

DAFTAR PUSTAKA

- [1] B. Bellalta, "IEEE 802.11ax: High-efficiency WLANs," in *Conf. IEEE Wireless Communications*, vol. 23, no. 1, February 2016, pp. 38-46.
- [2] Cisco, "IEEE 802.11ax: The Sixth Generation of Wi-Fi", [Online], 2020. Available: <https://www.cisco.com/c/en/us/products/collateral/wireless/white-paper-c11-740788.html>
- [3] FCC, "Unlicensed Use of the 6 GHz Band," ET Docket No. 18 295 ; GN Docket No. 17-18, April 2020.
- [4] A.F. Rochim, B. Harijadi, Y.P. Purbanugraha, S. Fuad, K.A. Nugroho "Performance comparison of wireless protocols IEEE 802.11ax vs 802.11ac," in *Conf. International Conference on Smart Technology and Applications*, Surabaya, Indonesia, 2020.
- [5] C.A. Balanis, *Antenna Theory Analysis and Design*, 3rd ed. New Jersey: John Wiley & Sons. Inc, 2005.
- [6] R. Garg, P. Bhartia, I. Bahl, A. Ittipiboon, *Microstrip Antenna Design Handbook*. Artech House, 2000.
- [7] Y. Zhang, C. Liu, C. Guo, T. Li, "Design and analysis of a circular double-layer broadband microstrip antenna," in *Conf. Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference*, Harbin, China, 2011, pp. 334-336.
- [8] L. Dang, Z.Y. Lei, Y.J. Xie, G.L. Ning, J. Fan, "A Compact Microstrip Slot Triple-Band Antenna for WLAN/WiMAX Applications," *IEEE Antennas and Wireless Propagation Letters*, vol. 9, pp. 1178-1181, 2010.
- [9] M. M. Sharma, N. C. Bajia, V. Agarwal, S. Kumawat, S. Gupta, R. P. Yadav, "Compact microstrip circular patch antenna for Wi-Max with double-layered substrate," in *Conf. 2008 International Conference on Recent Advances in Microwave Theory and Applications*, Jaipur, India, 2008, pp. 236-238.
- [10] S. Saxena, N. Saxena, "Proximity Coupled Microstrip Patch Antenna for

- Gain Enhancement,” in *International Conf. on Advances in Computing*, ,2020, pp.423-426.
- [11] B.B. Rijadi, "Perancangan Antena Mikrostrip Circular Dengan U-Slot Untuk Aplikasi 5G Di Indonesia," *Jurnal Teknik*, vol.21, No.1, pp.16-19, Juni 2020.
- [12] A.F. Alsager, "Design and Analysis of Microstrip Patch Antenna Arrays," M.Eng. dissertation, Dept. Elect Eng. College of Boras Univ ,2011.
- [13] I.Y. Wulandari, "Perancangan Dan Pembuatan Antena Mikrostrip Patch Segiempat untuk Meningkatkan Bandwidth Dengan Metode Defected Ground Structure," M.T. diserrtion, Dept. Elect. Eng., Mercubuana Univ, Indonesia, 2017.
- [14] T. Firmansyah, Herudin, Anggoro.SP, T. Supriyanto , "Peningkatan Band width Antena Mikrostrip Lingkaran Menggunakan Metode Beleved Half Cut," in *Seminar Nasional Inovasi dan Aplikasi Teknologi di Industri*, ITN Malang, 4 Februari 2017.
- [15] Ansoft Corporation, *User's Guide – High Frequency Structure Simulator*, Tenth Edition, Pittsburgh: Ansoft Corporation, June 2005.
- [16] L.G. Maloratsky, "Microstrip Circuits with a Modified Ground Plane," *High Frequency Electronics*, December 2009.
- [17] W. Liu, Y. Yin, W. Xu,S. Zuo, "Compact Open-Slot Antenna With Bandwidth Enhancement," *IEEE Antennas and Wireless Propagation Letters*, vol. 10, pp. 850-853, 2011.
- [18] P. Kumar, R. Mahmood, J. Kishor, A. K. Shrivastav, "Design of broad band microstrip shorted patch antenna with semicircular cut on non radiating edge," in *International Conference on Emerging Trends in Electronic and Photonic Devices & Systems*, Varanasi, India, 2009, pp. 376-378.
- [19] F.Y. Zulkifli, D. Rodhiah, E.T. Rahardjo, "Dual band microstrip antenna using U and S slots for WLAN application," in *Conf. 2007 IEEE Antennas and*

Propagation Society International Symposium, Honolulu, HI, USA, 2007, pp. 2049-2052.

- [20] T. Firmansyah, Herudin, F. Kurniawan, Y. R. Denny, "Multiband microstrip antenna array with slot and array method for GSM, WCDMA, and LTE," in *2017 International Conference on Broadband Communication, Wireless Sensors and Powering (BCWSP)*, Jakarta, Indonesia, 2017, pp. 1-5.

