

DAFTAR PUSTAKA

- [1] S. Dulluc, C. Gocen, I. Akdag, "5.8 GHz Band Wi-Fi AND IoT Applications Antenna Design", *Icontech International Journal of Surveys, Engineering, Technology*, pp-42-47, Maret 2022.
- [2] J. Geier, "*Designing and Deploying 802.11n Wireless Networks*," USA, Cisco Systems, 2010, pp. 1-27.
- [3] C. A. Balanis, "*Antenna Theory Analysis and Design*", 4th ed. New Jersey: John Wiley & Sons, Inc., 2016.
- [4] C. A. Balanis, "*Antenna Theory: Analysis and Design*", 1st ed. USA: John Wiley & Sons, 1982.
- [5] R. Garg, P. Bhartia, L. Bahl, dan A. Ittipiboon, "*Microstrip Antenna Design Handbook*", *Artech house publishers*, London, 2001.
- [6] C. A. Balanis, "*Antenna Theory: Analysis Design*", 3rd Edition. John Wiley & Sons, Inc., 2005.
- [7] P. D. Marlina, S. Alam, N. M. Rizka, I. Surjati, "Rancang Bangun Antena Mikrostrip Patch *Rectangular* Dengan Metode *Parasitic* Untuk Meningkatkan *Bandwidth*", *Jurnal TEKTRIKA*, Vol.5, No.1, Januari 2020.
- [8] G. R. Dejean, M. M. Tentzeris, "*A New High-Gain Microstrip Yagi Array Antenna With a High Front-to-Back (F / B) Ratio for WLAN and Millimeter-Wave Applications*", *Trans. Antennas Propag*, vol. 55, pp. 298–304, 2007.
- [9] K. Quzwain, A. Ismail, A. Sali, dan A. R. H. Alhawari, "*Gain Enhancement of Octagon Microstrip Yagi Antenna Utilizing 1-D Photonic Crystal (PCs) Cover*", *Proceeding of International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2015)*, Agustus 2015.
- [10] K. Quzwain, A. Ismail, dan A. Sali " *A high gain double-octagon fractal microstrip yagi antenna* ", *Progress In Electromagnetic Researc Latter*, Vol.72, 83-89, 2018.
- [11] I. Surjati, "Perancangan Antena Mikrostrip", 1. Jakarta: Penerbit Universitas Trisakti, 2018.

- [12] M. S. Dewi, "Optimasi *Bandwidth* Antena Mikrostrip Patch *E-Shape* Dengan *Triangular Slot* Untuk Aplikasi WiFi Pada Frekuensi 2400 MHZ, Akademi Telkom Jakarta, 2020.
- [13] N. D. Yulianti dan Elisma, "Perancangan Antena Mikrostrip Array *2x4 Patch* Lingkaran Segitiga Untuk Aplikasi *Wireless Local Area Network* pada Frekuensi Kerja 2,4 Ghz", Prosiding The 11th Industrial Research Workshop and National Seminar, Agustus 2020, pp. 52 - 57.
- [14] K. Vinutha, & P. Nagaraju, "*Design and Implementation of Dual Band Microstrip Yagi-Uda Array*", 2018 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT), 2018.
- [15] L. Frahmahapsari, "Perancangan Antena Mikrostrip MIMO *2x2 Patch* Segitiga Dengan Metode *Defected Ground Structure* Untuk Aplikasi LTE Frekuensi 2300 MHz", Institut Teknologi Telkom Purwokerto, 2019.
- [16] Y. Sugio, T. Makimoto, T. Tsugawa, & H. Nakanishi, "*Gain Enhancement of Dielectric Covered Antennas with a Ground Plane*", IEE ICAP, 289-293, 1983.
- [17] X.-H. Shen, G. A. E. Vandenbosch, and A. R. Van de Capelle, "*Study of gain enhancement method for microstrip antenna using moment method*," IEEE Transactions on Antennas and Propagation, Vol. 43, No. 3, 227-231, 1995.
- [18] W. Shen, Z. Sun, S. Pan, P. Chen, & G. Li, "A *Compact Biplanar Quasi-Yagi Antenna with Beam Tilt via a Bending Strip and a Rectangular Patch Director*". 2020 International Conference on Microwave and Millimeter Wave Technology (ICMMT), 2020.
- [19] S. Kundu, & K. Patra, "*Design of Reconfigurable Planar Yagi-Uda Antenna for Dual Frequency Wireless Communication*". 2020 IEEE Calcutta Conference (CALCON), 2020.
- [20] J. Huang, "*Planar Microstrip Yagi Array Antenna*", Antennas and Propagation Society International Symposium, AP-S. Digest, 894-897, 1989.
- [21] T. T. Thai, G. R. DeJean, & M. M. Tentzeris, "*Design and Development of a Novel Compact Soft-Surface Structure for the Front-to-Back Ratio Improvement and Size Reduction of a Microstrip Yagi Array Antenna*", IEEE Antennas and Wireless Propagation Letters, 7, 369–373, 2008.

- [22] W. L. Stutzman & G. A. Thiele, "*Antenna Theory and Design*," 2nd Edition, John Wiley and Sons, Inc., Hoboken, 1998.
- [23] D. M. Pozar, "*Microstrip Antennas*," *Proceedings of the IEEE*, Vol. 80, No. 1, 1992, pp. 79-81.