

DAFTAR PUSTAKA

- [1] C. H. Hsieh, Y. F. Chiu, Y. H. Shen, T. S. Chu and Y. H. Huang, *A UWB Radar Signal Processing Platform for Real-Time Human Respiratory Feature Extraction Based on Four-Segment Linear Waveform Model*, in IEEE Transactions on Biomedical Circuits and Systems, vol. 10, no. 1, pp. 219-230, Feb. 2016.
- [2] Sayidmarie, Khalil & Fadhel, Yasser, "A planar self-complementary bow-tie antenna for UWB applications," Progress in Electromagnetics Research C. 35. pp.253-267. 2013. 10.2528/PIERC12103109.
- [3] Timang, S. L. *Realisasi dan Analisis Reflektor Sudut pada Antena Dipol PCB Frekuensi WLAN (2400-2483.5)*. Bandung: Universitas Telkom, 2012.
- [4] Solihatul Jannah, Aloysius Adya Pramudita and Yuyu Wahyu, *Self-Complementary Bow-tie Antenna Design for UWB Respiration System*. Bandung: Telkom University, 2019.
- [5] Skolnik, Merill I. "Radar Handbook", 3rd Edition. 2001.
- [6] Koo, V.C, Y.K Chan, V. Gobi, M.Y. Chua, C. H. Lim, C.S. Lim, C. C. Thum, T. S. Lim, Z. Ahmad, K. A. Mahmood, M. H. Shahid, C. Y. Ang, W. Q. Tan, P. N. Tan, K. S. Yee, W.G. Cheaw, H.S. Boey, A. L. Choo, and B. C. Sew. *A New Unmanned Aerial Vehicle Synthetic*. Faculty of Engineering & Technology. Malaysia: Multimedia University, 2012.
- [7] K. Jae-Mo, "Reliable estimation of respiration rate using UWB impulse radar, Asia-Pacific Microwave Conference Proceedings (APMC)" pp. 997- 999, Seoul, 2013.
- [8] S. Pisa, E. Pittella and E. Piuzzi, "A survey of radar systems for medical applications," in IEEE Aerospace and Electronic Systems Magazine, vol. 31, no. 11, pp. 64-81, November 2016. doi: 10.1109/MAES.2016.140167.
- [9] Commission, Federal Communications: "Revision of Part 15 of the Commission's Rules Regarding Ultra-Wideband Transmission Systems," Washington, D.C., 2002.

- [10] Stutzman, W. L., & Thiele, G. A. *Antenna Theory and Design, Third Edition*. New Jersey: John Wiley & Sons, Inc. 2012.
- [11] Y. Tarigan, Heroe Wijayanto, dan Yuyu Wahyu, “Perancangan dan Realisasi Antena Mikrostrip Ultra WideBand (UWB) Pada Frekuensi 500-3000 MHz untuk Radar Penembus Dinding,” Bandung: Universitas Telkom, 2015.
- [12] M. Adhi, Jurnal Ilmiah Elite Elektro: “Perancangan Antena Mikrostrip Bow-tie pada Aplikasi Ultra WideBand,” Vol. 3, No. 2, 79-88, Jakarta, 2012.
- [13] S. Khalil H., Yasser A. Fadhel: “A Planar Self-Complementary Bow-tie Antenna for UWB Applications,” Iraq: University of Mosul, 2013.
- [14] K. P. Ray, “Design aspects of printed monopole antennas for ultra-wide band applications,” International Journal of Antennas and Propagation, Vol. 2008, 1-8, 2008.
- [15] K. P. Ray, S. S. Thakur, R. A. Deshmukh, “Broadbanding a Printed Rectangular Monopole Antenna,” India, 2009.
- [16] Balanis, C. A. *Antenna Theory: Analysis and Design, Fourth Edition*. New Jersey: John Wiley & Sons, Inc. 2016.
- [17] Mahafza, Bassem R. *Radar Systems Analysis And Design Using Matlab, Third Edition*. Huntsville, Alabama, USA. 2013.
- [18] Siahaan, Macho Revelino. *Beamwidth Optimization of Corner Reflector for RF Energy Harvesting from Solar and GPS L1 Satellite*. International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN:2278-3075, Volume-8 Issue-12, October, 2019.