

## DAFTAR PUSTAKA

- [1] D. J. Deng, K.C. Chen, R.S.Cheng. "IEEE 802.11ax: Next Generation Wireless Local Area Networks," in *10th International Conf. on Heterogeneous Networking for Quality Reliability Security and Robustness*, Rhodes, Greece, 2014, pp. 78-82.
- [2] Cisco, Technical White Paper, IEEE 802.11ax: The Sixth Generation of Wi-Fi, (Online), 3 April 2020.
- [3] FCC. *Unlicensed Use of the 6 GHz Band*. ET Docket No. 18-295; GNDocket No. 17-18. 2020.
- [4] A.F.Rochim, B.Harijadi, Y.P.Purbanugraha, S.Fuad, K.A.Nugroho. "Performance comparison of wireless protocol IEEE 802.11ax vs 802.11ac", in *International Conf. on Smart Technology and Applications*, Surabaya, Indonesia, 2020, pp. 5-6.
- [5] C.A.Balanis, *Antenna Theory Analysis and Design*, 3rd ed. New Jersey: John Wiley & Sons. Inc, 2005.
- [6] W. L. Stutzman, G. A. Thiele, *Antenna Theory and Design*, 2nd ed. New York: John Wiley & Sons. Inc, 1998.
- [7] S.Alam, A.P. Junfithrana, I. Surjati," Enhancement Bandwidth Of Triangular Microstrip Antenna Using Peripheral Slit Technique Fed By Coplanar Waveguide For Mobile Communication," *International Conf. on Computing, Engineering, and Design*, Kuala Lumpur, 2017, pp.1-4.
- [8] S. Alam, I.G.N.Y. Wibisana, I. Surjati, "Miniaturization of Array Microstrip Antenna Using Peripheral Slits for Wireless Fidelity Communication," in *International Conference on QiR (Quality in Research)*, Nusa Dua, Bali, Indonesia, 2017, pp. 91-95.
- [9] R.B. Putra, S. Alam, dan I. Surjati, "Perancangan Antena Mikrostrip Segiempat *Peripheral Slit* untuk Aplikasi 2,4 GHz dengan Metode Pencatuan *Proximity Coupled*", *Jurnal Nasional Teknik Elektro*, vol. 7, pp. 38-44, 2018.
- [10] R. Garg, P. Bhartia, I. Bahl, A. Ittipiboon, "Microstrip Antenna Design Handbook," I. Valdman, London: ArtechHouse Inc, 2001.

- [11] I. Surjati, S. Alam, dan S. Hotman, "Polarisasi Melingkar Antena Mikrostrip E Shaped dengan Pencatu *Electromagnetic Coupling*," *Jurnal Rekayasa Elektrika*, Vol. 13, No. 1, 2017.
- [12] I. Windani, "Rancang Bangun Antena Mikrostrip *Patch* Segiempat dengan Teknik *Planar Array* untuk Aplikasi Wireless-LAN," Tugas Akhir, Universitas Sumatera Utara, 2013.
- [13] S. Ramando, "Analisa Perbandingan antara Saluran Pencatu *Feed Line* dan *Proximity Coupled* untuk Antena Mikrostrip *Patch* Segiempat," Tugas Akhir, Universitas Sumatera Utara, 2014.
- [14] W.S.T Rowe, R.B. Waterhouse, "Investigation of Proximity Coupled Antenna Structures," in *Conf. Antennas and Propagation Society International Symposium*, Columbus, United States of America, 2003, pp. 1-4.
- [15] Filho, Valdez. A. A. "Performance Optimization of Microstrip Antenna Array Using Frequency Selective Surfaces," *Journal of Microwave. Optoelectronics and Electromagnetic Applications*. Vol. 13. No. 1. pp. 31– 46. Juni 2014.
- [16] T. Firmansyah, Herudin, T. Supriyanto. "Peningkatan Bandwidth Antena Mikrostrip Lingkaran Menggunakan Metode Beveled Half Cut," in *Seminar Nasional Inovasi dan Aplikasi Teknologi di Industri*, Februari 2017.
- [17] I.Y. Wulandari. "Perancangan Dan Pembuatan Antena Mikrostrip *Patch* Segiempat Untuk Meningkatkan Bandwidth Dengan Metode Defected Ground Structure (DGS)," M.T. disertation, Dept. Elect. Eng., Mercubuana Univ, Indonesia, 2017.
- [18] Ansoft Corporation, User's Guide – High Frequency Structure Simulator, Tenth Edition, Pittsburgh: Ansoft Corporation, Juni 2005.
- [19] A. Atmaja, "Design of Dual Band Microstrip Antennas for LTE and Wimax Applications Using Proximity Coupled Techniques," in *Seminar Nasional Teknik Elektro*, Indonesia, 2019, pp. 211-219.
- [20] M.E. Septiyadi, Y.Wahyu dan D. Arseno, "Design and Realization of Rectangular *Patch* Microstrip Antenna With U Slot and Proximity Coupled for WiFi 5,5 GHz," *Jurnal e-Proceeding of Engineering*, vol.5, pp. 5328, 2018.