

## DAFTAR PUSTAKA

- [1] dan Dyan Nastiti Novikasari, “DESAIN DAN SIMULASI ANTENA MICROSTRIP SEMICIRCULAR HALF U-SLOT UNTUK APLIKASI MODEM GSM 1800 MHZ,” 2013.
- [2] S. Alam and R. F. Nugroho, “PERANCANGAN ANTENA MIKROSTRIP ARRAY 2x1 UNTUK MENINGKATKAN GAIN UNTUK APLIKASI LTE PADA FREKUENSI 2.300 MHz DESIGNING 2x1 ARRAY MICROSTRIP ANTENNA TO IMPROVE GAIN FOR LTE APPLICATIONS IN 2,300 MHz FREQUENCY.”
- [3] M. Anab, M. I. Khattak, S. M. Owais, A. A. Khattak, and A. Sultan, “Design and analysis of millimeter wave dielectric resonator antenna for 5g wireless communication systems,” *Progress In Electromagnetics Research C*, vol. 98, pp. 239–255, 2020, doi: 10.2528/PIERC19102404.
- [4] G. Wibisono, T. Firmansyah, D. Ma, A. Tirtayasa Jl Jendral Sudirman Km, and K. Perhubungan, “Perancangan LNA untuk Radar Automatic Dependent Surveillance-Broadcast (ADS-B) Pada Frekuensi 1090 MHz dengan Multistub Matching,” vol. 1, no. 1, 2012.
- [5] C. A. Balanis, *ANTENNA THEORY ANALYSIS AND DESIGN THIRD EDITION*. [Online]. Available: [www.copyright.com](http://www.copyright.com).
- [6] F. Alhaqqi, “Perancangan dan Pembuatan Antena Mikrostrip Circular Polarization menggunakan Metasurface untuk Aplikasi 5G.”
- [7] D. Mariani *et al.*, “Jurnal Sustainable: Jurnal Hasil Penelitian dan Industri Terapan,” vol. 07, no. 01, pp. 7–12, 2018.
- [8] Y. Dong and T. Itoh, “Metamaterial-based antennas,” in *Proceedings of the IEEE*, Institute of Electrical and Electronics Engineers Inc., 2012, pp. 2271–2285. doi: 10.1109/JPROC.2012.2187631.
- [9] C. Arora, S. S. Pattnaik, and R. N. Baral, “SRR Inspired Microstrip Patch Antenna Array,” 2015.
- [10] “Low-Noise Amplifier for 5G Applications,” *International Research Journal of Modernization in Engineering Technology and Science*, Jun. 2023, doi: 10.56726/irjmets41377.

- [11] S. Alam and R. F. Nugroho, "PERANCANGAN ANTENA MIKROSTRIP ARRAY 2x1 UNTUK MENINGKATKAN GAIN UNTUK APLIKASI LTE PADA FREKUENSI 2.300 MHz DESIGNING 2x1 ARRAY MICROSTRIP ANTENNA TO IMPROVE GAIN FOR LTE APPLICATIONS IN 2,300 MHz FREQUENCY."
- [12] A. Jurusan Elektro Fakultas Teknik Universitas Sultan Ageng Tirtayasa, *The 3 rd National Conference on Industrial Electrical and Electronics (NCIEE) Proceedings Perancangan Antena Mikrostrip Patch Segi Empat Frekuensi 3,3 GHz Untuk Aplikasi WiMAX.*
- [13] B. Nasiri, A. Errkik, J. Zbitou, A. Tajmouati, L. Elabdellaoui, and M. Latrach, "A novel design of a compact miniature microstrip low pass filter based on SRR," in *2017 International Conference on Wireless Technologies, Embedded and Intelligent Systems, WITS 2017*, Institute of Electrical and Electronics Engineers Inc., May 2017. doi: 10.1109/WITS.2017.7934686.
- [14] G. E. Oktavia, S. Bambang, S. T. M. T. Nugroho, and Y. Sulaeman, "DESAIN DAN REALISASI DOUBLE STAGE LOW NOISE AMPLIFIER PADA FREKUENSI C-BAND 5.6 GHZ UNTUK APLIKASI RADAR CUACA DESIGN AND REALIZATION OF DOUBLE STAGE LOW NOISE AMPLIFIER ON C-BAND 5.6 GHZ FREQUENCY FOR WEATHER RADAR APPLICATIONS."
- [15] A. Charisma *et al.*, "Low Noise Amplifier Dual Stage dengan Metode  $\pi$ -Junction untuk Long Term Evolution (LTE) Low Noise Amplifier Dual Stage Using  $\pi$ -Junction Method for Long Term Evolution (LTE)," *TELKA*, vol. 8, no. 2, pp. 116–125, 2022.
- [16] A. KARYANA, Y. S. ROHMAH, and B. PRASETYA, "Realisasi LNA Dua Tingkat dengan Teknik Penyesuai Impedansi Trafo  $\lambda/4$  dan Lumped Element untuk DVB-T2," *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, vol. 8, no. 1, p. 1, Jan. 2020, doi: 10.26760/elkomika.v8i1.1.
- [17] C. A. Balanis, *ANTENNA THEORY ANALYSIS AND DESIGN THIRD EDITION*. [Online]. Available: [www.copyright.com](http://www.copyright.com).