

## DAFTAR PUSTAKA

- [1] J. C. Wang, E. G. Lim, M. Leach and K. L. Man, "Conformal Wearable Antennas for WBAN Applications," *International Multi Conference of Engineers and Computer Scientists*, vol. II, no. 2, pp. 4-10, 2016.
- [2] H. Al-Rizzo, "Flexible and Compact AMC Based Antenna for Telemedicine Applications," *Transactions On Antennas And Propagation*, vol. LXI, no. 2, pp. 521-530, 2013.
- [3] Tulika, Y. Manwal, S. Bisht, S. Kumari, S. Rai and B. Chauhan, "Literature Review On Wearable Textile Antennas," *International Journal On Advanced Computer Theory And Engineering*, vol. V, no. 4, pp. 35-39, 2016.
- [4] K. Kamardin, M. K. A. Rahim and P. S. Hall, "Planar textile antennas with artificial magnetic conductor for body-centric communications," in *Applied Physic A Material Sciense and Processing*, Eidenburg, 2016.
- [5] M. Abu, A. S. A. M., N.R. Mohamad and H. Hassan, "Investigation Of Fss Performance On Flexible Substrates," *Journal of Engineering and Applied Sciences*, vol. XI, no. 5, pp. 3188-3192, 2016.
- [6] Las-Heras and M. E. d. Cos, "Novel Flexible Artifical Magnetic Conductor," *International Journal of Antennas and Propagation*, vol. MMXII, no. ID 353821, pp. 1-7, 2012.
- [7] Y. Zhang, J. V. Hagen and W. Wiesbeck, "Patch Array as Artificial Magnetic Conductors for Antenna Gain Improvement," *Microw. Opt. Technol. Letter*, vol. 35, pp. 172-175, 2002.
- [8] U. Ali, S. Ullah, J. Khan, M. Shafi, B. Kamal and A. Basir, "Design and SAR Analysis of Wearable Antenna on Various Parts of Human Body, Using Conventional and Artificial Ground Planes," *Journal of Electrical Engineering and Technology*, vol. XII, no. 1, pp. 317-328, 2016.

- [9] L. O. Nur, A. Munir, Sugihartono and A. Kurniawan, "Perancangan Dan Fabrikasi Penyerap Gelombang Elektromagnetik Patch Segi Enam Berbasis Surface Textured," *Jurnal Penelitian dan Pengembangan Telekomunikasi, Kendali, Komputer, Elektrik, dan Elektronika*, vol. I, no. 1, pp. 41-45, 2016.
- [10] D. Mandaris, B. Frits, F. Leferink and A. Munir, "Design and Realization of Planar Reflector Based on Artificial Magnetic Conductor at S-Band Frequency," *Asia Pacific International Symposium on Electromagnetic Compatibility*, pp. 304-307, 2016.
- [11] M. Abu, E. E. Hussin, M. S. M. Isa, Z. Zakaria and Z. A. Baharudin, "Designing Artificial Magnetic Conductor at 2.45 GHz for Metallic Detection in RFID Tag Application," *International Journal of Engineering and Technology*, vol. VI, no. 1, pp. 427-435, 2014.
- [12] M. Y. Ruce and Jamil Y. Khan, *Wireless Body Area Networks Technology, Implementation, and Applications*, Boca Raton, FL: PAN STANFORD, 2012.
- [13] M. Perhubungan, "Penyempurnaan Tabel Alokasi Spektrum Frekuensi Radio Indonesia," Kementrian Perhubungan RI, Jakarta, 2001.
- [14] T. Kellomaki, *Effect of The Human Body on Single Layer Wearable Antenna*, Tampere: Tampere University of Technology, 2012..
- [15] R. Salvado, C. Loss, R. Gonçalves and P. Pinho, "Textile Materials for the Design of Wearable Antennas: A Survey," *Journal Of SENSORS*, vol. XII, pp. 15841-15857, 2012.
- [16] A. Tsolis, W. G. Whittow, A. A. Alexandridis and d. J. Y. C. Vardaxoglou, "Embroidery and Related Manufacturing Techniques for Wearable Antennas: Challenges and Opportunities," Loughborough University, Loughborough 2, Mei 2014.

- [17] K. J. Douglas, *Advancements in Artificial Magnetic Conductor Design For Improved Performance And Antenna Applications*, 2009: PhD Dissertation, The Pennsylvania State University., Pennsylvania.
- [18] S. D., L. Zhang, R. Broas, N. G. Alexopolous and E. Yablonovitch, "High-Impedance Electromagnetic," *High-Impedance Electromagnetic Surface with Forbidden Frequency Band*, vol. XLVII, no. 10, pp. 2059-2074, November 1999.
- [19] A. P. e. Feresidis, "Artificial Magnetic Conductor Surfaces and Their Application to Low-Profile High-Gain Planar Antennas," *IEEE Transactions on Antennas and Propagation*, vol. V, no. 1, pp. 209-215, 2005.
- [20] H. R. C., E. F. M. d. cos and L. Heras, "Microstrip Patch Antenna Bandwidth Enhancement Using AMC/EBG Structures," *International Journal of Antennas and Propagation*, pp. 1-6, 2012.
- [21] G. H. Elzwawi, M. Mantash and T. A. Denidni, "Improving the Gain and Directivity of CPW Antenna by Using a Novel AMC surface," Institut National de la RechercheScientifique, Montreal, 2017.
- [22] M. Abu, M. S. A. J. Kher, N. H. Izahar, A. F. A. Latif and S. N. Zabri, "Enhancement of Rectenna Performance using Artificial Magnetic Conductor for Energy Harvesting Applications," *Journal of Telecommunication, Electronic and Computer Engineering*, vol. VII, no. 2, pp. 77-82, 2015.
- [23] M. Abu, E. E. Hussin, R. F. Munawar and H. Rahmalan, "Design Synthesis of 5.8 GHz Octagonal AMC on a Very Thin Substrate," *International Journal of Information and Electronics Engineering*, vol. V, no. 5, pp. 376-380, 2015.
- [24] A. Munir and V. Fusco, "Characterization of Using Artificial Magnetic Ground Plane," in *Asia-Pacific Microwave Conference (APMC) Proceeding*, Honkong, China, 2018.
- [25] D. Mandaris, F. Buesink, F. Leverink and A. Munir, "Design and Realization of Planar Reflector Based on Artificial Magnetic Conductor at S-Band

Frequency," in *Asia Pacific International Symposium on Electromagnetic Compatibility*, Shenzhen, China, 2016.

- [26] A. A. Alemaryeen and S. Noghianian, "AMC Integrated Textile Monopole Antenna for Wearable Applications," *Applied Computational Electromagnetics Society Journal*, Juni 2016.
- [27] R. Corporation, "RO3000 Laminate Data Sheet-RO3003-RO3006-RO3010," 2017 (revised) September 2017. [Online]. Available: [www.rogerscorp.com](http://www.rogerscorp.com). [Accessed 7 November 2017].
- [28] A. Bellion and M. Cable, "A new wideband and compact High Impedance Surface," in *International Symposium on Antenna Technology and Applied Electromagnetics (ANTEM)*, Toulouse, 2012.
- [29] A. Munir and L. O. Nur, "Bandwidth Improvement of Square Patch Array-Based AMC using Multiple Slot Technique," in *Proceeding of International Conference on Information and Communication Technology (ICoICT)*, Nusa Dua, Indonesia, May 2015.