DAFTAR PUSTAKA

[1] M. P. Supriadi, N. Madhatillah dan H. Ludiyati, "Pengaruh Defected Ground Structure (DGS) Geometri Vertikal terhadap Antena Mikrostrip Berbahan Material Dielektrik Artifisial," *Prosiding The 12th Industrial Research Workshop and National Seminar,* pp. 638-644, 2021.

[2] J. D. D, C. C. K dan S. C. R, "IEEE 802.11ax: Next Generation Wireless Local Area Networks," *10th International Conference on Heterogeneous Networking for Quality Reliability Security and Robustness (QSHINE),* pp. 78-82.

[3] Cisco, "IEEE 802.11.ax: The Sixth Generation of Wi-Fi," *(online),* 2020.

[4] C. A. Balanis, Antenna Theory Analysis and Design, New Jersey: A John Wiley & Sons, Inc., 2005.

[5] I. Mohamed, E. Abdelmounim, J. Zbitou, H. Bennis, and M. Latrach, "A miniature l-slot microstrip printed antenna for RFID," *TELKOMNIKA Indonesian Journal of Electrical Engineering*, vol. 16, no.5, pp. 1923-1930, 2018.

[6] A. V. R dan S. N. Reddy, "Design of an 8x1 Square Microstrip Patch Antenna Array," *International Journal of Electronic Engineering Research,* vol. 1, pp. 71-77, 2009.

[7] Munir, Achmad, Guntur Petrus dan Hardi Nusantara. *Multiple Slot Technique for Bandwidth Enhancement of Microstrip Rectangular Patch Antenna.* Institut Teknologi Bandung. 2013

[8] W. Marzudi, Z. Abidin, S. Dahlan, M. Yue, R. A. Abd-Alhameed dan M. B. Child, "Compact Orthogonal Wideband Printed MIMO Antenna for WiFi/WLAN/LTE Applications," *Microwave and Optical Technology Letters,* vol. 57, pp. 1733-1738, 2015.

[9] B. B. Rijadi, "Perancangan Antena Mikrostrip Circular Dengan U-*Slot* untuk Aplikasi 5G di Indonesia," *Jurnal Teknik,* vol. 21, pp. 16-19, 2020.

[10] A. F. Alsager, Design and Analysis of Microstrip Patch Antenna Arrays, University College of Boras, 2011.

[11] E. Sandi dan W. Djatmiko, Antena dan Propagasi Gelombang, Jakarta: Fakultas Teknik Universitas Negeri Jakarta, 2012.

[12] F. Saleh, Rancang Bangun Antena Mikrostrip Metode Phase Array Peradiasi Rectangular 4 Element Patch Frekuensi 900 Mhz, Jember: Jurusan teknik Elektro, Fakultas Teknik, Universitas Jember, 2015.

[13] S. Gupta dan T. Srivastava, "A Review on Microstrip Patch Antenna and its MIniaturisation Techniques," *International Journal of Engineering and Technical Research (IJETR),* vol. 7, no. 7, pp. 81-84, 2017.

[14] A. Kaushal dan S. Tyagi, "Microstrip Patch Antenna Its Types, Merits Demerits and Its Application," *International Journal of Engineering Sciences & Research Technology,* vol. 4, no. 7, pp. 619-622, 2015.

[15] R. Mishra, "An Overview of Microstrip Antenna," *International Journal of Technology Innovations and Research (IJTIR),* vol. 21, no. 2, pp. 1-17, 2016.

[16] D. Darmawan, Rancang Bangun Antena Mikrostrip Metode Planar Array 4 Elemen Patch Sebagai Penguat Sinyal Wi-Fi, Jember: Jurusan Teknik Elektro, Fakultas Teknik, Universitas Jember, 2016.

[17] T. Firmansyah, H. A. SP dan T. Supriyanto, "Peningkatan *Bandwidth* Antena Mikrostrip Lingkaran Menggunakan Metode Beleved Half Cut," *Seminar Nasional Inovasi Dan Aplikasi Teknologi di Industri 2017,* pp. B61.1-B61.4, 2017.

[18] N. A. Muhammad, Y. M. Muhammad, Y. Idris dan A. B. Kunya, "Design and Analysis of Rectangular Microstrip Patch Antenna Resonating at %.2 GHz for WLAN Applications," *International Conference on Electrical Engineering Applications (ICEEA 2020),* pp. 330-335, 2020.

[19] M. Alaydrus, Antena Prinsip dan Aplikasi, Yogyakarta: Graha Ilmu, 2011.

[20] A. Mehta, "Microstrip Antenna," *International Journal of Scientific & Technology Research,* vol. 4, no. 3, pp. 54-57, 2015.

[21] H. M. Elkamchouchi dan R. A. Salem, "MIcrostrip Patch Antenna with Double I *Slot* for Wide Band Applicatiions," *SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE),* vol. 3, no. 3, pp. 24-26, 2016.

[22] B. B, "IEEE 802.11ax : High-efficiency wlans," *IEEE Wireless Communications,* vol. 23, pp. 38-46, 2016.

[23] W. Rong, Wi-Fi 6E Performance Evaluation in Industrial Scenarios, Stockholm, Sweden: KTH Royal Institute of Technology. School of Electrial Engineering and Computer Science, 2021.

[24] D. Der-Jiunn, C. Kwang-Cheng dan C. Rung-Shiang, "IEEE 802.11ax: Next Generation Wireless Local Area Networks," *10th International Conference o heterogeneous Networking for Quality, Reliability, Security and Robustness (QSHINE),* pp. 77-82, 2014.

[25] *Ansoft* Corporation, *Ansoft* High Frequency Structure Simulator v10 User's Guide, Pittsburgh, USA: 225 West Station Square DR. Suite 200, 2005.