



DAFTAR PUSTAKA

DAFTAR PUSTAKA

- [1] R. Desi, “Analisis Tekno Ekonomi Perencanaan Jaringan 5G Menggunakan Frekuensi 26 GHZ Di Daerah Kawasan Industri Pulogadung,” 2021, doi: 10.1109/ISRITI51436.2020.9315455.
- [2] 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*, 2020, pp. 278–283. doi: 10.1109/ISRITI51436.2020.9315504.
- [3] A. Hikmaturokhman, M. Suryanegara, and K. Ramli, “A Comparative Analysis of 5G Channel Model with Varied Frequency: A Case Study in Jakarta,” *2019 7th Int. Conf. Smart Comput. Commun. ICSCC 2019*, pp. 1–5, 2019, doi: 10.1109/ICSCC.2019.8843632.
- [4] G. Smail and J. Weijia, “Techno-economic analysis and prediction for the deployment of 5G mobile network,” *Proc. 2017 20th Conf. Innov. Clouds, Internet Networks, ICIN 2017*, no. 2015, pp. 9–16, 2017, doi: 10.1109/ICIN.2017.7899243.
- [5] S. B. Barutu, A. Hikmaturokhman, and M. P. K. Praja, “Planning of 5G New Radio (NR) mmWave 26 GHz in Karawang Industrial Area,” *2020 IEEE Int. Conf. Commun. Networks Satell. Comnetsat 2020 - Proc.*, pp. 42–49, 2020, doi: 10.1109/Comnetsat50391.2020.9329010.
- [6] D. Marya and A. Wahyudin, “Analisis Perbandingan Performa Pada Perancangan Jaringan 5G New Radio Menggunakan Frekuensi 3 , 5 Dan 24 Ghz Di Kota Yogyakarta Comparisonal Analysis of Performance on 5G New Radio Network Design Using 3 . 5 and 24 Ghz Frequency in,” vol. 9, no. 1, pp. 1199–1211, doi: 10.25124/jett.v9i1.5052.
- [7] A. Sukarno, A. Hikmaturokhman, and D. Rachmawaty, “Comparison of 5G NR Planning in Mid-Band and High-Band in Jababeka Industrial Estate,” *2020 IEEE Int. Conf. Commun. Networks Satell. Comnetsat 2020 - Proc.*, pp. 12–17, 2020, doi: 10.1109/Comnetsat50391.2020.9329000.
- [8] A. Kirang, A. Hikmaturokhman, and K. Ni’amah, “5G NR Network Planning Analysis using 700 Mhz and 2.3 Ghz Frequency in The Jababeka Industrial Area,” *J. INFORMATICS Telecommun. Eng.*, vol. 6, no. 2, pp. 403–413, 2023, doi: 10.31289/jite.v6i2.8270.
- [9] A. Hikmaturokhman, L. Anora, S. Larasati, A. Sukarno, R. Syafrullah, and K. Ni’amah, “Performance analysis of 5G stand alone inter-band carrier aggregation,” *J. Commun.*, vol. 16, no. 11, pp. 492–499, 2021, doi: 10.12720/jcm.16.11.492-499.
- [10] H. Yuliana, F. M. Santoso, S. Basuki, and M. R. Hidayat, “Analisis Model

- Propagasi 3GPP TR38 . 900 Untuk Perencanaan Jaringan 5G New Radio (NR) Pada Frekuensi 2300 MHz di Area Urban Analysis of Propagation Model 3GPP TR38 . 900 for 5G New Radio (NR) Network Planning at 2300 MHz in Urban Areas,” *Telekontran*, Vol. 10, No. 2, Oktober 2022, vol. 10, no. 2, pp. 1–8, 2022, [Online]. Available: <https://ojs.unikom.ac.id/index.php/telekontran/article/download/8233/3321>
- [11] Huawei Technologies Co., “5G Link Budget: Best Partner for Innovation,” pp. 1–15, 2018.
- [12] B. P. Statistik Yogyakarta, “Kota Yogyakarta Dalam Angka 2022,” vol. 4, no. 1, pp. 64–75, 2022.
- [13] U. M. D. E. C. D. E. Los, “Kota Yogyakarta Dalam Angka 2023”, [Online]. Available: [data bps/Kota Yogyakarta Dalam Angka 2023](https://data.bps.kota-yogyakarta.go.id/data-angka).
- [14] Sophia Antipolis, “3GPP Technical Report: Study on channel model for frequencies from 0.5 to 100 GHz (3GPP TR 38.901 version 16.1.0 Release 16),” *3GPP Tech. Rep.*, vol. 3GPP TR 38, no. 16, 2020.
- [15] A. Febian, R. Adaniah, S. Ariyanti, D. Kusumawati, E. Kiki, and A. Aziz, *Studi Lanjutan 5G Indonesia 2018 Spektrum Outlook dan Use Case untuk Layanan 5G Indonesia*. 2018. [Online]. Available: <http://balitbangsdm.kominfo.go.id>
- [16] V.A.R.Barao, R.C.Coata, J.A.Shibli, M.Bertolini, and J.G.S.Souza, “PERATURAN WALIKOTA YOGYAKARTA,” *Braz Dent J.*, vol. 33, no. 1, pp. 1–12, 2022, [Online]. Available: https://jdih.jogjakota.go.id/asset/abstrak/2023_03_23_15_02_11-1127877346.pdf
- [17] M. I. Nashiruddin, P. Rahmawati, and M. A. Nugraha, “Network Planning Analysis of 5G Millimeter-Wave Deployment in Indonesia’s Dense Urban Area,” in *2021 IEEE 12th Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2021*, 2021, pp. 887–893. doi: 10.1109/UEMCON53757.2021.9666724.
- [18] K. Khotimah *et al.*, “Analisis Key Performance Indicator (Kpi) Jaringan Telekomunikasi Gsm Pada Pt . Hutchison 3 Indonesia (H3I),” 1999, [Online]. Available: <https://media.neliti.com/media/publications/191284-ID-analisis-key-performance-indicator-kpi-j.pdf>
- [19] M. Fuentes *et al.*, “5G New Radio Evaluation against IMT-2020 Key Performance Indicators,” *IEEE Access*, vol. 8, no. June 2018, pp. 110880–110896, 2020, doi: 10.1109/ACCESS.2020.3001641.
- [20] K. Khotimah *et al.*, “Analisis Key Performance Indicator (Kpi) Jaringan Telekomunikasi Gsm Pada Pt . Hutchison 3 Indonesia (H3I),” 1999, [Online]. Available: <https://media.neliti.com/media/publications/191284-ID-analisis-key-performance-indicator-kpi-j.pdf>
- [21] M. Fuentes *et al.*, “5G New Radio Evaluation against IMT-2020 Key

- Performance Indicators,” *IEEE Access*, vol. 8, no. June 2018, pp. 110880–110896, 2020, doi: 10.1109/ACCESS.2020.3001641.
- [22] H. U. Mustakim, “Tantangan Implementasi 5G di Indonesia,” *INTEGER J. Inf. Technol.*, vol. 4, no. 2, pp. 1–10, 2019, doi: 10.31284/j.integer.2019.v4i2.561.
- [23] A. Febian, R. Adaniah, S. Ariyanti, D. Kusumawati, E. Kiki, and A. Aziz, *Studi Lanjutan 5G Indonesia 2018 Spektrum Outlook dan Use Case untuk Layanan 5G Indonesia*. 2018. [Online]. Available: <http://balitbangsdm.kominfo.go.id>
- [24] Kementerian KOMINFO, “Peraturan Menteri Komunikasi dan Informatika Nomor 4 Tahun 2020 tentang Penggunaan Spektrum Frekuensi Radio Pada Pita Frekuensi Radio 2,3 GHz,” *Kementerian KOMINFO*, 2020. https://jdih.kominfo.go.id/produk_hukum/view/id/755/t/peraturan+menteri+komunikasi+dan+informatika+nomor+4+tahun+2020 (accessed Jun. 28, 2023).
- [25] U. Aryanto, “Bab III - Metode Penelitian Metode Penelitian,” *Metod. Penelit.*, pp. 32–41, 2018.
- [26] D. Wirawangsa, A. H. S. Budi, and F. N. Sabri, “Perencanaan Jaringan Seluler GSM 1800 MHz Pada Tahun 2025 Menggunakan Software Atoll Untuk Daerah Sukasari Kota Bandung,” *Ina. J. Ind. Qual. Eng.*, vol. 8, no. 1, pp. 11–24, 2020, doi: 10.34010/iqe.v8i1.2766.
- [27] M. I. Nashiruddin, P. Rahmawati, and M. A. Nugraha, “Assessment of 5G Non-Stand Alone Network Deployment Using 700 MHz for Urban Scenario,” *2022 10th Int. Conf. Inf. Commun. Technol. ICoICT 2022*, pp. 299–304, 2022, doi: 10.1109/ICoICT55009.2022.9914879.
- [28] M. I. Nashiruddin, P. Rahmawati, and M. A. Nugraha, “Assessment of 5G Non-Stand Alone Network Deployment Using 700 MHz for Urban Scenario,” *2022 10th Int. Conf. Inf. Commun. Technol. ICoICT 2022*, pp. 299–304, 2022, doi: 10.1109/ICoICT55009.2022.9914879.
- [29] C. M. Annur, “Pengguna Media Sosial di Indonesia Berdasarkan Umur & Gender (Statista, 2020).” [Online]. Available: <https://databoks.katadata.co.id/datapublish/2020/11/23/berapa-usia-mayoritas-pengguna-media-sosial-di-indonesia>
- [30] P. Jogja, “Peta Administrasi Kota Yogyakarta,” 2023, [Online]. Available: <https://dokumen.tips/documents/peta-jogja.html?page=1>

- [31] R. M. Permadi, "ANALISIS RETURN ON INVESTMENT (ROI) DAN RESIDUAL INCOME (RI) GUNA MENILAI KINERJA KEUANGAN PERUSAHAAN (Studi pada PT. Astra International, Tbk. Periode 2008-2012)," *J. Adm. Bisnis*, vol. 45, no. Vol 5, No 1 (2013): SEPTEMBER, pp. 111–117, 2013.
- [32] Wholesale Original Huawei 5G BBU BBU3900 WD2M048BBU01 03021127 (no date) Wholesale Original Huawei 5g Bbu Bbu3900 Wd2m048bbu01 03021127 - Buy Bbu,Bbu3900,Huawei Bbu Product on Alibaba.com. Available at: https://www.alibaba.com/product-detail/Wholesale-Original-Huawei-5G-BBU-BBU3900_1600727019355.html?spm=a2700.details.0.0.2a3751f13fsiWz (Accessed: 2 January 2024).