DAFTAR PUSTAKA

[1] Septi Andi Ekawibowo, Muhammad Putra Pamungkas, dan Rifqy Hakim, "*Analysis of 5G Band Candidates for Initial Deployment in Indonesia*," November 2018. Tersedia : https://doi.org/10.1109/ICWT.2018.8527780.

[2] M. Sitompul.2017. "Medan Paris-nya Sumatra", https://historia.id/urban/articles/medan-paris-nya-sumatra-vJdeahttps://historia.id/urban/articles/medan-paris-nya-sumatra-vJdea ,diakses 3 November 2023 pukul 14.30.

[3] Rai Nur Esa, Alfin Hikmaturokhman, dan Achmad Rizal Danisya, "*5G NR Planning at Frequency 3.5 GHz : Study Case in Indonesia Industrial Area*," Desember 2020. Tersedia : https://doi.org/10.1109/ICIEE49813.2020.9277427.

[4] Ferdinanta Karo Karo, Alfin Hikmaturokhman, dan Muntaqo Alfin Amanaf, "*5G New Radio Network Planning at Frequency of 2.6 GHz in Golden Triangle of Jakarta,"*. Januari 2021. Tersedia : https://doi.org/10.1109/ISRITI51436.2020.9315504.

[5] Arif Adi Kusuma dan Muhammad Suryanegara, "*Upgrading Mobile Network to 5G : The Technoeconomic Analysis of Main Cities in Indonesia*.". Juli 2019. Tersedia : https://doi.org/10.1109/QIR.2019.8898260.

[6] S. Ariyanti, A.S. Slamet, dan J. M. Munandar, "Studi Pengukuran Kesiapan Operator Seluler dalam Mengimplementasikan Teknologi 5G", vol. 1, no. 2, hal 105-118 , Desember 2021.

[7] O. Oshin, M. Luka, dan P.A. Atayero, "LTE to 5G : A Evolution," 3GPP, 2016, hal 485 - 502.

[8] S. Kanchi, S. Sandilya, D. Bhosale, A. Pitkar, dan M. Gondhalekar, "Overview of LTE-A," IEEE Global High Tech Congress on Electronics, 2013, hal 195 - 200.

[9] A. Haidine dan S. E. Hassani, "LTE-A Pro (4.5 G) as pre-phase for 5G Deployment : Closing the Gap Between Technical Requirements and Network Performance," hal 1 - 7, 2016.

[10] A.P.K. Reddy, M. S. Kumari, V. Dhanwani, A.K. Bachkaniwala, N. Kumar, K. Vasudevan, S. Selvaganapathy, S. K. Devar, P. Rathod, dan V. B. James, 5G New Radio Key Performance Indicators Evaluation for IMT-2020 Radio Interface Technology, vol. 9, IEEE ACCESS, 2021, p. 112 290 - 112 311

[11] R. L. Beard, "The Role of the ITU-R in Time Scale Definition," in 2011 XXXth URSI General Assembly and Scientific Symposium, 2011.

[12] J. Hoy, "3GPP Network Types," in Forensic Radio Survei Techniques for Cell Site Analysis, 2015, hal 93 - 148.

[13] A. Hikmaturokhman, K. Ramli, dan M. Suryanegara, "Spectrum Considerations for 5G," in 2018 Internasional Conferences on ICT for Rural Development (ICICTRuDev), 2018, hal 22 - 28.

[14] T. Blog, "IMT 2020 Standard," [Online]. Tersedia : https://cmte.ieee.org/.[Akses 7 November 2023]

[15] A. El Rhayour dan T. Mazri, "5G Architecture : Deployment Scenarios and Options," in 2019 Internacional Symposium on Advanced Electrical and Communication Technologies (ISAECT), 2019, hal 1 - 6.

[16] E. Gures, I. Shayea, A. Alhammadi, M. Ergen, dan H. Mohamad, vol. 8, IEEE Access, 2020, hal 195, 883 - 195, 913.

[17] M. Agiwal, H. Kwon, S. Park, dan H. Jin, "A Survei on 4G-5G Dual Connectivity : Road to 5G Implementation," vol. 9, IEEE Access, 2021, hal 193 - 210.

[18] S. K. Tangudu, N. Nanavaty, R. Banda, S. Chandrashekar, R. Krishnamurthy, dan S. Bandi, "5G Ran Optimizations Through Radio Shared Data Layer (RSDL)," 2017, hal 1-4.

[19] R. Shetty, A. Jangam, dan A. Simlai, "Intelligent Strategies for Overload Detection Amphandling for 5G Network," in 2021 IEEE 4th 5G World Forum (5GWF), 2021, hal 135 - 140.

[20] S, Peters dan M. A. Khan, "Anticipatory User Plane Management for 5G," in 2018 IEEE 8th Internasional Symposium on Cloud and Service Computing (SC2), 2018, hal 9 - 15.

[21] P. R. M., M. R., A. Kumar, dan K. Kuchi, "Downlink Resource Allocation for 5G-NR Massive Mimo Systems," in 2021 National Conference on Communications (NCC), 2021, hal 1 - 6.

[22] R, Ratasuk, N. Mangalvedhe, D. Bhatoolaul, dan A. Ghosh, "LTE-Evolution Towards 5G Massive MTC," in 2017 IEEE Globecom Workshops (GC Wkshps), 2017, hal 1- 6.

[23] By Admin. (2020, Desember 3). Mengenal 5G Stand alone dan non stand alone [online]. Tersedia : https://www.5g-indonesia.com/2020/12/mengenal-5g-stand-alone-dan-non-stand-alone.html

[24] R. Nur Esa, A. Hikmaturokhman, dan A. Rizal Danisya, "5G NR Planning at Frequency 3.5 GHz : Study Case in Indonesia Industrial Area," in 2020 2nd Internasional Conference on Industrial Electrical Electronics (ICIEE), 2020, hal 187 - 193.

[25] M. J. Marcus, "ITU WRC-19 Spectrum Policy Results," IEEE Wireless Communications," vol. 26, 2019, hal 4 - 5.

[26] O.O. Erunkulu, A. M. Zungeru, C.K. Lebekwe, M. Mosalaosi, dan J. M. Chuma, "5G Mobile Communication Applications : A Survei and Comparison of Use Cases," vol. 9, IEEE Access, hal 251 - 295.

[27] S. Hutajulu, W. Dhewanto, dan E. Prasetio, "Two Scenarios for 5G Deployment in Indonesia," vol. 160, Technological Forecasting and Social Change, 2020, hal. 120 - 221.

[28] F. Febriyandi dan I. Krisnadi, "Rekomendasi ITU Pada Alokasi Spektrum 5G di Indonesia," Bul. Pos dan Telekomun., pp. 1-6, 2019.

[29] 3GPP, "Study on Channel Model for Frequencies from 0.5 to 100," Oktober 2017. [Online]. Tersedia : https://www.etsi.org/deliver/etsi tr/138900/138999/ 138901/14.02.00 60/tr 138901v140200p.pdf. [Akses November 2023].

[30] 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.v412.561

[31] S. P. N. 169/HM/KOMINFO/05/2021, "Kementerian Komunikasi dan Informatika," Kominfo.go.id [Online]. [Akses November 2023].

[32] O. I. Adu, F. E. Idachaba, dan A. A. Alatishe, "Reframing 1800 MHz GSM Spectrum to LTE," vol. 1, Lect. Notes Eng. Comput. Sci, 2014, hal. 673 - 676.

[33] Badan Pusat Statistika, "Kota Medan dalam Angka 2023," Medan, BPS, 2023, hal 1 -625.

[34] Statistita, "Indonesia : Smartphone Penetration Rate 2026," [Online]. Tersedia : Indonesia : Smartphone Penetration Rate 2026 | Statistita. [Akses 17 November 2023]

[35] Statista, "Telkom Indonesia : Mobile Network Market Share 2021," [Online]. Tersedia : Telkom Indonesia : Mobile Network Market Share 2021 | Statista. [18 November 2023].

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