DAFTAR PUSTAKA

[1]   J. Arnold, M. R. Frater, and M. Pickering, *Digital Television: Technology and Standards*, vol. 1, no. 1. John Wiley and Sons, 2007.

[2]   Budi Setiyanto, *Dasar-Dasar Teknik Telekomunikasi*. Yogyakarta: Sakti, 2010.

[3]   "Roadmap TV Digital Kominfo," 2017. [Online]. Available: https://tvdigital.kominfo.go.id/?page_id=17. [Accessed: 09-Mar-2017].

[4]   Ettus Research, "Universal Software Radio Peripheral," pp. 9–10.

[5]   ETSI, "ETSI EN 300 744 - V1.6.1 - Digital Video Broadcasting (DVB); Framing structure, channel coding and modulation for digital terrestrial television," vol. 1, pp. 1–66, 2009.

[6]   "Digital Terrestrial Television," 2012. [Online]. Available: https://www.dvb.org/%0Aresources/public/factsheets/DVB-T_Factsheet.pdf. [Accessed: 19-Feb-2017].

[7]   M. S. de Alencar, *Digital Television System*. Gramedia, 2009.

[8]   U. Ladebusch and C. A. Liss, "Terrestrial DVB (DVB-T): A Broadcast Technology for Stationary Portable and Mobile Use," *Proc. IEEE*, vol. 94, no. 1, pp. 183–192, 2006.

[9]   C. E. Yamada, F., Sukys, F., Jr., G. B., Akamine, C., Raunheitte, L.T. M., and Dantas, *Digital TV System*. Mackenzie Presbyterian University, 2004.

[10]   U. Reimers, "DVB-T: the COFDM-based system for terrestrial television," *Electron. Commun. Eng. J.*, 1997.

[11]   R. Prasad, *OFDM for Wireless Communications Systems*. Artech House, 2004.

[12]   Y. Wang, G. Liu, and T. Sun, "SS-OFDM : A Low Complexity Method to Improve Spectral Efficiency," *VCIP2016*.

[13]   H. Rohling, *OFDM Concept for Future Communication Systems*. Berlin: Springer, 2011.

[14]   H. Benoit, *Digital Television, MPEG-1, MPEG-2 and principles of the DVB System*. Focal Press, Oxford, 2002.

[15]   W. Wolf, "Building the Software Radio," *Computer (Long. Beach. Calif).*, vol. 38, no. 3, pp. 87–89, 2005.

[16]   R. Kubichek, T. Welch, U. S. N. Academy, and C. Wright, "2006-1598 : A Comprehensive Suite Of Tools For Teaching Communications Courses," *ASEE Annu. Conf.*, 2006.

[17]   Jeffrey H. Reed, *Software Radio A Modern Approach to Radio Engineering*. Prentice Hall, Inc, 2005.

[18]   M. Abirami, V. Hariharan, M. B. Sruthi, R. Gandhiraj, and K. P. Soman, "Exploiting GNU radio and USRP: An economical test bed for real time communication systems," *2013 4th Int. Conf. Comput. Commun. Netw. Technol. ICCCNT 2013*, 2013.

[19]   H. Aravind, R. Gandhiraj, K. P. Soman, M. S. Manikandan, and R. Peter, "Spectrum sensing implementations for software defined radio in simulink," *Procedia Eng.*, vol. 30, no. 2011, pp. 1119–1128, 2012.

[20]   Ettus Research, "USRP1 Bus Series," 2012. [Online]. Available: http://www.ettus.com/content/files/07495_Ettus_USRP1_DS_Flyer_HR.pdf.

[Accessed: 19-Feb-2017].

[21] B. Uengtrakul and D. Bunnjaweht, "A cost efficient software defined radio receiver for demonstrating concepts in communication and signal processing using Python and RTL-SDR," *2014 4th Int. Conf. Digit. Inf. Commun. Technol. Its Appl. DICTAP 2014*, pp. 394–399, 2014.

[22] E. Marpanaji, K. T. Yuwono, and A. Dewanto, "Aplikasi Platform Komputasi Software-Defined Radio (SDR) untuk Digital Spectrum Analizer," *Pros. Pertem. Ilm. XXV HFI Jawa Teng. dan DIY*, 2010.

[23] Ettus Research, "USRP N210." [Online]. Available: https://www.ettus.com/product/details/UN210-KIT. [Accessed: 19-Feb-2017].

[24] Z. Long, "Analysis Of Modulation Scheme Using GNU radio," pp. 1–6, 2013.

[25] C. Ke-Yu and Z. Chen, *GNU Radio Companion*. Gainesville, Florida: Dept. of Electrical Computer Engineering University of Florida, 2010.

[26] J. G. Proakis, "Digital Communications," vol. 4. McGraw-Hill International, 1995.

[27] G. P. M. Glover I.A., *Digital Communications*. Prentice Hall, Inc, 1998.

[28] G. M. Gordon, M. Drury, and K. Pickavance, *Coding and Modulation for Digital Television*. New York: Kluwer Academic Publisher, 2002.

[29] F. Akbar, "Pemanfaatan Universal Software Radio Peripheral (USRP) Untuk Media Pembelajaran Mengenai Modulasi Digital," Universitas Gadjah Mada, 2016.

[30] R. G. Winch, *Telecommunication Transmission Systems*, vol. 1. New York: McGraw-Hill, 1993.

[31] J. Foerster and J. Liebetreu, "FEC performance of concatenated Reed-Solomon and convolutional coding with interleaving," *IEEE 802.16 Broadband Wirel. Access Work. …*, 2000.

[32] R. Qomarrullah, "Implementasi Teknik Transmisi OFDM Dengan Menggunakan Universal Software Radio Peripheral (USRP) N210," Universitas Gadjah Mada, 2016.

[33] J. J. Van De Beek, M. Sandell, and P. O. Borjesson, "ML estimation of time and frequency offset in OFDM systems," *Signal Process. IEEE Trans.*, vol. 45, no. 7, pp. 1800–1805, 1997.

[34] S. J. Bellavy, "Unjuk Kerja M-QAM pada Sistem DVB-T," Universitas Gadjah Mada, 2014.