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.