

DAFTAR PUSTAKA

- [1] B. Setiyanto, R. Hidayat, I. W. Mustika, dan S. Sunarno, “Identifikasi Pengaruh Lintasan-Jamak pada DVB-T2 Berdasar Uji Penerimaan Siaran,” *J. Nas. Tek. Elektro dan Teknol. Inf.*, vol. 5, no. 2, 2016, doi: 10.22146/jnteti.v5i2.230.
- [2] M. Fitriani Isnawati, Anggun; Pamungkas, Wahyu; Panji Praja, “Sistem Komunikasi Kendaraan Bergerak,” hal. 231, 2022.
- [3] A. Purba dan J. T. Purba, “Jakarta-Bandung High-Speed rail transportation project: Facts and challenges,” *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 918, no. 1, 2020, doi: 10.1088/1757-899X/918/1/012034.
- [4] A. K. Ridwanuddin, K. Anwar, dan A. Sugiana, “Studi Interferensi Antara Future Railway Mobile Communication Systems (Fmcs) Dan Gsm Seluler Di Indonesia,” vol. 6, no. 2, hal. 4827–4834, 2019.
- [5] J. Yan, D. Li, dan Y. Xu, “Performance Evaluation of LTE-R System for Coexisting Macro User and Railway Networks,” *2019 IEEE Int. Conf. Consum. Electron. - Taiwan, ICCE-TW 2019*, hal. 0–1, 2019, doi: 10.1109/ICCE-TW46550.2019.8992024.
- [6] P. Sun, J. Ding, S. Lin, D. Fei, dan W. Wang, “Research on Co-channel Interference between LTE-R and GSM-R Wireless Networks in 900MHz,” *2020 IEEE Int. Symp. Antennas Propag. North Am. Radio Sci. Meet. IEEECONF 2020 - Proc.*, hal. 1213–1214, 2020, doi: 10.1109/IEEECONF35879.2020.9329546.
- [7] A. Sniady dan J. Soler, “LTE for Railways,” *IEEE Veh. Technol. Mag.*, no. April, hal. 69–75, 2014.
- [8] L. Polak, D. Kresta, J. Milos, T. Kratochvil, dan R. Marsalek, “Coexistence of DVB-T2 and LTE in the 800 MHz Band: Analysis of DVB-T2 System Configurations,” *IEEE Int. Symp. Broadband Multimed. Syst. Broadcast. BMSB*, vol. 2018-June, hal. 1–5, 2018, doi: 10.1109/BMSB.2018.8436882.
- [9] M. Namira, Maryam; Muayyadi, Ali Achmad; Edwar, “IMPLEMENTASI DAN ANALISIS CHANNEL CODING DVB-T2 PADA SOFTWARE GNURADIO IMPLEMENTATION AND ANALYSIS OF CHANNEL

- CODING IN DVB-T2 USING GNURADIO SOFTWARE.pdf,” *e-proceesing Eng.*, vol. 5, 2018.
- [10] I. Eizmendi *et al.*, “DVB-T2: The second generation of terrestrial digital video broadcasting system,” *IEEE Trans. Broadcast.*, vol. 60, no. 2, hal. 258–271, 2014, doi: 10.1109/TBC.2014.2312811.
- [11] N. Surantha, T. Uwai, Y. Nagao, M. Kurosaki, B. Sai, dan H. Ochi, “Channel Estimation for a MISO DVB-T2 System in High-Speed Environments,” *J. Signal Process.*, vol. 17, no. 5, hal. 179–188, 2013, doi: 10.2299/jsp.17.179.
- [12] M. Trujulo, “An overview on the standard of digital video broadcasting - terrestrial Una visión general del estándar de transmisión de televisión digital terrestre,” vol. 47, no. 1, hal. 37–47, 2013.
- [13] M. El-Hajjar dan L. Hanzo, “A survey of digital television broadcast transmission techniques,” *IEEE Commun. Surv. Tutorials*, vol. 15, no. 4, hal. 1924–1949, 2013, doi: 10.1109/SURV.2013.030713.00220.
- [14] M. YU, “A Study of DVB-T2 Standard with Physical Layer Transceiver Design and Implementation,” no. July, 2011.
- [15] R. Campolo, Claudia; Molinaro, Antonella; Scopigno, *Vehicular ad hoc networks*. Springer, 2015. doi: 10.1016/B978-1-78242-211-2.00002-7.
- [16] N. Putra, IG Darma; Djuni, IGAK Diafari; Wirastuti, “Analyze the effect of delay spread on MIMO Zero Forcing system on selective fading channel,” in *The 2017 International Student Conference On Electrical And Computer Engineering*, 2017, hal. 1–6. [Daring]. Tersedia pada: <https://erepo.unud.ac.id/id/eprint/21119/>
- [17] J. Sadowski, “Measurement of Coherence Bandwidth in UHF Radio Channels for Narrowband Networks,” *Int. J. Antennas Propag.*, vol. 2015, hal. 3–5, 2015, doi: 10.1155/2015/985892.
- [18] A. Ghazal, C. X. Wang, B. Ai, D. Yuan, dan H. Haas, “A Nonstationary Wideband MIMO Channel Model for High-Mobility Intelligent Transportation Systems,” *IEEE Trans. Intell. Transp. Syst.*, vol. 16, no. 2, hal. 885–897, 2015, doi: 10.1109/TITS.2014.2345956.
- [19] M. Pätzold, *Mobile Radio Channels: Second Edition*. 2011. doi: 10.1002/9781119974116.

- [20] A. Zajic, *Mobile-to-Mobile Wireless Channels*. 2013.
- [21] K. Ni, M. Panji, K. Praja, dan Y. D. Marimbun, “Analisis Perbandingan Modulasi 16-QAM Dan 64-QAM Pada Kanal Additive White Gaussian Noise Dan Rayleigh Fading Comparative Analysis of 16-QAM And 64-QAM Modulation In Additive White Gaussian Noise And Rayleigh Fading Channels,” vol. 7, no. January, hal. 90–98, 2022.
- [22] R. Telecommunications, “GSM-R improved receiver parameters ; Part 1 : Requirements for radio reception,” vol. 1, hal. 1–13, 2010.
- [23] Rahma Wisnu Wardana, “Studi tentang teknologi gsm untuk sistem telekomunikasi perkeretaapian di indonesia.” hal. 1–6, 2007.
- [24] P. Y V, “LTE for Railways,” *IRISET*, no. November, 2019.
- [25] S. Misra, *Wireless Communications" (Molisch, A.; 2011) [Book review]*, vol. 19, no. 1. 2012. doi: 10.1109/mwc.2012.6155869.
- [26] R. Prasad, “OFDM for Wireless Vommunication,” *Artech House*, 2004.
- [27] A. F. Isnawati, “Unjukkerja sistem MIMO-OFDM Penjamakn Spasial Menggunakan Estimasi Kanal,” Uneversitas Gadjah Mada Yogyakarta, 2011.
- [28] M. Viswanathan, *Simulation Of Digital Communiacation System Using Matlab*, 2 ed. 2013.
- [29] C. G. Cho, Yong Soo ; Kim, Jaekwon; Yang, Won Young; Kang, *MIMO-OFDM WIRELESS COMMUNICATIONS WITH MATLAB*. ASIA, 2010.
- [30] K. Abdillah, “Analisa Kinerja Orthogonal Frequency Division Multiplexing (OFDM) Berbasis Perangkat Luna,” *Pens-Its*, hal. 1–7, 2013.
- [31] B. Harianto, “Pengukuran Kinerja Orthogonal Frekwency Division Multiplexing (OFDM) Pada Sbx Doughter Board Menggunakan Labview dan USRP N-210,” *J. Penelit.*, vol. 4, no. 1, hal. 64–69, 2019, doi: 10.46491/jp.v4e1.288.64-69.
- [32] H. P. Susilo dan S. Sukiswo, “Evaluasi Kinerja Sistem MIMO-OFDMA Menggunakan Alokasi Sub-pembawa FDMA Berupa Block dan Interleaved,” 2011, [Daring]. Tersedia pada: [http://eprints.undip.ac.id/32046/%0Ahttp://eprints.undip.ac.id/32046/1/Har yo_Punto_Susilo.pdf](http://eprints.undip.ac.id/32046/%0Ahttp://eprints.undip.ac.id/32046/1/Har%20yo_Punto_Susilo.pdf)

- [33] A. Ananta, I. Santoso, dan A. A. Zahra, “Simulasi Perbandingan Kinerja Modulasi M-PSK dan M-QAM Terhadap Laju Kesalahan Data Pada Sistem Orthogonal Frequency Division Multiplexing (OFDM),” *J. Tek. Elektron. dan Telekomun.*, vol. 2, no. June, hal. 9, 2015.
- [34] M. A. De Abreu De Sousa, R. Pires, S. D. D. S. Perseghini, dan E. Del-Moral-Hernandez, “An FPGA-based SOM circuit architecture for online learning of 64-QAM data streams,” *Proc. Int. Jt. Conf. Neural Networks*, vol. 2018-July, no. November, 2018, doi: 10.1109/IJCNN.2018.8489518.
- [35] T. Banchoff dan J. Wermer, “Orthonormal Bases,” hal. 255–259, 1992, doi: 10.1007/978-1-4612-4390-8_29.
- [36] K. Yu, J. Evans, dan I. Collings, “Performance analysis of pilot symbol aided QAM for rayleigh fading channels,” *IEEE Int. Conf. Commun.*, vol. 3, no. June 2014, hal. 1731–1735, 2002, doi: 10.1109/ICC.2002.997145.
- [37] N. N. Oktarini, Suwadi, dan T. Suryani, “Implementasi Dan Evaluasi Kinerja Encoder-Decoder Reed Solomon Pada M-Ary Quadrature Amplitude Modulation (M-Qam) Menggunakan Wireless Open- Access Research Platform (WARP),” *J. Tek. Its*, vol. 4, no. 2, hal. 1–7, 2016.
- [38] R. J. Angelina, “Analisis Nilai Bit Error Rate pada Turbo Convolutional Coding dan Turbo Block Coding,” Universitas Kristen Satya Wacana, 2015.