

## Bibliografía

- [1] Muller, Nathan J, “Tecnología Bluetooth”, Madrid: McGraw-Hill, 2002.
- [2] Bing, Benny, “Wireless local area networks”, John Wiley & sons, inc., 2002.
- [3] [www.icta.mu/radiocommunication/frequencyplan.htm](http://www.icta.mu/radiocommunication/frequencyplan.htm)
- [4] Reynolds, Janice, “Going Wi-Fi”, Estados Unidos: CMP Books, 2003.
- [5] Balanis, Constantine A, “Antenna theory analysis and design”, 2º edición. Estados Unidos: John Wiley & sons, inc., 1997.
- [6] Bhartia, P., K.V.S Rao, y R.S. Tomar, “Millimeter-wave microstrip and printed circuit antennas”, Norwood: Artech house, 1991.
- [7] Che , B. Fu , P. Yao and Y. L. Chow, “ Substrate Integrated Horn Antenna With Dielectric Lens”, Wiley Microwave and Optical Technology Letters, volumen 49, páginas 168 – 170, Noviembre 2006.
- [8] <http://www.ihf.uni-stuttgart.de/forschung/forschungsgebiete/uwb/index.en.html>
- [9] <http://www.ece.osu.edu/~roblin/Design.html>
- [10] Murphy, Arteaga Roberto S. “Apuntes de la clase: líneas de transmisión y antenas”, Universidad de las Américas – Puebla. Otoño 2007.
- [11] Zürcher, Jean – Francois, y Fred E. Gardiol, “Broadband patch antennas”, Norwood: Artech house, 1995.
- [12] Vaughan Rodney y Jorgen Bach Andersen, “Channels, propagation and antennas for mobile communications”, Londres: The Institution of Electrical Engineers, 2003.
- [13] D.U. Sim y J.I. Choi, “A compact wideband modified planar inverted F antenna (PIFA) for 2.4/5 GHz WLAN application”, Vehicular Technology Conference, páginas 1304 – 1307, 25-28 Septiembre 2005.
- [14] Yong-Xin Guo Chia y Zhi Ning Chen, “Miniature built-in multiband antennas for mobile handsets”, IEEE Transactions on Antennas and Propagation, Volumen 52, páginas: 1936 – 1944, Agosto 2004.
- [15] M. Ali, R.A. Sadler y G.J. Hayes, “A uniquely packaged internal inverted-F antenna

for Bluetooth or wireless LAN application”, IEEE Antennas and Wireless Propagation Letters, volumen 1, páginas 5 – 7, 2002.W.

[16] Z.C. Hao, W. Hong, A. Chen, J. Chen y K. Wu, “SIW fed dielectric resonator antennas (SIW-DRA)”, IEEE Microwave Symposium Digest, páginas 202 -205, Junio 2006.

[17] K.J. Tan, X.Z. Luan y S.N. Saffiedin, “A Dual-Frequency DRA Based on Substrate Integrated Waveguide”, International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, páginas 508 – 511, 16-17 Agosto 2007.

[18] K. Wu, D. Deslandes y Y. Cassivi, “The Substrate Integrated Circuits - A New Concept for High-Frequency Electronics and Optoelectronics”, International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Service, páginas 2 – 9, diciembre 2003.

[19] L. Yan, W. Hong, K. Wu y T.J. Cui, “Investigations on the propagation characteristics of the substrate integrated waveguide based on the method of lines”, IEE Proceedings [Microwaves, Antennas and Propagation](#), Volumen 152, páginas 35-42, 19 Febrero 2005.

[20] W. Che, D. Wang, L. Xu y C. Li, “Investigation on quality factor of substrate-integrated waveguide resonance cavity”, Wiley [Microwave and Optical Technology Letters](#), Volumen 9, páginas 2007-2010, Mayo 2007.

[21] G. Q. Luo, W. Hong, Z. C. Hao, B. Liu, W. D. Li, J. X. Chen, H. X. Zhou y K. Wu, “Theory and experiment of novel frequency selective surface based on substrate integrated waveguide technology”, IEEE Transactions on Antennas and Propagation, Volumen 53, páginas 4035 – 4043, Diciembre 2005.

[22] T. S. Yun, H. Nam, K. B. Kim y J. C. Lee, “Iris waveguide bandpass filter using substrate integrated waveguide (SIW) for satellite communication”, Asia-Pacific Microwave Conference Proceedings, Volumen 1, páginas 4-7, Diciembre 2005.

[23] H Nam, T.S. Yun, K. B. Kim, K. C. Yoon y J. C. Lee, “Ku-Band Transition Between Microstrip and Substrate Integrated Waveguide (SIW)”, Asia-Pacific Microwave Conference Proceedings, Volumen 1, páginas 4 – 7, Diciembre 2005.

[24] W. Che, K. Deng, E. K. N. Yung y K. Wu. “H-plane 3-dB hybrid ring of high isolation in substrate-integrated rectangular waveguide (SIRW)”, Wiley Microwave and Optical Technology Letters, Volumen 48, páginas 502 – 505, Enero 2006.

[25] Rizzi, Peter A, “Microwave Engineering. Passive Circuits”, New Jersey: Prentice Hall, 1988.

[26] <http://www.geocities.com/fzamora.rm/lintrans/waveguides.PDF>

- [27] [http://www.rfcafe.com/references/electrical/rectangular\\_waveguide\\_modes.htm](http://www.rfcafe.com/references/electrical/rectangular_waveguide_modes.htm)
- [28] <http://www.swedetrack.com/waveguid.htm>
- [29] Sonnet® User's Manuals, Sonnet Tutorials, Release 10 - Version 11.55 Lite.
- [30] "User's Guide"- High Frequency Structure Simulator, Ansoft Corporation, Version 9.0 EUA, 2003.
- [31] M. Komulainen, P. Salonen y M. Kivikoski, "Dual frequency microstrip patch antenna for WLAN/Bluetooth and HIPERLAN applications", Radio and Wireless Conference, páginas 207 – 209, 2001.
- [32] D. Nashaat, H.A. Elsadek y H. Ghali, "Dual-band reduced size PIFA antenna with U-slot for Bluetooth and WLAN applications", Antennas and Propagation Society International Symposium, Volumen 2, páginas 962 – 965, Junio 2003.
- [33] S. Maci y G.B. Gentili, "Dual-frequency patch antennas", IEEE Antennas and Propagation Magazine, Volumen 39, páginas 13 – 20, Diciembre 2007.
- [34] M. Komulainen, P. Salonen y M. Kivikoski, "Dual frequency microstrip patch antenna for WLAN/Bluetooth and HIPERLAN applications", IEEE Radio and Wireless Conference, páginas 207 – 209, 2001.
- [35] J. S. Row, "Dual-frequency triangular planar inverted-F antenna", IEEE Transactions on Antennas and Propagation, Volumen 53, páginas 874 – 876, Febrero 2005.
- [36] M.J. Lancaster, H.Y. Wang y J.S. Hong, "Thin-film HTS planar antennas", IEEE Transactions on Applied Superconductivity, Volumen 8, páginas 168 – 177, Diciembre 1998.
- [37] H. Lobato, "Diseño y Caracterización de Antenas Omnidireccionales para Estación Base de Telefonía Móvil en la banda PCS", Tesis profesional, Universidad de las Américas Puebla, Primavera 2006.
- [38] Clayton, R. Paul, et al, "Introduction to electromagnetic fields", 3ª edición, Estados Unidos: McGraw-Hill, 1998.
- [39] [www.inchem.org/documents/ehc/ehc/ehc137.htm](http://www.inchem.org/documents/ehc/ehc/ehc137.htm)