

## DAFTAR PUSTAKA

- [1] Global mobile Suppliers Association, "The Road to 5G: Drivers, Applications, Requirements and Technical Development," in A GSA Executive Report from Ericsson, Huawei and Qualcomm, Nov. 2015.
- [2] G. S. A. White, P. Input, and H. Copyright, "5G-Oriented Indoor Digitalization Solution White Paper," no. November, 2017.
- [3] Hamzah U. Mustakim, "Tantangan Implementasi 5G di Indonesia," in INTEGER: Journal of Information Technology, vol. 4, no. 2, September, 2019.
- [4] Yusnita Rahayu, "High Gain 5G MIMO Antenna fo Mobile Base Stasion," in International Journal of Electrical and Computer Engineering (IJECE), vol. 9, no. 1, February, 2019.
- [5] Y. Kishiyama, A. Benjebbour, S. Nagata, Y. Okumura and N. Takehiro, "NTT DOCOMO 5G Activities -Toward 2020 Launch of 5G Services-", NTT DOCOMO Technical Journal, vol. 17, 2016.
- [6] R. Tian, Y. Liang, X. Tan and T. Li, "Overlapping User Grouping in IoT Oriented Massive MIMO Systems," IEEE Access, vol. 5, pp. 14177-14186, 2017.
- [7] Azis Khairul Muhidin, Hanny Madiawati, Yaya Sulaeman, Elisma, "Desain Antena MIMO 2x2 Patch Rectangular untuk Komunikasi 5G pada Frekuensi 3,5 GHz dengan Peningkatan Gain Menggunakan Akrilik," in Industrial Research Workshop and National Seminar, Prosiding the 11<sup>th</sup>, Bandung, 2017.
- [8] Mohamad Sholeh, Yusnita Rahayu, "Perancangan Antena MIMO Susunan 37 GHz Untuk Jaringan Komunikasi 5G," in Jom FTEKNIK, vol. 5, no. 2, 2018.
- [9] 5GPPP, "5G Vision," Electron. Publ., p. 16, 2015.
- [10] ITU-R, "Report ITU-R M.2410-0 - Minimum requirements related to technical performance for IMT-2020 radio interface(s)," ITU-R, Geneva, 2017.
- [11] Y. Diah, A. Kasmad, A. H. Vidyantina, G. D. Amry, A. Sri, P. Wirianto, Wardahnia, S. B. Reza, T. Seno, A. Azwar. "Studi Sharing IMT dan FSS Pada

- Pita 3,4 - 4,2 GHz", Puslitbang Sumber Daya dan Perangkat, dan Penyelengaraan Pos dan Informatika BPSPD Kementerian KOMINFO, 2018.
- [12] A. Sibille, C. Oestges, and A. Zanella, MIMO: From Theory to Implementation. 2010.
  - [13] D. M. Pozar, "Microstrip Antennas," Proc. IEEE, Vol. 80, No. 1, pp. 79–81, January 1992 Wardhana, Lingga.
  - [14] C. A. Balanis, Antenna Theory Analysis and Design 3<sup>rd</sup> Edition, Wiley: New Jersey, 1997.
  - [15] M. Ramesh and K. B. Yip, Design Inset Fed Microstrip Patch Antennas, Microwaves and RF, 2003.
  - [16] Rico Bernando, "Perancangan Antena Mikrostrip Segiempat *Peripheral Slit* untuk Apikasi 2,4 GHz dengan Metode Pencatuan *Proximity Coupled*," International Journal of Scientific & Engineering Research, vol. 5, no. 12, pp. 1039-1043, December 2014.
  - [17] John D. Kraus, Antennas For All Applications 2<sup>nd</sup> Edition, 2002.
  - [18] D. Y. C. Lie, "A Review of 5G Power Amplifier Design at cm-Wave and mm-Wave Frequencies", Wireless Communications and Mobile Computing, 2018.