

## **Jeffery A. Wepman**

Jeffery A. Wepman received the BS and MS degrees in Electrical Engineering from the University of Arizona in 1981 and 1985, respectively. He has completed all requirements except the dissertation for the Ph.D. degree in Electrical Engineering from the University of Colorado at Boulder. Since 1986, he has worked as an electronics engineer with the Institute for Telecommunication Sciences (ITS), National Telecommunications and Information Administration (NTIA), U.S. Department of Commerce. During this time, he worked on a wide variety of telecommunication projects including propagation measurement system design, development, analysis, and implementation. From 1991 through 1994, Mr. Wepman was a project leader for Personal Communication Services (PCS) outdoor propagation measurements at ITS. He helped develop the patented Digital Sampling Channel Probe, ideal for making outdoor impulse response measurements to characterize wideband propagation in the radio channel. The Digital Sampling Channel Probe is an example of a software defined radio receiver. He was the recipient of two Department of Commerce Bronze Medal Awards and one Silver Medal Award for his work in advanced measurement system development and PCS measurements. His current work has been focused on research and development of software defined radios and implementation of system level signal processing in field programmable gate arrays (FPGA's).

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