

DAFTAR PUSTAKA

- [1] Research and J. Tim, *Kajian Frekuensi Ka-band Untuk Komunikasi Satelit*, Jakarta: Puslitbang Sumber Daya, Perangkat, dan Penyelenggaraan Pos dan Informatika Badan Penelitian dan Pengkajian Sumber Daya Manusi Kementerian Komunikasi dan Informatika, 2016.
- [2] I. W. Dani and G. Danang, "A Hybrid C/Ku-band High Throughput Satellite System As An Optimal Design for Indonesia," *International Conference on Signal and System (ICSigSys)*, pp. 168-174, 2017.
- [3] B. Marudani, E. Sandi, and W. Dara, "Study of Nusantara Satu Satellite parameter evaluation for broadband application in Indonesia," *Journal of Physics: Conference Series*, vol. 1402, no. 4, p. 1, 2019.
- [4] J. Louis and J. Ippolito, *Satellite Communications Systems Engineering Atmospheric Effects, Satellite Link Design and System Performance*, WILEY John Wiley & Sons Ltd, 2008.
- [5] D. MINOLI, *INNOVATIONS IN SATELLITE COMMUNICATIONS AND SATELLITE TECHNOLOGY The Industry Implications of DVB-S2X, High Throughput Satellites, Ultra HD, M2M, and IP*, New York, USA: John Wiley & Sons, Inc, 2015.
- [6] J. Louis and J. Ippolito, *Satellite Communications Systems Engineering Atmospheric Effects, Satellite Link Design and System Performance Second Edition*, Washington DC, USA: John Wiley & Sons Ltd, 2017.
- [7] D. Chao, Z. Guangnan and Y. Bo, "Research on Soft Frequency Reuse Technology of Multi-beam Satellite Communication System," *International Symposium on Intelligent Signal Processing and Communication Systems*, pp. 362-365, 2017.
- [8] ITU. Handbook, "Frequency bands," in *HANDBOOK ON SATELLITE COMMUNICATIONS (HSC) (Edition 3)*, Radiocommunication Bureau, 2003, pp. 11-12.
- [9] B. R. Elbert, *The Satellite Communication Applications Handbook Second Edition*, London: Artech House, Inc, 2004.

- [10] J. L. Chang-Ho Lee, Compact Ku-band Transmitter Design for Satellite Communication Applications From System Analysis To Hardware Implementation, NEW YORK, BOSTON, DORDRECHT, LONDON, MOSCOW: KLUWER ACADEMIC PUBLISHERS , 2002.
- [11] T. H. Tri, Digital Satellite Communication Second Edition, Singapore: McGraw-Hill Publishing, 1990.
- [12] M. Gerard, B. Michel and S. Zhili, SATELLITE COMMUNICATIONS SYSTEM, Systems, Techniques and Technology Sixth Edition, Chennai, India: John Wiley & Sons Ltd, 2020.
- [13] I. T. Union, "RECOMMENDATION ITU-R S.579-5 "Availability objectives , in the fixed-satellite service "," ITU-R, 2001.
- [14] J. T. J. PENTTINEN, The Telecommunications Handbook Engineering Guidelines for Fixed, Mobile, United Kingdom: John Wiley & Sons, Ltd, 2015.
- [15] M. Imam and P. Wahyu, Sistem Komunikasi Satelit [Teori dan Praktik], Yogyakarta: Penerbit ANDI, 2014.
- [16] M. Gerard and B. Michel, SATELLITE COMMUNICATIONS SYSTEMS Systems, Techniques and Technology Fifth Edition, United Kingdom: John Wiley & Sons Ltd, 2009.
- [17] A. Satellite, "APSTAR-5C Characteristics," [Online]. Available: <https://www.apstar.com/en/apstar-fleet/sat-apstar-5c-2/>. [Accessed 17 January 2021].
- [18] P. Telkomsat, "Carrier System Monitoring For Telkomsat," Bogor, Indonesia.
- [19] Y. K. N. K. A. M. a. M. T. Masaki Takashi, "Adaptive Power Resource Allocation with Multi-Beam Directivity Control in High-Throughput Satellite Communication Systems," *IEEE Permission*, p. 1, 2018.
- [20] R. W. Jones, Handbook on Satellite Communications (FSS), Bureau: Radiocommunication Bureau, 1995.