UNIVERSITAS GADJAH MADA
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ALBERT KRISTIAN DANAN JAYA, Iswandi, S.T., M.Eng. ; Eny Sukani Rahayu, S.T., M.Eng.
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DAFTAR PUSTAKA

[1] Can Wang dan Yuehe Ge, "*A Novel Broadband Printed dipole Antenna and Its Application for TD-LTE Communications,"* International Journal of Antennas and Propagation, 2014, Institute of Electrical and Electronics Engineers. doi: 960963

[2] Samara Hassan D. K., "*Design and construction of a 4G mobile network antenna*", Tesis Magister, Department de Telecomunicació i Enginyeria de Sistemes la Universitat Autònoma de Barcelona, Spanyol, 2015

[3] Elamathi T. dan Vijaya Kumar V., "*Improved Gain of Dual Polarized Printed dipole Antenna for Base Station Applications*," International Journal of Modern Trends in Engineering and Research, vol. 2, issue 03, 2015.

[4] Danang Yaqinuddin Haq, " *Optimalisasi dan Simulasi Jaringan 4G LTE di Area Universitas Muhammadiyah Yogyakarta"*, Skripsi Sarjana, Prodi Teknik Elektro Fakultas Teknik Universitas Muhammadiyah Yogyakarta, Indonesia, 2017.

[5] Harry Rachmawan, "*Simulasi Cakupan Sistem IBC (In-Building Coverage) pada Komunikasi GSM"*, Tesis Magister, Jurusan Teknik Elektro Fakultas Teknik Universitas Diponegoro, Semarang, Indonesia, 2011.

[6] Samuel H Simanjuntak, "*Analisis Karakteristik Antena Mikrostrip Patch Segiempat dengan Method of Moments*," Skripsi Sarjana, Departemen Teknik Elektro Fakultas Teknik Universitas Sumatera Utara, Indonesia, 2009.

[7] Sidiq Tripambudi, *"Impedansi Antena"*, [Online]. Available: https://prezi.com/ed78u5mxsrg0/impedansi-antenna/]. [Accessed: 3-Aug-2017]

[8] Uknown, *"Fractional Bandwidth (FBW)"* [Online]. Available: http://www.antenna-theory.com/definitions/fractionalBW.php]. [Accessed: 3-Aug-2017]

[9] Sourabh Bish, Shweta Saini, Ved Prakash, dan Bhaskar Nautiyal, *"Study the Various Feeding Technique of Microstrip Antenna using Design and Simulation CST Microwave Studio,"* International Journal of Emerging Technology and Advanced Engineering, vol. 4, issue 9, 2014.

[10] Andi Asmi P. dan Nadhifah, "*Rancang Bangun Antena Lungs Microstrip Array untuk Aplikasi GPS dan LTE*", M.S.Thesis, Jurusan Elektro Fakultas Teknik Universitas Hasanuddin, Makassar, 2010.

[11] Warren L. Stutzman dan Garry A. Thielle, "*Antenna Theory and Design*", Virginia, Wiley and Sons, Inc., 2012.

[12] Reto Zingg, "*Printed dipole Antenna*", Tesis Magister, Department of Electrical, Computer, and Energy Engineering, University of Colorado at Boulder, Colorado, USA, 2011.

[13] I.G.N. Dharmayana et al, "*Rancang Bangun Antena pada Frekuensi 1800 Mhz Untuk Penguat Sinyal Modem"*, Tesis Magister, Jurusan Teknik Elektro dan Komputer Fakultas Teknik Universitas Udayana, Bali, 2016.

[14] Adrio Communications Ltd, "Antennas and propagation: SMA connector" [Online].Available:http://www.radioelectronics.com/info/antennas/coax/sma_

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connector.php]. [Accessed: 12-May-2017].

[15] Whitham D. Reeve, *"The SMA RF Connector and Associated Tools"*. Manual books for antenna engineering, Reeve Engingeers, 2004.

[16] ANSYS, Inc. "High Frequency Electromagnetic Field Simulation" [Online]. Available:http://www.ansys.com/Products/Electronics/ANSYS-HFSS. [Accessed: 10-Jan-2017]

[17] Q. Xue, S. W. Liao, dan J. H. Xu, *"A differentially-driven dualpolarized magneto-electric dipole antenna,"* IEEE Transactions on Antennas and Propagation, vol. 61, no. 1, pp. 425–430, 2013.

[18] C. L. Mak, K. M. Luk, K. F. Lee, dan Y. L. Chow, *"Experimental study of a microstrip patch antenna with an L-shaped probe,"* IEEE Transactions on Antennas and Propagation, vol. 48, no. 5, pp. 777–783, 2000.

[19] L. Ge dan K.-M. Luk, "*A wideband magnetio-electric dipole antenna*," IEEE Transactions on Antennas and Propagation, vol. 60, no. 11, pp. 4987–4991, 2012.

[20] Dr. Yan Q Bian, Deepak Rao, *"Small Cells, Big Opportunities"*, Huawei Business and Network Consulting, pp 2-5, 2014.

[21] user's guide – High Frequency Structure Simulator., Ansoft Corporation., Pittsburgh, USA, 2005, pp. 62-71.

[22] Anuraag Misra, "*Answer in Question Forum: 'Can anybody tell me Why radiation box in hfss a quarter-lambda consider?'"* [Online] Available: https://www.researchgate.net/post/Can_anybody_tell_me_Why_radiation_box_in_hfss_a_quarter-lambda_consider [Accessed: 12-May-2017]

[23] Peraturan Menkominfo nomor 08/PER/M.KOMINFO/01/2009 tanggal 19 Januari 2009

[24] Andi Asmi Pratiwi dan Nadhifah, "*Rancang Bangun Antena Lungs Microstrip Array Untuk Aplikasi GPS Dan LTE*," Skripsi Sarjana, Jurusan Elektro Fakultas Teknik Universitas Hasanuddin, Makassar, Indonesia, 2011.

[25] Budi Setiyanto, *"Dasar Dasar Telekomunikasi",* Sakti, Yogyakarta, 2010.