

參考文獻

Reference

- [1] IEEE Spectrum <http://spectrum.ieee.org/consumer-electronics/standards/gadgets-gab-at-60-ghz>
- [2] Zhuowen Sun and P. Fay, "A Dielectric-filled Cavity-backed Dipole Antenna for Microwave/Millimeter-wave Applications," IEEE Antennas and Wireless Propagation Letters, 2006
- [3] Wonbin Hong, Nader Behdad, And Kamal Sarabandi, "Size Reduction Of Cavity-backed Slot Antennas ," IEEE Transactions On Antennas And Propagation, Vol. 54, No. 5, May 2006
- [4] Guo Qing Luo, Zhi Fang Hu, Lin Xi Dong, and Ling Ling Sun, "Slot Antenna Backed by Substrate Integrated Waveguide Cavity," IEEE Antennas And Wireless Propagation Letters, Vol. 7, 2008
- [5] Kuo-Fong Hung and Yi-Cheng Lin, "Novel Broadband Circularly Polarized Cavity-Backed Aperture Antenna With Traveling Wave Excitation", IEEE Transactions On Antennas And Propagation, Vol. 58, No. 1, January 2010
- [6] Antti E. I. Lamminen, Jussi Säily, and Antti R. Vimpari, " 60-GHz Patch Antennas and Arrays on LTCC With Embedded-Cavity Substrates," IEEE Transactions On Antennas And Propagation, Vol. 56, NO. 9, September 2008
- [7] Woojin Byun*, B.-S Kim, K.-S Kim, M.-S Kang and M.-S Song, "60GHz 2x4 Low Temperature Co-fired Ceramic Cavity Backed Array", Antennas and Propagation Society International Symposium, 2009.
- [8] F. E. Gardiol, Broadband Patch Antennas, Artech House. 1998
- [9] H. Pues and A Van de Capelle, "Accurate transmission-line model for the rectangular microstrip antenna," Proc. IEE, vol. 131, pt. H, no. 6, pp. 334-340, Dec. 1984.
- [10] W. L. Stutzman and G. A. Thiele, Antenna Theory and Design, 2nd ed. New York:Wiley, 1998.
- [11] David Pozar, Microwave Engineering, John Wiley & Sons. 1998
- [12] Ansoft HFSS <http://www.ansoft.com/products/hf/hfss/>
- [13] Shingo Ohmori, Yasushi Yamao and Nobuo Nakajima, "The Future Generations of Mobile Communications Based on Broadband Access Technologies," IEEE Communications Magazine, December 2000

- [14] P. Smulders, "Exploiting the 60 GHz band for local wireless multimedia access: prospects and future directions," *Communications Magazine, IEEE*, vol.40, no.1, pp.140-147, Jan 2002.
- [15] M. Peter, W. Keusgen, and J. Luo, "A Survey on 60 GHz Broadband Communication: Capability, Applications and System Design," *European Microwave Week 2008, Amsterdam, The Netherlands, Oct. 27-31, 2008.*
- [16] J. Luo, W. Keusgen, A. Kortke, and M. Peter, "A Design Concept for a 60 GHz Wireless In-Flight Entertainment System," *2008 IEEE 68th Vehicular Technology Conference, Calgary, Canada, Sept., 21-24 2008.*
- [17] B.A. Floyd, S.K. Reynolds, U.R. Pfeiffer, T. Zwick, et al., "SiGe Bipolar Transceiver Circuits Operating at 60 GHz," *IEEE Journal of Solid-State Circuits*, vol. 40, no.1, pp.156-167, Jan. 2005.
- [18] G. Bock, V. Subramanian, W. Keusgen, and V.-H. Do, "A 60 GHz SiGe HBT Chip Set," *European Microwave Week 2008, Amsterdam, The Netherlands, Oct. 27-31, 2008.*
- [19] M. Peter, W. Keusgen, and A. Kortke, "Measurement and Analysis of the 60 GHz In-Vehicular Broadband Radio channel," *2007 IEEE 66th Vehicular Technology Conference, Baltimore, USA, 30 Sept.- 3 Oct. 2007.*
- [20] M. Peter and W. Keusgen, "Impact of Antenna Configuration and Shadowing on the Characteristics of the 60 GHz Indoor Wideband Channel," *2008 URSI General Assembly, Chicago, USA, Aug. 7-16 2008.*
- [21] Y.P. Zhang, M. Sun, K.M Chua, L.L. Wai, D.X. Liu, "Integration of slot antenna in LTCC package for 60 GHz radios," *Electronics Letters*, vol. 44, issue 5, pp. 330 – 331, Feb. 28 2008.
- [22] N. Caillet, S. Pinel, C. Quendo, C. Person, et al., "Foam Micromachined Aperture-Coupled Antennas for V-Band Low-Cost Applications," *European Microwave Week, 2007, Munich, Germany, Oct. 9-12 2007.*
- [23] C. Peixero, P. Dufrane, Y. Guillerme, "Microstrip patch antennas for a mobile communication system at 60 GHz," *2001 IEEE MTT-S International Microwave Symposium, Phoenix, USA, May 20-25 2001.*