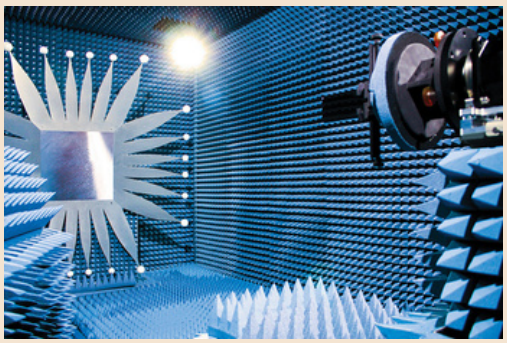
Emerging 5G Test Methodologies to Efficiently and Cost-Effectively Validate Antenna Performance



Abstract

Speakers will address emerging test methodologies to efficiently and cost effectively validate antenna performance in a design lab environment. The significance of different test methods will be shown using near-field, far-field, and alternative test techniques. Attendees will learn about modern 5G millimeter wave antenna array evaluation in near- and far-field environments, important measurement uncertainty considerations in the performance validation test set up, and the latest regulatory and measurement challenges with the new Wi-Fi 7 enabled devices.

Speakers

Janet O'Neil is a customer relations specialist with ETS-Lindgren. She has over 30 years of experience in the RF and Electromagnetic Compatibility (EMC) industries. She is a member of the Board of Directors of the IEEE EMC Society and past member of the Antenna Measurement Techniques Association (AMTA) Board of Directors. Ms. O'Neil has organized dozens of technical workshops during her career as well as served as chair or vice-chair of various IEEE International Symposiums for the EMC and MTT Societies. Her education includes BA degrees in English and in Business Economics from the University of California, Santa Barbara.

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