DAFTAR PUSTAKA

[1] X. Lin *et al.*, "5G New Radio: Unveiling the Essentials of the Next Generation Wireless Access Technology," *IEEE Communications Standards Magazine*, vol. 3, no. 3, pp. 30–37, Sep. 2019, doi: 10.1109/MCOMSTD.001.1800036.

[2] M. Ulfah, "Perfomansi Parameter Carrier to Noise Interference Ratio (C/N+I) terhadap Penggunaan Metode Physical Cell Identitiy (PCI) Teknologi 4G LTE 1800 MHz," *Jurnal Sains Terapan (JST)*, vol. 5, no. 1, 2019.

[3] Y. Kryukov, D. Pokamestov, and E. Rogozhnikov, "Cell search and synchronization in 5G NR," *ITM Web of Conferences*, p. 4, 2019, doi: 10.1051/itmconf/201930.

[4] HUAWEI, "5G PCI & PRACH Planning," 2023.

[5] M. Ulfah and P. Negeri Balikpapan, "Analisa Pengaruh Penggunaan Physical Cell Identity (PCI) pada Perancangan 4G LTE," academia.edu, 2017, doi: 10.20895/infotel.v9i4.

[6] C. E. Andrade, L. S. Pessoa, and S. Stawiarsk, "The Physical Cell Identity Assignment Problem: a Practical Optimization Approach," *IEEE Transactions on Evolutionary Computation*, 2022, doi: 10.1109/TEVC.2022.3185927.

[7] E. Bastianto and E. P. Laksana, "PERENCANAAN JARINGAN INDOOR LONG TERM EVOLUTION (LTE) MENGGUNAKAN PHYSICAL CELL IDENTITY (PCI) DI LIPPO PLAZA MAMPANG," JURNAL MAESTRO, Vol. 2, no. 1, 2019.

[8] R. N. Esa, A. Hikmaturokhman, and A. R. Danisya, "5G NR Planning at Frequency 3.5 GHz : Study Case in Indonesia Industrial Area," in *Proceeding - 2020 2nd International Conference on Industrial Electrical and Electronics, ICIEE 2020*, Institute of Electrical and Electronics Engineers Inc., Oct. 2020, pp. 187–193. doi: 10.1109/ICIEE49813.2020.9277427.

[9] F. K. Karo, A. Hikmaturokhman, and M. A. Amanaf, "5G New Radio (NR) Network Planning at Frequency of 2.6 GHz in Golden Triangle of Jakarta," in *2020 3rd International Seminar on Research of Information Technology and Intelligent Systems, ISRITI 2020*, Institute of Electrical and Electronics Engineers Inc., Dec. 2020, pp. 278–283. doi: 10.1109/ISRITI51436.2020.9315504.

[10] Institute of Electrical and Electronics Engineers, *2019 IEEE 90th Vehicular Technology Conference (VTC2019-Fall) : proceedings : Honolulu, Hawaii, USA, 22-25 September 2019.*

[11] Z. Chen, Y. Ding, and L. Ruan, “SERs of Different Modulation Systems in 1G-4G,” in *Journal of Physics: Conference Series*, Institute of Physics, 2022. doi: 10.1088/1742-6596/2384/1/012049.

[12] T. Yuniarto, L. Kompas, and J. P. Selatan, “Masa Depan Jaringan 5G dan Perilaku Komunikasi Digital,” Ikatan Sarjana Komunikasi Indonesia, 2019.

[13] N. Lal, S. M. Tiwari, D. Khare, and M. Saxena, “Prospects for handling 5G network security: Challenges, recommendations and future directions,” in *Journal of Physics: Conference Series*, IOP Publishing Ltd, Jan. 2021. doi: 10.1088/1742-6596/1714/1/012052.

[14] U. Ramadhani, W. Febrianti, and H. Najemi, “Analisis Performansi Sistem Jaringan Femtocell 5G Berbasis Simulasi,” ELECTRICIAN – Jurnal Rekayasa dan Teknologi Elek, Vol. 14, no. 1, 2018.

[15] Y. Huo, X. Dong, W. Xu, and M. Yuen, “Enabling Multi-Functional 5G and beyond User Equipment: A Survey and Tutorial,” *IEEE Access*, vol. 7, pp. 116975–117008, 2019, doi: 10.1109/ACCESS.2019.2936291.

[16] M. Sedlacek and R. Bestak, “Evaluation of Random Physical Cell Id Assignment to Femtocells Under Dense Cell Deployment,” *Wirel Pers Commun*, vol. 104, no. 2, pp. 753–769, Jan. 2019, doi: 10.1007/s11277-018-6049-y.

[17] S. Larasati, K. Ni, Z. Hanni Pradana, and I. J. Teknologi Telkom Purwokerto DI Panjaitan No, “ANALYSIS OF 5G NETWORK PERFORMANCE IN LINE-OF-SIGHT CONDITIONS USING 3.3 GHZ FREQUENCY AT SAWAHAN, SURABAYA,” JOURNAL OF INFORMATION TECHNOLOGY AND ITS UTILIZATION, Vol.5, no. 2, 2022.

[18] G. Fahira, A. Hikmaturokhman, and A. R. Danisya, “5G NR Planning at mmWave Frequency : Study Case in Indonesia Industrial Area,” in *Proceeding - 2020 2nd International Conference on Industrial Electrical and Electronics, ICIEE 2020*, Institute of Electrical and Electronics Engineers Inc., Oct. 2020, pp. 205–210. doi: 10.1109/ICIEE49813.2020.9277451.

[19] TSGR, “TR 138 901 - V16.1.0 - 5G; Study on channel model for frequencies from 0.5 to 100 GHz (3GPP TR 38.901 version 16.1.0 Release 16),” 2020. [Online]. Available: https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx

[20] P. Yadita, A. Fahmi, and V. Sigit, “PENGELOLAAN SUMBER DAYA RADIO DAN MITIGASI INTERFERENSI PADA KOMUNIKASI DEVICE TO DEVICE YANG UNDERLAYING PADA JARINGAN 5G RADIO RESOURCE MANAGEMENT AND INTERFERENCE MITIGATION FOR DEVICE TO DEVICE COMMUNICATION

UNDERLAYING 5G NETWORK," *e-Proceeding of Engineering*, Vol. 6, no. 2, 2019.

[21] Agus Budi Santoso, "Kota Surabaya Dalam Angka 2023," Badan Pusat Statistik Kota Surabaya, 2023.