

DAFTAR PUSTAKA

- [1] Pemerintah Daerah Kabupaten Sidoarjo, Pemerintah Daerah Kabupaten Sidoarjo "Profil Industri Besar dan Sedang Kabupaten Sidoarjo", Kabupaten Sidoarjo: PEMERINTAH DAERAH KABUPATEN SIDOARJO, 2017.
- [2] Ordonez, Jose, Jests F, Luis M, and Antonio Pastor, "The Use of 5G Non-Public Network to Support", JOURNAL OF INFORMATICS AND TELECOMMUNICATION ENGINEERING, 2019.
- [3] GLOBAL SYSTEM for MOBILE COMMUNICATION ASSOCIATION, "Road To 5G : Introduction and Migration," *GSMA White Paper, April 2018.*, 2018.
- [4] A. Hikmaturokhman, K. Ramli and M. Suryanegara, "Spectrum Considerations for 5G in Indonesia," 2018 International Conference on ICT for Rural Development (IC-ICTRuDev), Badung, Indonesia, 2018, pp. 23-28, doi: 10.1109/ICICTR.2018.8706874..
- [5] Achmad Kirang , Alfin Hikmaturokhman , Khoirun Ni'amah. "5G NR Network Planning Analysis using 700 Mhz and 2.3 Ghz Frequency in The Jababeka Industrial Area" DOI: 10.31289/jite.v6i2.8270.
- [6] R. Nur Esa, A. Hikmaturokhman and A. Rizal Danisya, "5G NR Planning at Frequency 3.5 GHz : Study Case in Indonesia Industrial Area," 2020 2nd International Conference on Industrial Electrical and Electronics (ICIEE), Lombok, Indonesia, 2020, pp. 187-193.,
- [7] 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 International Seminar on Research of Information Technology and Intelligent Systems (ISRITI), Yogyakarta,.

- [8] A. Sukarno, A. Hikmaturokhman and D. Rachmawaty, "Comparison of 5G NR Planning in Mid-Band and High-Band in Jababeka Industrial Estate," 2020 IEEE International Conference on Communication, Networks and Satellite (Comnetsat), Batam, Indonesia, 2020, pp. 1.
- [9] 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 International Conference on Communication, Networks and Satellite (Comnetsat), Batam, Indonesia, 2020, pp. 42-49, doi:..
- [10] A. Wulandari, M. Hasan, A. Hikmaturokhman, Ashamdono, L. Damayanti and Damelia, "5G Stand Alone Inter-Band Carrier Aggregation Planning in Kelapa Gading Jakarta Utara," 2021 2nd International Conference on ICT for Rural Development (IC-ICTRuDev), Jogjakar.
- [11] A. Wulandari, M. Hasan and A. Hikmaturokhman, "Private 5G Network Capacity and Coverage Deployment for Vertical Industries: Case Study in Indonesia," 2022 IEEE International Conference on Communication, Networks and Satellite (COMNETSAT), Solo, Indonesia.,
- [12] M. N. Hamidah, A. Hikmaturokhman and R. D. Wahyuningrum, "Assessing 5G Network Deployment Strategies in an Industrial Zone: A Case Study on Coverage and Capacity Planning,", 2023 IEEE International Conference on Communication, Networks and Satellite (COMNE).
- [13] Marco Carugi. "Distinguishing features - and high level requirements " ITU Regional Forum on Emergent Technologies, Tunis - Tunisia,: ITU-T Q20/13 Associate Rapporteur and SG13 Mentor, 23-24 April 2019.
- [14] White Paper 5G for Connected Industries and Automation Second Edition, 5G Alliance for Connected Industries and Automation, 2019.
- [15] IMT-2020, ITU-T Focus Group IMT-2020 Deliverables , 2017.

- [16] 5G;Study on channel model for frequencies from 0.5 to 100 GHz(3GPP TR 38.901 version 16.1.0 Release 16), ETSI TR 138 901 V16.1.0 (2020-11), 2020.
- [17] 5G-ACIA White Paper Industrial 5G Devices –Architecture and Capabilities, 5G Alliance for Connected Industries and Automation, 2018.
- [18] Report ITU-R M.2241 Compatibility studies in relation to Resolution 224 in the bands 698-806 MHz and 790-862 MHz, M Series Mobile, radiodetermination, 2011.
- [19] Report ITU-R M.2292-0 Characteristics of terrestrial IMT-Advanced systems for frequency sharing/interference analyses, M Series Mobile, radiodetermination, 2013.
- [20] Internet of things (IoT) – Regulatory aspects Trilok Dabeesing, ICT Authority 28 June 2017, ITU-D Regional-Presence Africa.
- [21] J. Satria, G. Feroza, G. Torulli, A. Ardi "Analisis Faktor-faktor Penentuan Lokasi Industri Studi Kasus: Kawasan Industri Berbek, Sidoarjo.", Surabaya, 24 Mei: Program Studi Perencanaan Wilayah dan Kota, Fakultas Teknik Sipil dan Perencanaan, Institut Teknologi Sepuluh Nopember, 2016.
- [22] R. Tri, "Daftar Perusahaan di Kawasan Industri Berbek Sidoarjo," 23 Maret 2018. [Online]. Available: <https://alamatdijatim.blogspot.com/2018/03/daftar-perusahaan-di-kawasan-industri-berbek-sidoarjo.html>. [Diakses 9 Juli 2024].
- [23] 3GPP, "3GPP TR 38.901 version 16.11.0 Release 16, Study on channel model for frequencies from 0.5 to 100 GHz," ETSI, 2020.
- [24] Characteristics of HF radio equipment for the exchange of digital data and electronic mail in the maritime mobile service (Recommendation ITU-R M.1798-2). Telecommunication Standardization Sector of ITU. International Telecommunication Union, ITU-T, 2021.

- [25] Report ITU-R P.2346-3: Compilation of measurement data relating to building entry loss. P Series: Radiowave propagation. International Telecommunication Union., ITU-R, 2021.
- [26] Recommendation ITU-R P.833-10: Attenuation in vegetation. P Series: Radiowave propagation. International Telecommunication Union, ITU-R, 2021.
- [27] Badan Pusat Statistika, “<https://sidoarjokab.bps.go.id/>,” 5 April 2024. [Online]. Available: <https://sidoarjokab.bps.go.id/indicator/151/107/1/keadaan-cuaca-di-bandara-udara-juanda-sidoarjo.html>. [Diakses 15 May 2024].
- [28] Recommendation ITU-R P.618-11: Propagation data and prediction methods required for the design of Earth-space telecommunication systems. P Series: Radiowave propagation. International Telecommunication Union., ITU-R, 2013.
- [29] “Recommendation ITU-R SM.1753-1: Methods for measurements of radio noise. SM Series: Spectrum management. International Telecommunication Union.,” ITU-R, 2010.
- [30] “Report ITU-R M.2135-1: Guidelines for evaluation of radio interface technologies for IMT-Advanced. M Series: Mobile, radiodetermination, amateur and related satellites services. International Telecommunication Union,” ITU-R, 2019.
- [31] www.forsk.com, “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,” Frosrk, 28 Mei 2023. [Online]. Available: <https://www.forsk.com/atoll-overview>. [Diakses 7 Juli 2024].
- [32] F. Safriansyah, Interviewee, *Mencari Data Mesin Pabrik Farmasi*. [Wawancara]. 9 Juli 2024.