

March 2020

Rock River Valley Section
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Event

Sense

The Institute of Electrical and Electronic Engineers, Inc.

IEEE RRV Section, EMC Chapter Meeting

SERVING IEEE MEMBERS OF NORTH CENTRAL ILLINOIS AND SOUTH CENTRAL WISCONSIN

WHEN Thursday, April 2, 2020

WHERE Webex

<https://ieeemeetings.webex.com/ieeemeetings/j.php?MTID=m509d401d0c26bce906bf02f2796c46df>

Meeting number:591 580 107
Meeting password:RRVEMCCha

+1-415-655-0002 United States Toll
1-855-282-6330 United States Toll Free

AGENDA

7:15 PM Presentation



Understanding EMC Receiver and Spectrum Analyzer Design Concepts

Scott Niemiec, Applications Engineer with Rohde & Schwarz

The output of all measurement instrument is effected not only by the instrument's settings but also by the design concept of that instrument. The more you understanding that design concept, the more you will know about the original input signal. The design concept of a modern EMC Receiver and Spectrum Analyzer will be explained and how that effects the output measurement results. Will show examples of how to use this understanding to troubleshoot EMI issue that are found in the measurement results.

Scott Niemiec is an Applications Engineer with Rohde & Schwarz, supporting the Central US from his base in the Chicago area. In addition to his extensive support of Spectrum & Network Analyzers for general purpose testing, Scott is also one of the primary Application Engineers supporting EMC test equipment and systems and radar test applications throughout the US. Before joining Rohde & Schwarz in 2012, Scott was a R&D Engineer with Nokia Siemens Networks in Arlington Heights, IL and prior to that he worked as a Senior Staff RF Engineer for Motorola Solutions in Arlington Heights, IL. Scott has extensive background in research and development of complex RF architectures for wireless communication equipment and systems. He holds a BSEE from Michigan Technological University.

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Please register **online** at

<https://meetings.vtools.ieee.org/m/227479>

or by emailing Diane Sennebogen at diane.brock@utas.utc.com by Thursday, April 2 at 1 pm. Please include the following: name, phone number, email address, and IEEE member number. The meeting is open to the general public.