

Measurements and Modeling of 5G FR2 (> 24 GHz) Systems: Challenges, Observations, and Explanations Even Management Can Understand

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Speaker Biography: John M. Ladbury received the B.S.E.E. and M.S.E.E. degrees (specializing in signal processing) from the University of Colorado, Boulder, in 1987 and 1992, respectively. Since 1987 he has worked on EMC metrology and facilities with the Radio Frequency Technology Division and is now with the Shared Spectrum Metrology Group in the Spectrum Technology and Research Division of the National Institute of Standards and Technology (NIST) in Boulder, CO. His principal focus has been on reverberation chambers, with some investigations into other EMC-related topics such as time-domain measurements and probe calibrations. He was involved with the revision of RTCA DO-160D and is a member of the IEC joint task force on reverberation chambers. He has been awarded four “Best Symposium Paper” awards at IEEE International EMC symposia, a Technical Achievement Award from the IEEE EMC Society for significant contributions in the development of reverberation chamber techniques for EMC applications, a US Department of Commerce Bronze Medal for his research in Reverberation Chambers, and a US Department of Commerce Gold Medal for his role in evaluating the impact of LTE wireless signals on the performance of GPS receivers.