

DAFTAR PUSTAKA

- [1] T. Hidayat, Oktober 2012. [Online]. Available:
<http://taufalhidayat4690.blogspot.co.id/2012/10/body-centric-wireless-communication.html>.
- [2] N. P. Hapsari, PERANCANGAN DAN REALISASI ANTENA BODY CENTRIC UNTUK KOMUNIKASI WBANs PADA RANGE FREKUENSI (3.1 – 10.6) GHz, B. S. N. Heroe Wijanto, Ed., Bandung, 2014.
- [3] achmadrizal, "KAPSUL ENDOSCOPY," 18 March 2011. [Online]. Available:
<http://achmadrizal.staff.telkomuniversity.ac.id/kapsul-endoscopy/>. [Accessed 19 October 2016].
- [4] J. L. Y. J. Y. S. P. C. C. K. a. S. N. S. H. Lee, "A wideband spiral antenna for ingestible capsule endoscope systems:experimental results in a human *phantom* and a pig," *Biomedical Engineering*, vol. 58, pp. 1734-1741, 2011.
- [5] F. Arifin and P. K. Saha, "Design of a Miniaturized UWB Ingestible Antenna for Wireless Capsule Endoscopy," in *2015 3rd International Conference on Advances in Electrical Engineering*, Dhaka, 2015.
- [6] I. M. A. Yogaswara, Perancangan, Simulasi Dan Realisasi Antena Fleksibel Untuk Aplikasi Komunikasi Radio Milter Pada Frekuensi 2350MHz, Bandung, 2012.
- [7] UWB first report and order, FCC rules and regulations, Washington DC, USA: FCC, 2002.
- [8] Pan G. , Wang L., "Swallowable wireless capsule endoscopy: Progress technical challanges," *Gastroenterol. Res. Practice*, vol. 2012, pp. 1-9, 2012.
- [9] G. e. a. Y., "Low-power ultrawideband wireless telemetry transceiver for medical sensor applications," vol. 58, no. IEEE Trans. Biomed. Eng, pp. 768-722, 2011.
- [10] J. D. K. a. R. J. Marhefka, Third edition Antennas fo All Applications.
- [11] M. Fahrazal, Rancang Bangun Anena Mikrostrip Triple Band Linear Array 4 Elemen Untuk Aplikasi WIMAX, Thesis Universitas Indonesia, 2008.
- [12] K. Y. Yazdandoost, "Antenna for Wireless Capsule Endoscopy at Ultra Wideband Frequency," in *2016 IEEE 27th Annual IEEE Symposium on Personal, Indoor and Mobile Radio Communication*, Valencia, Spain, 2016.

- [13] "Dielectric Properties of Body Tissues in the Frequency Range 10 Hz-100 GHz," [Online]. Available: <http://niremf.ifac.cnr.itissprop/#over>.
- [14] M. C. Staff, "Celiac Disease," 17 Agustus 2016. [Online]. Available: <http://www.mayoclinic.org/diseases-conditions/celiac-disease/celiac-disease-care-at-mayo-clinic/ovc-20214747>. [Accessed 19 Oktober 2016].
- [15] T. M. S. Kasun, R. M. Jean and Y. R. Mehmet , "Propagation, Power Absorption, and Temperature Analysis of UWB Wireless Capsule Endoscopy Devices Operating in the Human Body," in *IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES*, 2015.
- [16] "Wikipedia," May 2016. [Online]. Available: https://en.wikipedia.org/wiki/Capsule_endoscopy. [Accessed 7 November 2016].