

## DAFTAR REFERENSI

- [1] Tateishi, Kiichi et al, Field Field Experiments on 5G Radio Access Using 15-GHz Band in Outdoor Small Cell Environment, *IEEE PIMRC*, vol. 26, no. x, pp. 851-855, 2015.
- [2] Cheng, Wei-Chung, et al. 15GHz Propagation Channel Measurement at a University Campus for the 5G Spectrum , *Microwave Conference (APMIC)*., Dec. 2015.
- [3] Raffely, J, Perancangan dan Realisasi Antena Mikrostrip MIMO Bowtie 4x4 Pada Frekuensi 1.8 GHz Untuk Aplikasi LTE, *Universitas Telkom*, Bandung. 2016.
- [4] Sani Yahya, Muhammad dan S.K.A Rahim, 15GHz Grid Array Antenna For 5G Mobile Communications Systems, *Microwave And Optical Technology Letters*, vol. 57, no. 12, pp. 2977-2980, Dec 2016.
- [5] P. Daud, I. Syamsu, D. Mahmudin, T.T. Estu, A.A. Fathnan, Y.N. Wijayanto, Inset Fed U-Slotted Patch Antenna Array for 10 GHz Radio-Over-Fiber Applications, *IEEE-ICSE 2016*, pp. 117-220, 2016.
- [6] Okvist, Peter et al, 15 GHz Propagation Properties Assessed with 5G Radio Access Prototypes, *Ericsson Research*, 2016.
- [7] C. a. Balanis, Antenna Theory: Analysis and Design 3rd ed, *Arizona: A JOHN WILEY and SONS, INC*, 2012.
- [8] Pozar, M.David, Microwave Engineering 3rd Edition. *Wiley*, 2005.
- [9] Kurowa, K., Power Wave and Scattering Matrix, *IEEE Transactions on Microwave Theory and Techniques*, vol. 13, pp. 194-202, Jan. 2013.
- [10] Understanding 5G: Perspectives on future technological advancements in mobile. *GSMA Intelligence*, Dec. 2014.
- [11] Marsch, Patrick., "5G Radio Access Network Architecture: Design Guidelines and Key Consideration", *Ericsson Research*, vol 1, pp. 23-32, 2016
- [12] Tateishi, Kiichi., "Indoor Experoment on 5G Radio Access Using Beam Tracking at 15 Ghz Band," *IEEE PIRC�*, vol. 1, no. 9, pp. 1-7, 2016.