香港城市大學 City University of Hong Kong

Department of Electronic Engineering

State Key Laboratory of Millimeter Waves 毫米波國家重點實驗室（香港）

IEEE (HK) Section AP/MTT

Seminar on

Broadband Antennas with Band-rejected/Band-notched Techniques

by

Prof. Wen-Shan Chen
Southern Taiwan University of Science and Technology, Tainan, Taiwan

Abstract

Broadband antennas with band-notched characteristics are a cost-effective design, and many related articles concerning band-notched or band-rejected structures have been published recently. These designs can be applied in UWB and WiMAX operations. By applying a band-rejected design to a wideband antenna, a dual-band operation can be obtained. Similarly, by applying a dual-band rejected design to a broadband antenna, a triple-band operation can be implemented. The techniques can be applied in various antennas. It has been demonstrated that the band-notched or band-rejected techniques can be successfully applied incross-monopole antennas, monopole antennas, dipole antennas, and slot antennas.

Biography

Wen-Shan Chen received his BS degree from National Taiwan University of Science and Technology (Taiwan Tech), Taipei, Taiwan, and his PhD degree from National Sun Yat-Sen University, Kaohsiung, Taiwan in 2001. He is currently a Professor with the Department of Electronic Engineering at Southern Taiwan University of Science and Technology, Tainan, Taiwan. He is an IEEE senior member with AP and MTT Societies. He served as the General Secretary in 2007-2008, Vice Chair in 2009-1010, and Chair in 2011-2012, all with the IEEE AP-S Tainan Chapter. He is a member of the Institute of Antenna Engineers of Taiwan (IAET) and was elected to be an AdCom member of IAET in 2008-2011. He is a member of the Chinese Institute of Electrical Engineering (CIEE) and IEICE. His research interests include antenna design, RF and microwave circuits.

Date : 31 Jan., 2013 (Thursday)
Time : 04:00pm – 05:00pm
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City University of Hong Kong

***** ALL ARE WELCOME *****

Enquiries: Prof Kwok Wa Leung, Department of Electronic Engineering
Tel. : 3442 9659 Fax : 27887791 e-mail: eekleung@cityu.edu.hk