

DAFTAR REFERENSI

- [1] L. Zhang, S. Zhong, C. Du, and J. Chen, "COMPACT UWB PLANAR MONOPOLE ANTENNA WITH BAND-NOTCH," vol. 51, no. 8, pp. 1908–1911, 2009.
- [2] A. Moreira, P. Prats-iraola, M. Younis, G. Krieger, I. Hajnsek, and K. P. Papathanassiou, "A Tutorial on Synthetic Aperture Radar," *IEEE Geosci. Remote Sens.*, no. March, 2013.
- [3] S. Mori, L. Pulvirenti, M. Chini, M. Montopoli, N. Pierdicca, and J. A. Weinman, "Precipitation signature on X-band spaceborne synthetic aperture radar imagery : interpretation and analysis," no. 1, p. 2012, 2012.
- [4] F. S. Marzano *et al.*, "Potential of X-band spaceborne synthetic aperture radar for precipitation retrieval over land," *Int. Geosci. Remote Sens. Symp.*, pp. 3694–3697, 2007.
- [5] T. Kozu *et al.*, "Development of precipitation radar onboard the Tropical Rainfall Measuring Mission (TRMM) satellite," *IEEE Trans. Geosci. Remote Sens.*, vol. 39, no. 1, pp. 102–116, 2001.
- [6] J. A. Weinman, F. S. Marzano, W. J. Plant, A. Mugnai, and N. Pierdicca, "Rainfall observation from X-band, space-borne, synthetic aperture radar," *Nat. Hazards Earth Syst. Sci.*, vol. 9, no. 1, pp. 77–84, 2009.
- [7] A. Torre and P. Capece, "COSMO-SkyMed: The advanced SAR instrument," *RAST 2011 - Proc. 5th Int. Conf. Recent Adv. Sp. Technol.*, pp. 865–868, 2011.
- [8] C. S. Engineering, S. Gupta, S. Singh, C. Engineering, C. S. Engineering, and D. Highway, "Bandwidth Enhancement in Multilayer Microstrip Proximity Coupled Array," *IJECSE*, vol. 1, pp. 287–293, 2012.
- [9] V. P. Patil, "Enhancement of Bandwidth of Rectangular Patch Using Two Square Slots Technique," *Int. J. Eng. Sci. Emerg. Technolo*, vol. 3, no. 2, pp. 1–12, 2012.
- [10] S. Sharma, C. C. Tripathi, and R. Rishi, "Impedance Matching Techniques for Microstrip Patch Antenna," *Indian J. Sci. Technol.*, vol. 10, no. July, 2017.
- [11] S. Roy, J. R. Foerster, V. S. Somayazulu, and D. G. Leeper, "Ultrawideband Radio Design : The Promise of High-Speed , Short-Range Wireless Connectivity," vol. 92, no. 2, 2004.
- [12] C. a. Balanis, *Antenna Theory - Analysis and Design*. 2005.
- [13] W. L. Melvin, *Principle of Modern Radar*. Scitech Publishing.

- [14] M. Skolnik, *Radar Handbook*, 3rd Editio. McGraw Hill.
- [15] Y. . Chan and V. C. Koo, “AN INTRODUCTION TO SYNTHETIC APERTURE RADAR (SAR),” *Electromagnetics*, vol. 2, no. 6, pp. 27–60, 2008.
- [16] J. Kim, H. C. Kim, and K. Chun, “Performance Enhancements of a Microstrip Antenna with Multiple Layer Substrates.”
- [17] H. Yon, A. H. Awang, M. T. Ali, S. Subahir, and S. N. Kamaruddin, “Comparative Analysis for Multilayer Stacked Substrates Microstrip Patch Antenna,” pp. 34–37, 2016.
- [18] S. Bhaskar and S. K. Gupta, “Bandwidth Improvement of Microstrip Patch Antenna Using H- Shaped Patch,” vol. 2, no. 1, pp. 334–338, 2012.
- [19] N. Gupta, “Effects of Slots on Microstrip Patch Antenna,” *Int. Res. J. Eng. Technol.*, pp. 1132–1135, 2017.
- [20] M. K. Khandelwal, B. K. Kanaujia, and S. Kumar, “Defected Ground Structure : Fundamentals , Analysis , and Applications in Modern Wireless Trends,” vol. 2017, 2017.
- [21] D. S. Marotkar, “Bandwidth Enhancement of Microstrip Patch Antenna using Defected Ground Structure,” *IEEE*, pp. 1712–1716, 2016.
- [22] J. L. Bárcena-Humanes, P. J. Gómez-Hoyo, M. P. Jarabo-Amores, D. Mata-Moya, and N. Rey-Maestre, “Feasibility study of EO SARs as opportunity illuminators in passive radars: PAZ-based case study,” *Sensors (Switzerland)*, vol. 15, no. 11, pp. 29079–29106, 2015.
- [23] G. Ramesh, P. Bhartia, I. Bahl, and A. Ittipiboon, *Microstrip Antenna Design Handbook.pdf*. Artech House, 2001.
- [24] S. Verma and J. A. Ansari, “Analysis of U-slot Loaded Truncated Corner Rectangular Microstrip Patch Antenna for Broadband Operation,” *AEUE - Int. J. Electron. Commun.*, vol. 69, no. 10, pp. 1483–1488, 2015.