

## DAFTAR PUSTAKA

- [1] Ciksadan, F. T. Elektro, and U. Politeknik Negeri Sriwijaya, Perancangan Antena Microstrip Untuk LTE, vol.5 No.1 ,(2019)
- [2] T. Z. Fadhil, N. A. Murad, M. K. A. Rahim, M. R. Hamid and L. O. Nur, A Beam-Split Metasurface Antena for 5G Applications, in IEEE Access, vol. 10, pp. 1162-1174, 2022, doi: 10.1109/ACCESS.2021.3137324.
- [3] Ciksadan, F. T. Elektro, and U. Politeknik Negeri Sriwijaya, Perancangan Antena Microstrip Untuk LTE, vol.5 No.1 ,(2019)
- [4] K. Gangwar, D. Paras dan D. R. Gangwar, Metamaterials: Characteristics, Process and Applications, Advance in Electronic and Electrical Engineering, vol. 4, pp. 97 106, (2014)
- [5] S., Y. S/ Sherin Sabrina, Realisasi Low Noise Amplifier 3,6 GHz Menggunakan Penyesuai Impedansi Single Stub Untuk Aplikasi Radar Pengawas Pantai, no. 2020, pp. 7-12 (2020)
- [6] G. F. Heraldly, F. T. Elektro, and U. Telkom, Peningkatan Gain Antena Mikrostrip Menggunakan Metamaterial Sebagai Reflektor Dalam Komunikasi 5G Pada Frekuensi 3.5 GHz, Bandung, Indonesia (2021)
- [7] M. K. T. Al-Nuaimi and W. G. Whittow, Compact microstrip band stop filter using SRR and CSSR: Design, simulation and results, EuCAP 2010 - 4th Eur. Conf. Antenas Propag., no. May 2014, pp. 1-6, 2010
- [8] Wahyudin *Luthfi Free Space loss* 13 Februari 2024
- [9] Oktavia. Galuh Entin, F. T. Elektro, and U. Telkom, Desain dan Realisai Lownoise Amplifier Pada Frekuensi C- Band %6 GHz Untuk Aplikasi Radar Cuaca, Bandung Indonesia, (2017)
- [10] Holloway CL, Kuester EF, Gordon JA, O'Hara J, Booth J, Smith DR, An overview of the theory and applications of metasurfaces: the two-dimensional equivalents of metamaterials. IEEE Antennas Propag Mag 54(2):10–35, (2012)
- [11] Bilotti, F., & Yakovlev, A. B. (Eds.). (2009). Metamaterials: Theory, design, and applications. Springer.

- [12] David M. Pozar, *Microwave Engineering*, 4th Edition, John Wiley & Sons, 2011.
- [13] C. A. Balanis, *Antenna Theory: Analysis and Design*, 4th Edition, Wiley, 2016.
- [14] 3GPP, "NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone," 3GPP TS 38.101-1, V16.9.0, 2021.