

## DAFTAR PUSTAKA

- [1] Y. Nurhayati and Susanti, "The Implementasion of Automatic Dependent Surveillance Broadcast ( ADS-B in Indonesia)," J. Perhub. Udar. War. Ardhia, pp. 147–162, 2014.
- [2] R. N. Pahlevy, A. D. Prasetyo, Edwar, "Nanosatellite ADS-B Receiver Prototype," in ICCEREC, Bandung, Indonesia, 2018.
- [3] E. Suteja, "ADS-B Microstrip Antenna Receiver Design for Cubesat with Slot", in ICOIACT 2019, Yogyakarta, Indonesia, 2019.
- [4] The CubeSat Program, Cal Poly SLO, "CubeSat Design Specification Rev. 13." p. 42, 2014.
- [5] Federal Aviation Administration (FAA), "Advisory Circular : AC No: 20-165B". FAA, no. August, pp. 1–20, 2012.
- [6] M. M. Khan, A. K. M. M. Alam, and R. H. Ashique, "A Comparative Study of Rectangular and Circular Microstrip Fed Patch Antenna at 2.45 GHz," Int. J. Sci. Eng. Res., vol. 5, no. 10, pp. 1028–1032, 2014.
- [7] V. Saidulu, K. S. Rao, K. Kumarswamy, and P. V. D. S. Rao, "Comparison Analysis of Rectangular and Circular Patch Microstrip Antennas with Dielectric Superstrates". Int. J. Microwaves Appl., vol. 2, no. 5, pp. 125–134, 2013.
- [8] İ. Taha, "Corners Truncated Microstrip Patch Antenna,". pp. 760–765, 2010.
- [9] Stevens, Michael C., *Secondary Surveillance Radar*. Norwood: ARTECH HOUSE, INC., 1988.
- [10] International Civil Aviation Organization "Annex 10 : Aeronautical Telecommunications - Vol. IV (Surveillance and Collision Avoidance System)". 5th ed. International Civil Aviation Organization, pp. 1-1, 2-3, 3-1, 2014.
- [11] Federal Aviation Administration (FAA), "Aeronautical Information Manual : Official Guide to Basic Flight Information and ATC Procedures". FAA, pp. 3-2-1, 2017.
- [12] Alen Space "A Basic Guide to Nanosatellites | Alén Space." [Online]. Available: <https://alen.space/basic-guide-nanosatellites/>. [Accessed: 11-Apr-2019].
- [13] Nanosats, "What is a CubeSat? Nanosatellite? PocketQube? | Nanosats Database." [Online]. Available: <https://www.nanosats.eu/cubesat>. [Accessed: 10-Apr-2019].
- [14] G. Maral, M. Bousquet and Z. Sun, *Satellite communications systems, 5th ed.* West Sussex: John Wiley & Sons Ltd, 2009, pp. 38-40.

- [15] S. Cakaj, B. Kamo, A. Lala and A. Rakipi, "The Coverage Analysis for Low Earth Orbiting Satellites at Low Elevation", *International Journal of Advanced Computer Science and Applications*, vol. 5, no. 6, 2014. Available: 10.14569/ijacsa.2014.050602 [Accessed 26 December 2019].
- [16] B. Danibls' and J. Baubr', "THE IONOSPHERIC FARADAY EFFECT AND ITS APPLICATIONS," p. 14, 1959.
- [17] R. Garg, P. Bhartia, I. Bahl, A. Ittipiboon, *Microstrip Antenna Design Handbook*. 2001.
- [18] C. A. Balanis, *Antenna theory - analysis and design, 3rd ed.* Tempe, AZ: John Wiley & Sons, 1982.
- [19] K. S. Aung and S. S. Mon, "Comparison of Rectangular and Truncated Rectangular Patch Antenna for Ku-Band," pp. 159–166, 2012.
- [20] N. GUPTA, "EFFECTS OF SLOTS ON MICROSTRIP PATCH ANTENNA", *International Research Journal of Engineering and Technology (IRJET)*, vol. 04, 2017. [Accessed 26 December 2019].
- [21] D. Pozar, *Microwave engineering, 3rd ed.* New York: John Wiley & Sons, 2004, p. 139.
- [22] Friis, H.T., "A Note on a Simple Transmission Formula". *IRE Proc.*: 254–256, 1946.
- [23] Arias, M., Aguado, F., "Small satellite link budget calculation". In: *ITU Symposium and Workshop on Small Satellite Regulation and Communication Systems (2016)*.
- [24] Rafael Micro, "R820T High Performance Low Power Advanced Digital TV Silicon Tuner,". Taiwan: R820T datasheet, 2011.
- [25] ITU-R, " Reception of automatic dependent surveillance broadcast via satellite and compatibility studies with incumbent systems in the frequency band 1 087.7-1 092.3 MHz", *International Telecommunication Union*, 2017.
- [26] Gomspace, "NanoCom ANT1090-P,". Denmark: ANT1090-P datasheet, 2018.
- [27] S. Kumar and H. Gupta, "Design and Study of Compact and WidebandMicrostrip U-Slot Patch Antenna for Wi-Max Application,"*IOSR Journal ofElectronics and Communication Engineering*,vol. 5, no. 2, pp. 45-48, 2013.