

REFERENCES

- [1] PT. Telekomunikasi Indonesia, Tbk Internal Data in 2014
- [2] Iida, Takeshi. (2008). *Satellite Broadband System : Its Needs and Technology*. IEEE.
- [3] Fenech, H., Tomatis, A., Amos, S., Soumpholphakdy, V., & Serrano-Velarde, D. (2012). *Future High Throughput Satellite Systems*. IEEE.
- [4] Vidal, O., Verelst, G., Lacan, J., Albert, E., Radzik, J., & Bousquet, M. (2012). *Next Generation High Throughput Satellite System*. IEEE.
- [5] Maruddani, B., Kurniawan, A., Sugihartono, & Munir, A. (2011). *Performance Evaluation of Ka-Band Satellite Communication System in Rain Fading Channel at Tropical Area*. International Conference on Electrical Engineering and Informatics, Indonesia.
- [6] Suwadi, Hendranto, G., & Wirawan (2013). *Performance of Various Combining Techniques and Adaptive Coded Modulation in Millimeter-Wave Fixed Cellular Systems under the Impact of Rain Attenuation in Indonesia*. IEEE.
- [7] Lye, S.C.K., Tan, S.E., Siew, Z.W., Yew, H.T., & Teo, K.T.K. (2012). *Analysis and Performance Measurement of Adaptive Modulation and Coding*. IEEE International Conference on Control System, Computing and Engineering. Malaysia.
- [8] Badan Meteorologi, Klimatologi dan Geofisika.
- [9] Maral, G., & Bousquet, M. (2002). *Satellite Communication Systems* (4th ed.). West Sussex: John Wiley & Sons, LTD.
- [10] Minoli, D. 2015. *Innovations in Satellite Communications and Satellite Technology – The Industry Implications of DVB-S2X, High Throughput Satellites, Ultra HD, M2M and IP*. John Wiley & Sons, Inc. New Jersey.
- [11] NSR (2013). *Broadband Satellite Market* 11th Edition.
- [12] Swinford, R. and Grau, B. (2015). *High Throughput Satellites*. Little, A.D.

- [13] Pauluzzi, D.R. and Beaulieu , N.C. 2000. *A comparison of SNR estimation techniques for the AWGN channel*. IEEE Transactions on Communications, vol. 48, no. 10, Oct 2000, pp. 1681-1691.
- [14] Gunawan, H. 2009. *Analisa Tekno Ekonomi Implementasi VSAT-IP Sebagai Jaringan Akses Broadband (Techno Economic Analysis of VSAT-IP Implementasi as Broadband Access Network)*. Program Pasca Sarjana - Institut Teknologi Telkom. Bandung.