. Riyandani, “Gain enhancement of planar monopole antenna using multi-layer fss for ultra wideband application,” 2021.
- [16] “Ieee standard for definitions of terms for antennas,” *IEEE Std 145-2013 (Revision of IEEE Std 145-1993)*, pp. 1–50, March 2014.
- [17] P. J. Bevelacqua. (2011-2021) Rectangular microstrip antenna. Accessed: 2022-06-07. [Online]. Available: [antenna-theory.com](http://antenna-theory.com)
- [18] M. A. Afridi, “Microstrip patch antenna- designing at 2.4 ghz frequency,” *Biol. Chem. Res*, vol. 2015, pp. 128–132, 2015.
- [19] G. Hardesty. (2002-2021) Dipole antennas: Dual band in 2.4ghz-5ghz bands. Accessed: 2022-06-07. [Online]. Available: <https://www.data-alliance.net/dipole-antennas-dual-band-2-4ghz-5ghz/#:~:text=A%20dual%20band%20antenna%20is,or%20at%20the%20same%20time.>
- [20] W. Stutzman, “Estimating directivity and gain of antennas,” *IEEE Antennas and Propagation Magazine*, vol. 40, no. 4, pp. 7–11, Aug 1998.