

1995 IEEE MICROWAVE AND MILLIMETER-WAVE MONOLITHIC CIRCUITS SYMPOSIUM PANEL

Cost Effective MMICs For WLANs: Fact or Fantasy???

Location: Room CC-12A, 12B
Time: 12:00–1:30 pm
Sponsors: MTT-6 Microwave and Millimeter-Wave Integrated Circuits
1995 MMWMC Symposium TPC
Organizers: Fazal Ali, Westinghouse
Mike Golio, Motorola
Doug Maki, Raytheon
Moderators: Fazal Ali and Mike Golio
Panelists: Fred Bonn, Motorola
Finbarr McGrath, M/A COM
David Smith, GEC-Marconi
Doug Maki, Raytheon
Steve Ludvic, Teledyne
Paul Litzenberg, Triquint
Juan Grau, Proxim

Abstract:

Federal Communication Commission (FCC) has approved non-licensed wireless local area network (WLAN) usage of the 902-928 MHz, 2400-2483 MHz and 5725-5875 MHz frequency bands designated for industrial, scientific and medical (ISM) applications. Several companies have since been involved in the development of MMIC chip-set for WLAN applications. This panel discussion will focus on the cost-effective manufacturing of these ICs and their compliance (if any?) to the ever-evolving IEEE 802.11 standard. Speakers will also share their experiences in using these ICs in Real (Virtual?) systems.