

Monday, January 23rd

Session I: On-Wafer Measurements

1:10 pm

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1:40 pm

RF Front-End High-Performance Technologies and Test Challenges

Brad Nelson, Sr. Director Engineering RF and Analog Products (Qorvo)

RF front-end electronics have evolved into highly integrated multi-technology modules that utilize very high performance GaAs, GaN and silicon. This presentation will give an overview of important markets and associated technologies in mobile handsets, automotive, wireless infrastructure, WiFi, IOT and CATV applications. The test challenges and trends in each market will be emphasized.



Brad Nelson is a Senior Engineering Director at Qorvo and based in San Jose, CA. Before Qorvo's recent split into three divisions, his team developed products for Base Station infrastructure, WiFi front end modules, Automotive, Broadband CATV Infrastructure, IoT System on Chip and Defense small signal markets. The products his team designed generated approx \$500M in revenue per year. In the current structure of Qorvo, his team focuses on Base Station and Broadband infrastructure as well as Defense small signal.