

DAFTAR PUSTAKA

- [1] J. W. Howland, "Digital air/ground communications for air traffic control," *IEEE/AIAA Digit. Avion. Syst. Conf. - Proc.*, no. April, pp. 45–50, 1995, doi: 10.1109/dasc.1995.482804.
- [2] Kamus Besar Bahasa Indonesia, "efektivitas." <https://kbbi.web.id/efektivitas> (accessed Apr. 14, 2022).
- [3] Kamus Besar Bahasa Indonesia, "Efektif." <https://kbbi.web.id/efektif> (accessed Apr. 14, 2022).
- [4] A. Aziz, "Efektivitas Penggunaan Frekuensi Radio Pada Penyelenggaraan Radio Siaran Swasta effectiveness of the use of radio frequency on private radio broadcasting," vol. 10, no. 3, pp. 201–212, 2012.
- [5] B. A. Syafaat, E. Sukmawati, and I. Muh, "Efektivitas Penerapan Vessel Traffic Services (VTS) di Selat Sunda terhadap Keselamatan Pelayaran The Effectiveness of Vessel Traffic Services (VTS) Implementation on Shipping Safety in Sunda Strait," vol. 6, no. 3, pp. 257–264, 2020.
- [6] A. Aziz, "Studi Efektivitas Penanganan Gangguan Frekuensi Radio di Balai Monitor Spektrum Frekuensi Radio The Study of Handling Effectiveness on Radio," pp. 167–182, 2014.
- [7] T. Cahyani, O. Hendra, R. Sadiatami, W. Nugraha, and M. F. Habillah, "Rancangan Monitoring Peralatan Transmitter Very High Frequency PAE T6T Berbasis Web Server Design of Monitoring Tools for Very High Frequency (VHF) Transmitter PAE T6T Web Server Based," no. 2, pp. 48–53, 2021.
- [8] E. E. N. V, "aeronautical mobile service using amplitude modulation ;," vol. 1, pp. 1–45, 2010.
- [9] J. Wahyudi, "kajian teknis hasil pemasangan VHF-ER Ground to Air," *Tek. penerbangan*, vol. 1, pp. 20–25, 2017.
- [10] D. Incam and R. Yusnita, "EVALUASI RELIABILITY VHF GROUND TO AIR (A / G) APPROACH CONTROL SERVICE (APP) DI BANDARA SULTAN SYARIEF," vol. 6, pp. 1–5, 2019.
- [11] B. Maharmi, "ANALISA GANGGUAN FREKUENSI RADIO DAN FREKUENSI PENERBANGAN DENGAN METODA SIMULASI," *Tek. Elektro*, vol. 6, pp. 59–67, 2014.
- [12] H. Hamdani, "Penerapan aplikasi tone generator pada eksperimen resonansi bunyi," *J. Pendidik. Inform. dan Sains*, vol. 9, no. 1, p. 86, 2020, doi: 10.31571/saintek.v9i1.1450.
- [13] I. Airnav, "Sejarah Perum LPPNPI," 2012. <https://www.airnavindonesia.co.id/sejarah-lppnpi> (accessed Sep. 06, 2020).
- [14] I. Airnav, "PP 77 Tahun 2012," 2012. <https://www.airnavindonesia.co.id/regulasi2-id> (accessed Sep. 06, 2020).
- [15] H. D. Tu, S. Shimamoto, and J. Kitaori, "A proposal of a wide band for Air

- Traffic Control Communications,” *IEEE Wirel. Commun. Netw. Conf. WCNC*, pp. 1950–1955, 2008, doi: 10.1109/wcnc.2008.347.
- [16] H. D. Tu, Y. Tsuda, S. Shimamoto, J. Kitaori, and S. Kato, “The next generation air to ground communication system for air traffic control,” *2005 IEEE/ACES Int. Conf. Wirel. Commun. Appl. Comput. Electromagn.*, vol. 2005, pp. 1010–1013, 2005, doi: 10.1109/WCACEM.2005.1469754.
- [17] S. E. Bartlett, “Safety,” pp. 1270–1275, 2000.
- [18] F. Box and P. Long, “Spectrum planning for the transition to a digital air/ground radio system for air traffic control,” *AIAA/IEEE Digit. Avion. Syst. Conf. - Proc.*, vol. 2, pp. 1–8, 2000, doi: 10.1109/dasc.2000.884928.
- [19] A. Malvern, “Improvements to VHF air to - ground communication by Alan Malvern (British Aerospace).”
- [20] balai teknik penerbangan, “Blok diagram VHF AG,” balai teknik penerbangan, 2017.
- [21] A. H. Asri and L. Lidyawati, “Analisis Kinerja VHF-A / G Tower / ADC dengan VHF-A / G APP di Bandar Udara,” vol. 4, no. 1, pp. 75–84, 2018.
- [22] B. Systems and A. Engineering, “Insertion Loss in Band Pass Cavity Filters Insertion Loss in Band Pass Cavity Filters Bird Systems / Applications Engineering,” pp. 5–7.
- [23] J. Chen and C. H. Chen, “1-2 GHz Tuning Frequency Band Pass Filter with Controllable Pass Band and High Stopband Rejection,” pp. 2–5, 2015.
- [24] B. Rhamanda, F. Rofii, and A. Qustoniah, “Rancang Bangun Bandpass Filter Comblin Cavity Pada Frekuensi 900 - 945 MHz Untuk RF Power Meter,” vol. 26, no. 1, pp. 1–15, 2018.
- [25] Heathkit educational systems, “Electronic circuits,” in *electronic circuits*, .
- [26] L. Syed, S. H. Hasan, H. Rashid, and W. Gulistan, “Designing Band Pass Filter for HF Radio ’ s Front End,” *2019 Int. Conf. Commun. Technol.*, no. ComTech, pp. 60–64, 2019.
- [27] R. E. July, “Measuring frequency characteristics with the photo-audio generator* by walter schxffer,” vol. 19, no. 7, pp. 1242–1251, 1931.
- [28] N. Ain, A. Mat, M. N. Mohtar, and N. A. Yunus, “Development of Signal Generator for Lab on a Chip Application,” *2018 IEEE 5th Int. Conf. Smart Instrumentation, Meas. Appl.*, no. November, pp. 1–4, 2018.
- [29] H. Switching, “Digital Oscilloscope Measurements in Power Electronics,” vol. 41, no. 6, pp. 856–860, 1992.
- [30] T. H. E. Need, “Harmonic Measurements Using a Digital Storage Oscilloscope,” vol. 25, no. 4, pp. 783–788, 1989.
- [31] Z. Pourgholamhossein and G. Askari, “Implementation of a Wide Band VHF High Power Tubular Band,” pp. 22–25, 2017.

- [32] R. Wu, J. Huang, C. Zhang, L. Zhong, Q. Shi, and J. Ma, "An adaptive receiver for constant modulus signal interference suppression in civil aviation air-ground communication," *2007 Asia-Pacific Conf. Commun. APCC*, pp. 487–489, 2007, doi: 10.1109/APCC.2007.4433475.
- [33] A. Rusu-casandra and I. Marghescu, "Impact of Narrowband Interference on Unambiguous Acquisition Approaches in Galileo," pp. 127–132, 2011.
- [34] K. Chamberlin, "The Effect of Tree Cover on Air-Ground, VHF Propagation Path Loss," *IEEE Trans. Commun.*, vol. COM-34, no. 9, pp. 958–962, 1986.
- [35] K. Ulovec, "Measurement of Interactions between DRMplus and FM Radio Broadcasting Systems in VHF Band II," pp. 2–5.
- [36] Hikmaturokhman, A. 2007. "Diktat Kuliah Gelombang Mikro". AKATEL Sandhy Putra, Purwokerto.
- [37] Direktorat Jenderal Perhubungan Udara. 2005. "Pedoman Pemeliharaan dan Pelaporan Peralatan Fasilitas Elektronika dan Listrik Penerbangan". Direktorat Jenderal Perhubungan Udara, Jakarta
- [38] Direktorat Jenderal Perhubungan Udara. 2003. "Prosedur Pengujian di Darat (Ground Inspection) Peralatan Fasilitas Elektronika dan Listrik Penerbangan". Direktorat Jenderal Perhubungan Udara, Jakarta
- [39] Direktorat Jenderal Perhubungan Udara. 2019. "Pedoman teknis operasional peraturan keselamatan penerbangan sipil bagian 171 – 172 prosedur pemeliharaan dan pelaporan fasilitas komunikasi penerbangan". Direktorat Jenderal Perhubungan Udara, Jakarta
- [40] Sekretaris Negara Republik Indonesia. 1999. "Telekomunikasi". Menteri Negara Sekretaris Negara, Jakarta
- [41] Menteri Perhubungan. 2005. "Pemberlakuan standar nasional indonesia (SNI) 03-7097-2005 mengenai peralatan komunikasi darat udara berfrekuensi amat tinggi (VHF-AIR GROUND) di bandar udara sebagai standar wajib". Menteri Perhubungan, Jakarta.