

DAFTAR PUSTAKA

- [1] Hendraningrat, Denny Kusuma dan Denny Setiawan. (2017). *Roadmap Broadband Indonesia menuju Era Teknologi 5G*. Jakarta: PT Elex Media Komputindo.
- [2] N. W. Paper and R. W. Paper, “5G use cases and requirements,” p. 5, 2016.
- [3] Dinas Kominfo, Studi Lanjutan 5G Indonesia 2018 Spektrum Outlook dan Use Case untuk Layanan 5G Indonesia. 2018. [Online]. Available: <http://balitbangsdm.kominfo.go.id>
- [4] R. N. Esa, “Perencanaan 5G NR pada Frekuensi 3 . 5 GHz : Studi Kasus di Kawasan Industri Indonesia,” pp. 187–193, 2020.
- [5] E. Eletr, “5G-NR Radio Planning for Connected and Autonomous Vehicles Services,” no. February, 2021.
- [6] 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,” 2020 3rd Int. Semin. Res. Inf. Technol. Intell. Syst. ISRITI 2020, no. June, pp. 278–283, 2020, doi: 10.1109/ISRITI51436.2020.9315504.
- [7] D. H. Y. Pratama, “DASAR TEORI,” pp. 6–25, 2021.
- [8] Pompe, “Perbedaan Koneksi WiFi & Data Seluler pada Smartphone yang Perlu Anda Ketahui,” nusenet, 2021. <https://mdn.nusa.net.id/perbedaan-wifi-pada-smartphone/>
- [9] Khoirunnisa, “Opensignal: Pengguna Indonesia Pilih Download di 4G daripada Wifi,” Selular, 2021. <https://selular.id/2021/10/opensignal-pengguna-indonesia-pilih-download-di-4g-daripada-wifi/>
- [10] Kompas Media, “Rata-rata Kecepatan Internet 5G di Indonesia Saat Ini,” Kompas.com, 2021, [Online]. Available: <https://tekno.kompas.com/read/2022/06/06/11000077/rata-rata-kecepatan-internet-5g-di-indonesia-saat-ini?page=all>
- [11] 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.

- [12] G. P. Riyanto, "Nasib 5G di Indonesia pada 2022, Komersialisasi dan Keterbatasan Frekuensi," Kompas.com, 2022. <https://tekno.kompas.com/read/2022/01/25/09020077/nasib-5g-di-indonesia-pada-2022-komersialisasi-dan-keterbatasan-frekuensi?page=all#:~:text=Pemerintah sendiri menyiapkan tiga layer,di spektrum 26%2F28 GHz.>
- [13] TAM, "Perkembangan Teknologi 1G, 2G, 3G, 4G dan 5G," TAMTECH, 2018. <http://tamorawijaya.blogspot.com/2018/10/perkembangan-teknologi-1g-2g-25g-3g-35g.html>
- [14] P. Montague, "5G Standalone vs Non-standalone: Deployment models," STL Partn., [Online]. Available: <https://stlpartners.com/articles/telco-cloud/5g-deployment-models-standalone-vs-non-standalone/>
- [15] B. Wibisono, "COVERAGE PLANNING 5G NEW RADIO PADA FREKUENSI 2.3 GHZ DENGAN SKEMA OUTDOOR-TO-OUTDOOR LINE OF SIGHT DI KOTA SEMARANG," IT Telkom Purwokerto, 2021.
- [16] Kementerian Komunikasi dan Informatika, "Rencana Strategis Kementerian Komunikasi dan," <file:///C:/Users/HERMAWAN/Downloads/Documents/0158037X.2017.1336995.pdf>, pp. 51–52, 2020.
- [17] M. Ulfah, "Peningkatan Area Jangkuan Jaringan 4G Lte (Studi Kasus Kecamatan Samarinda Ulu)," J. ECOTIPE, vol. 5, no. 1, pp. 33–38, 2018, doi: 10.33019/ecotipe.v5i1.32.
- [18] S. Lumumba, "Penerapan Teknologi 5G di Indonesia," e2 Consulting, 2019. <https://e2consulting.co.id/2019/12/17/penerapan-teknologi-5g-di-indonesia/> (accessed Jun. 12, 2022).
- [19] 3GPP, "TR 138 900 - V14.2.0 - LTE; 5G; Study on channel model for frequency spectrum above 6 GHz (3GPP TR 38.900 version 14.2.0 Release 14)," vol. 0, 2017, [Online]. Available: <https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx>

- [20] ETSI, “ETSI TS 138 306 - V16.5.0 - 5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.5.0 Release 16),” Etsi Ts 138 306, vol. 0, 2021, [Online]. Available: <https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx>
- [21] Wolf, M., & Eder, M. (n.d.). *V2I: Vehicle-to-Infrastructure use cases and demonstrator*. 11–23.
- [22] A. Khan, “Test instruments tackle 5G,” TEST & MEASUREMENT TIPS, 2019
- [23] 3GPP TR 38.901 version 16.11.0 Release 16, “Study on channel model for frequencies from 0.5 to 100 GHz,” ETSI, Technical Rep., vol. 0, 2020.
- [24] M. H. C. Garcia et al., “A Tutorial on 5G NR V2X Communications,” IEEE Commun. Surv. Tutorials, vol. 23, no. 3, pp. 1972–2026, 2021, doi: 10.1109/COMST.2021.3057017.
- [25] “Wireless Network Engineering Software Atoll is a multi-technology wireless network design and optimisation platform that supports wireless operators throughout the network lifecycle , from initial design to densification and optimisation .”
- [26] M. T. Kawser, M. S. Fahad, S. Ahmed, S. S. Sajjad, and H. A. Rafi, “The Perspective of Vehicle-to-Everything (V2X) Communication towards 5G,” Int. J. Comput. Sci. Netw. Secur., vol. 19, no. 4, pp. 146–155, 2019.
- [27] Surabaya, B. P. S. K. (2022). Kota Surabaya dalam Angka 2022. *Bappeda Potensi Wilayah*, 4(1), 1–27. <http://bappeda.jatimprov.go.id/bappeda/wp-content/uploads/potensi-kab-kota-2013/kota-surabaya-2013.pdf>
- [28] K. Ganesan, P. B. Mallick, J. Lohr, D. Karampatsis, and A. Kunz, “5G V2X Architecture and Radio Aspects,” 2019 IEEE Conf. Stand. Commun. Networking, CSCN 2019, no. October, 2019, doi: 10.1109/CSCN.2019.8931319.
- [29] Wahyudi, M. I. (2022). *Penataan Lalu Lintas Kawasan Pariwisata Tunjungan Romansa di Kota Surabaya*. <http://digilib.ptdisttd.net/1660/>