

DAFTAR PUSTAKA

- [1] E. T. Sasongko and A. Mauludiyanto, "Perencanaan dan Penataan Menara Telekomunikasi Seluler Bersama di Kabupaten Sidoarjo Menggunakan Map Info," *J. Tek. ITS*, vol. 4, no. 1, pp. 124–129, 2015, [Online]. Available: <http://ejurnal.its.ac.id/index.php/teknik/article/view/5492>
- [2] AMY NORDRUMKRISTEN CLARKIEEE SPECTRUM, "Everything You Need to Know About 5G," *IEEE Spectrum*, 2017. <https://spectrum.ieee.org/everything-you-need-to-know-about-5g> (accessed Jul. 19, 2023).
- [3] 3GPP, "5G NR (Rel-15)," *3GPP*. 2019. Accessed: Jul. 19, 2019. [Online]. Available: <https://www.3gpp.org/lte-2>
- [4] Umam, "Pengertian Media Sosial, Sejarah, Fungsi, Jenis, Manfaat, dan Perkembangannya," *Gramedia*, 2021. <https://www.gramedia.com/literasi/pengertian-media-sosial/>
- [5] S. Dixon, "Leading Countries based on number of Twitter Users as of January 2023," *Statista*, 2023. <https://www.statista.com/statistics/242606/number-of-active-twitter-Users-in-selected-Countries/> (accessed Jul. 19, 2023).
- [6] R. Putri, *KLASIFIKASI KOMENTAR TWITTER TENTANG CITRA DEWAN PERWAKILAN RAKYAT (DPR) MENGGUNAKAN METODE K-NEAREST NEIGHBOR (K-NN) DAN NAÏVE BAYES*. 2019.
- [7] S. A. Ekawibowo, M. P. Pamungkas, and R. Hakimi, "Analysis of 5G Band Candidates for Initial Deployment in Indonesia," *Proceeding 2018 4th Int. Conf. Wirel. Telemat. ICWT 2018*, pp. 1–6, 2018, doi: 10.1109/ICWT.2018.8527780.
- [8] F. K. Karo, T. Engineering, A. Hikmaturokhman, T. Engineering, M. A. Amanaf, and T. Engineering, "5G New Radio (NR) Network Planning at Frequency of 2 . 6 GHz in Golden Triangle of Jakarta," pp. 278–283, 2021.
- [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] D. Handika, Y. Pratama, A. Hikmaturokhman, M. Alfin, D. N. Fadhilah, and A. M. Baharsyah, “Performance Evaluation of Inter-band *Carrier Aggregation* for Low-Band and Mid-Band in 5G Network”.
- [11] R. Mufid and U. P. Indonesia, “PERKEMBANGAN TEKNOLOGI 5G,” no. January, pp. 8–11, 2021, doi: 10.13140/RG.2.2.10535.57767.
- [12] V. Halizzah, “PERKEMBANGAN TEKNOLOGI 5G,” no. January, 2021, doi: 10.13140/RG.2.2.14867.50726.
- [13] 5G PROFESSIONAL, “Mengenal 5G NR (New Radio),” *5G Indonesia*, 2020. www.5g-indonesia.com/2020/08/mengenal-5g-nr-new-radio (accessed Jul. 27, 2023).
- [14] G. Mission and B. Series, “Emerging Trends in,” no. September, 2016.
- [15] Rogers, “What is enhanced *mobile broadband*?,” *Rogers for Business*, 2021. <https://www.rogers.com/business/blog/en/what-is-enhanced-mobile-broadband>
- [16] M. A. Siddiqi, H. Yu, and J. Joung, “5G Ultra-Reliable *Low-Latency* Communication Implementation Challenges and Operational Issues *with* IoT Devices,” pp. 1–18, 2019, doi: 10.3390/electronics8090981.
- [17] Gigabyte, “A Smart City Solution *with* 5G mMTC Technology,” *GIGABYTE Technology*, 2023. <https://www.gigabyte.com/Solutions/mmtc>
- [18] R. Hidayat, “ANALISIS POTENSI KUNCI TEKNOLOGI 5G UNTUK IMPLEMENTASI OPTIMAL : STUDI KASUS DI JAWA BARAT KEY POTENTIAL ANALYSIS OF 5G TECHNOLOGY FOR OPTIMAL IMPLEMENTATION : CASE STUDY IN WEST JAVA,” 2017.
- [19] U. K. Usman and M. A. Irwan, “KEY TEKNOLOGI 5G mmWave , Small Cell and Massive MIMO,” pp. 65–73, 2020.
- [20] faysalji, “SA dan NSA,” *Huawei*, 2023. <https://forum.huawei.com/enterprise/en/topic-discussion-sa-and-nsa/thread/896687-100305?page=2>
- [21] Y. Mehmood, C. Görg, M. Muehleisen, and A. Timm-giel, “*Mobile* M2M communication architectures , upcoming challenges , applications , and

- future directions,” 2015, doi: 10.1186/s13638-015-0479-y.
- [22] S. K. Biswash, A. Ziviani, R. Jain, J. C. Lin, and J. J. P. C. Rodrigues, “Editorial: Device-to-Device Communication in 5G Networks,” *Mob. Networks Appl.*, vol. 22, no. 6, pp. 995–997, 2017, doi: 10.1007/s11036-017-0828-7.
- [23] U. Kurniawan Usman, “Mengenal Teknologi 5G,” pp. 345–348, 2017.
- [24] Nokia, “5G spectrum bands explained,” *Nokia*, 2023. <https://www.nokia.com/networks/insights/spectrum-bands-5g-world/>
- [25] Qualcomm, “Global update on 5G spectrum,” 2019.
- [26] S. P. N. 14/HM/KOMINFO/01/2023, “Menkominfo Tegaskan Frekuensi 5G di Indonesia Tak Ganggu Penerbangan,” *Kominfo*, 2023. https://m.kominfo.go.id/content/detail/39470/siaran-pers-no-14hmkominfo012023-tentang-menkominfo-tegaskan-frekuensi-5g-di-indonesia-tak-ganggu-penerbangan/0/siaran_pers
- [27] C. I. Eqqi Syahputra, “Simak! Ini Alasan Pemerintah Efisienkan Frekuensi 700 Mhz,” *CNBC Indonesia*. <https://www.cnbcindonesia.com/tech/20230510141112-37-337819/simak-ini-alasan-pemerintah-efisienkan-frekuensi-700-mhz>
- [28] Andrean W. Finaka, “Analog Switch-Off (ASO), Hadirkan Siaran Televisi Berkualitas.”
- [29] Mediaindonesia.com, “Pemerintah Disarankan Memanfaatkan Frekuensi 2,6GHz untuk 5G,” *mediaindonesia.com*, 2021. <https://mediaindonesia.com/ekonomi/411714/pemerintah-disarankan-memanfaatkan-frekuensi-26ghz-untuk-5g>
- [30] A. R. D. Esa Rai Nur, Alfin Hikmaturokhman, “5G NR Planning at Frequency 3.5 GHz : Study Case in Indonesia Industrial Area,” *Proceeding - 2020 2nd Int. Conf. Ind. Electr. Electron. ICIEE 2020*, pp. 187–193, 2020, doi: 10.1109/ICIEE49813.2020.9277451.
- [31] B. Alfaresi, U. M. Palembang, T. Barlian, and U. M. Palembang, “Analisis Path Loss Radio Jaringan 5G frekuensi High band 2600 MHz dengan Model 3GPP ETSI,” no. April, 2020.
- [32] 5G Tools, “4G LTE *Link budget* calculator.” <https://5g-tools.com/4g-lte->

link-budget-calculator/

- [33] T. Specification, “TS 138 101-2 - V16.7.0 - 5G; NR; *User Equipment (UE)* radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 16.7.0 Release 16),” vol. 0, 2021.
- [34] J. N. Sinulingga, A. Wahyudin, M. A. Amanaf, and S. St, “ANALISIS PERANCANGAN LTE- A DENGAN TEKNIK *CARRIER AGGREGATION* INTERBAND PADA FREKUENSI 1800 MHz DAN 2300 MHz DI KOTA SEMARANG TENGAH (STUDY KASUS : PT . TELKOMSEL) ANALYSIS OF DESIGNING LTE-A *WITH CARRIER AGGREGATION* INTERBAND TECHNIQUE ON FREQUENCY 180,” pp. 634–645, 2018.
- [35] A. Mubarok and H. Putri, “Analisis Dampak Inter-Band *Carrier Aggregation* pada Perencanaan Jaringan LTE-Advanced,” vol. 7, no. 2, pp. 363–376, 2019.
- [36] Ferdinanta Karo, “BAB 2 Perencanaan Jaringan 5G New Radio (NR) pada Frekuensi 2600 MHz di Kawasan Segitiga Emas Jakarta”.
- [37] Rauf Nuryama, “Jumlah Pengguna Twitter Di Indonesia Pada 2023,” *Tinnews*, 2023. <https://www.tinewss.com/indonesia-news/pr-1853618409/jumlah-pengguna-twitter-di-indonesia-pada-2023>
- [38] S.Dixon, “Leading *Countries* based on number of Twitter *Users* as of January 2023(in millions),” *Statista*, 2023. <https://www.statista.com/statistics/242606/number-of-active-twitter-Users-in-selected-Countries/>
- [39] We are social and Kepios, “Digital-2023-Indonesia-February-2023.”
- [40] D. Hewett, “Dynamic Location of Phone Call Clusters,” no. January, 2016.
- [41] Info Vista, “*Planet 7.4.1.*”
- [42] Arintoko, A. A. Ahmad, D. S. Gunawan, and Supadi, “Pemetaan dan potensi desa wisata menuju pengembangan kawasan desa wisata di Kecamatan Borobudur,” *Pros. Semin. Nas.*, no. November, pp. 50–60, 2018.
- [43] 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.

- [44] K. K. Ferdinanta, “BAB 3 Perencanaan Jaringan 5g New Radio (NR) Pada Frekuensi 2600 MHz Di Kawasan Segitiga Emas Jakarta,” Institut Teknologi Telkom Purwokerto.