

DAFTAR PUSTAKA

- [1] U. K. Usman, G. Prihatmoko, D. K. Hendraningrat, dan S. D. Purwanto, *Fundamental Teknologi Seluler LTE*, 1st ed., Bandung: Rekayasa Sains, 2012.
- [2] Menkominfo, *Peraturan Menteri Komunikasi dan Informatika Republik Indonesia Nomor Tahun 2015 tentang Persyaratan Teknis Alat dan/ atau Perangkat Telekomunikasi Berbasis Standar Teknologi Long Term Evolution*, Jakarta: Menkominfo, 2015.
- [3] M. Fadhil, "Bandpass Filter Hairpin Line Dengan Dumbbell Defected Ground Structure Pada Receiver eNodeB Untuk LTE FDD 1.8 GHz," in Universitas Telkom, 2017.
- [4] J. S. Hong and M. J. Lancaster, *Microstrip Filters for RF/Microwave Applications*, New York: John Wiley and Sons, 2001.
- [5] A. T. Lestari, "Perancangan dan Realisasi Coupled Edge Bandpass Filter Untuk LTE," in Universitas Telkom, 2018.
- [6] D. R. Ridla, "Perancangan dan Implementasi Band Pass Filter Dengan Menggunakan Metode Hairpin Berbasis Mikrostrip Pada Teknologi LTE (1850 MHz-1910 MHz)," in Universitas Telkom, 2012.
- [7] M. Rumney, *LTE and the Evolution to 4G Wireless: Design and Measurement Challenge*, 2nd ed., United Kingdom: John Wiley & Sons, Ltd., 2013.
- [8] S. Ariyanti dan D. Perdana, "Analisis Kelayakan Implementasi Teknologi LTE 1.8 GHz Bagi Operator di Indonesia," in *Buletin Pos dan Telekomunikasi*, vol. 13, pp. 61 – 78, 2015.
- [9] 3GPP, "LTE Key Performance Indicators for LTE Rf Design," 2013. Available: <http://3GPP.org/> [Diakses 20 Februari 2018, 23:59:59 WIB]
- [10] L. Wardhana, *4G Handbook Edisi Bahasa Indonesia*, Jakarta: Lingga Wardhana, 2014.
- [11] M. S. Sharawi, *RF Planning and Optimazation for LTE Networks*, United States: CRC Press, 2010.

- [12] J. L. Narayana, S. R. Krishna, L. P. Reddy, G. V. Subrahmanyam, and M. Sindhu, "Dimensional Modeling of Microstrip Hairpin Bandpass Filter Using Artificial Neural Network," in *International Journal of Future Generation Communication and Networking*, vol. 5, no. 1, March. 2012.
- [13] N. Kinayman and M. I. Aksun, *Modern Microwave Circuits*. London: Artech House, Inc., 2005.
- [14] Atlanta RF, "RF Filters: An Overview," 2015. Available: <http://atlantarf.com/> [Diakses 25 Februari 2018, 22:10:10 WIB].
- [15] Frey, Jeffrey and Kul Bhasin, *Microwave Integrated Circuits*. Washington DC: Artech House, Inc. 1992.
- [16] D. M. Pozar, *Microwave Engineering*, fourth edition, US: John Wiley & Sons, Inc., 2012.
- [17] S. M. Kayser Azam, Muhammad I. Ibrahimy, S. M. A. Motakabber, A. K. M. Zakir Hossain. A Compact Bandpass Filter Using Microstrip Hairpin Resonator for WLAN Applications, *Computer and Communication Engineering (ICCCE) 2018 7th International Conference on*, pp. 313-316, 2018.
- [18] Mora, S.F., Alonso, Y., Vargas, N., Vera, J.E., & Avendaño, J. Design of a bandpass filter using microstrip Hairpin resonators. 2017 CHILEAN Conference on Electrical, Electronics Engineering, Information and Communication Technologies (CHILECON), 1-5. 2017.
- [19] Hassan, Hamid Ali. Design & Size Reduction Analysis of Micro Strip Hairpin Band Pass Filters. Master's Thesis in Electronics. Gavle: Faculty of Engineering and Sustainable Development, University of Gavle. 2015.
- [20] Mitrayana. *Teori dan Aplikasi Gelombang Mikro*. 2015.